

# **ABSSolute v9.03.00.a**

## **Release Notes**

## **Introduction**

This document describes the changes introduced with *ABSSolute* release version 9.03.00.a This version was released in January / February 2019

Depending on the licenses installed on your system, it may be possible that you cannot use all new features described in this document. If you are interested in functionality that is not covered by your license, please contact ABS directly.

Europe +31 411 612 761

USA +1 877 380 9527

## **Version**

<b>Version</b>	<b>Status</b>	<b>Date</b>	<b>By</b>	<b>Changes</b>
1.0	Final	25.01.2019	JDV	Initial version
1.1	Final	25.01.2019	JDV	Modified after remarks
1.2	Final	29.01.2019	JDV	Added new ERN
1.3	Final	04.02.2019	CLA	Combined version

## Notes

### 1.1 Web

Please be aware that starting with version 9.03.00.a the Web Portals that have been redesigned are the only Web Portals that are supported. On customer request the images used within the Web Portal can be customized.

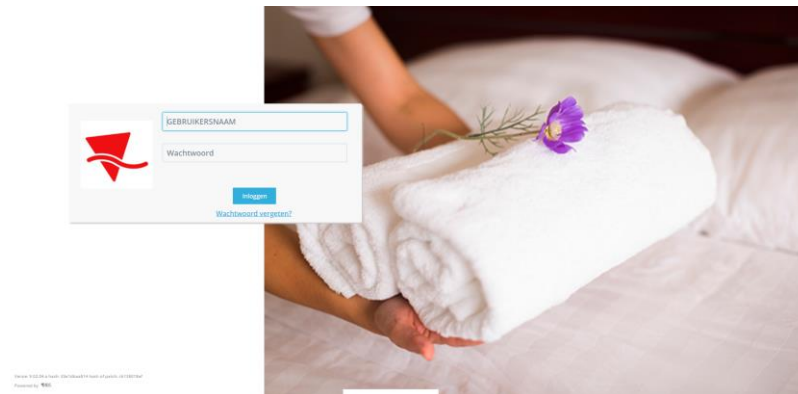


Figure 1; Redesigned web portal

### 1.2 Workstations

Please be aware that starting with version 9.03.00.a due to the implementation of a new JAVA engine workstations running a 32bit operating system are no longer supported. In earlier release two extra columns were added to the Workstation dialog, these will help to identify the OS Architecture and the Operating System.

Workstation Settings						Count : 40
<div><span>+</span> Add <span>✏</span> Modify <span>✖</span> Delete <span>📄</span> Duplicate <span>📋</span> Copy Settings <span>🔢</span> Grid Views <span>🖨</span> Print</div>						
Code	Description	Business Unit	Last Used	OS Architect...	Operating System	
53			06/12/2018	64 bit Windows 10 10.0		
59			22/11/2018	64 bit Windows 10 10.0		
63			21/01/2019	64 bit Windows 10 10.0		
65			14/12/2018	64 bit Windows 10 10.0		
67			23/01/2019	64 bit Windows 10 10.0		
69			22/01/2019	64 bit Windows 10 10.0		
7			23/01/2019	64 bit Windows 10 10.0		
71			07/01/2019	64 bit Windows 10 10.0		
75			23/01/2019	64 bit Windows 10 10.0		
23			29/01/2019	64 bit Windows 7 10.0		
45			28/01/2019	64 bit Windows 7 10.0		
31			23/01/2019	64 bit Windows 7 6.1		
41			23/01/2019	64 bit Windows 7 6.1		
43			23/01/2019	64 bit Windows 7 6.1		
47			22/01/2019	64 bit Windows 7 6.1		
55			21/11/2018	64 bit Windows 7 6.1		
29			24/08/2018	64 bit Windows 7 6.3		
57			21/11/2018	64 bit Windows 8.1 6.3		

### 1.3 Dialogues

Please be aware that starting with version 9.03.00.a the dialogue Batch Delivery Notes is discontinued. The replacement dialogue is called Garment Delivery Notes.

## Contents

Introduction .....	2
Version .....	2
Notes.....	3
1.1    Web.....	3
1.2    Workstations.....	3
1.3    Dialogues.....	3
3    General.....	8
3.1    Wearer function as available screen to display user instructions .....	8
3.2    Ability to Lock Down accounts .....	10
3.3    Owner of a contract is not automatically added as contract customer .....	12
3.4    Administrative option for License file management .....	13
3.5    Branding functionality.....	16
3.6    Capture Contract Sign Date, Start Date, Install Date, and Renegotiation Date to auto populate upon first delivery .....	20
3.7    Lock down accounts to be managed by one group .....	21
3.8    Extend Contract PO Functionality.....	25
3.8.1    Estimated Remaining Weeks on Contract Purchase Orders.....	25
3.8.2    Purchase Order on Invoice dialogue.....	26
3.8.3    Adding Products to Contract Purchase Orders .....	26
3.8.4    Adding Contract Purchase Order Lines to Invoice .....	27
3.8.5    Change Purchase Order .....	27
3.9    Change delivery scheme when moving stops.....	28
3.10    Procedure to release products at Contract level for PLPC and RA use.....	30
4    Linen.....	32
4.1    Define contract quantities and invoice overuse .....	32
5    Garments.....	34
5.1    Move item to another wearer in maintain unique items .....	34
5.2    Contract forced Emblem Templates and Wearer Functions .....	34
6    Residential.....	37
6.1    Create move scan when moving residential items .....	37
6.2    Divide Special Charges Between Customer and Client .....	38
6.3    Generate Multiple Residential Labels .....	39
6.4    Enhancements assign residential labels in web portal .....	40
6.5    Reprint residential labels option in Web Portal.....	41

---

6.6	Residential special scans are added for sending to and receiving from sub contractors.....	42
7	Billing.....	43
7.1	Direct Invoice frequency 5, change cut-off date.....	43
7.2	Credit Card payments via Web Portal.....	44
7.3	Override garment insurance in ABS client .....	47
7.4	Expansion of grid for Open Charges while applying funds in Cash Application .....	48
7.5	Option to prevent users from finalizing invoices with an invoice date before the current month.....	49
7.6	Message when customer has garment insurance and cancel a wearer .....	50
7.7	Merchandise Buyout.....	52
7.8	Special Size Billing .....	54
7.9	Allow decimals in percentage after depreciation on PLPC .....	56
7.10	Allow specific turnover group for invoice line subtypes for Stockroom handling and Prep charges 58	
7.11	Extend Price List access checks and limits .....	59
7.12	Restrict delivery of abused soil counted items .....	60
7.13	Create a credit line when a reject is logged.....	61
7.14	Option to skip an expected linen order .....	62
7.15	Change to rent calculation with coefficient.....	63
8	Stockroom & Purchasing.....	64
8.1	Cancellation of remaining quantity/record missing items .....	64
8.2	Products per Supplier - Add shortcut to create Manual PO .....	65
8.3	Automatically Determine the Best Delivery Term Based On Volume Prices .....	66
8.4	Change Purchase Requisition Delivery Term On Aggregate PR .....	67
8.5	Lead Times For Supplier Products.....	68
8.6	Multi-Select Aggregate Purchase Requisitions to Create Purchase Orders.....	69
8.7	Add depot information to the WOSC grid and add the "Deliver from" column to the fields that can be used in the filter criteria .....	70
8.8	Add "Laundry Product Code" column -PREQ dialog .....	71
8.9	Possibility to cancel SDO line for approval from dialog IOM (Intercompany Ordering Monitor) ...	73
9	UHF.....	75
9.1	Multi-read scan for clean returned linen and correct delivered quantity.....	75
9.2	Stack Check & Direct Load Improvements.....	76
9.2.1	Scan Options In Inscan Multi Read Dialogue .....	76
9.2.2	Wash History In Rewash Scan Dialogue .....	77
9.2.3	Reason Codes In Rewash Scan Multi Read Dialogue .....	77

---

---

9.2.4	Print Label Button In Multi Read Stack Check Dialogue .....	77
9.2.5	Improvements To Outscan Multi Read Scanner Dialogue .....	78
9.3	Multi Read Stack Check, flexibility in behavior, visual virtual bundle .....	79
9.4	Use the virtual bundle percentage against stray reads .....	84
10	Cleanroom.....	87
10.1	Check on open Cleanroom batches when processing a delivery note .....	87
11	Web Portal .....	89
11.1	Extend webuser login name.....	89
11.2	Extend internet order deadline functionality (only for orders for current date) .....	90
11.3	Move Residential Clients On Web .....	91
11.4	Reactivate Wearer Inventory Lines on Web .....	93
11.5	Maximum order quantity in web .....	94
11.6	Reprint residential labels option in Web Portal.....	96
11.7	Webportal Compulsory Order Day Awareness.....	97
12	Mobile .....	98
12.1	Packing Assistant For Android.....	98
12.1.1	Introduction .....	98
12.1.2	Configuration .....	100
12.2	Option to enable/disable scanning in stock count/order .....	103
13	Technical .....	105
13.1	Protection against brute-force attacks .....	105
14	Miscellaneous Improvements.....	111
14.1	General.....	111
14.1.1	Extend Flex Fields to Contract dialog.....	111
14.1.2	URL link for Contract Documents.....	113
14.1.3	Extend National Account Code to 15 Characters.....	115
14.1.4	Google Maps plot features .....	115
14.2	Interfaces .....	117
14.2.1	Extend webservice for products to support multiple languages .....	117
14.2.2	Modify Extend Hungary Tax Interface .....	117
14.3	Cleanroom.....	118
14.4	Linen.....	118
14.5	Garments.....	118
14.6	UHF.....	118

---

14.7	Residential.....	118
14.8	Web portal .....	119
14.9	Stockroom & Purchasing.....	119
14.10	Mobile .....	119
14.11	Technical .....	119
14.11.1	Update to I-Net version 18.....	119

### 3 General

This section contains the main general improvements to ABSSolute that cannot be grouped under one specific category.

#### 3.1 Wearer function as available screen to display user instructions

<b>ABS NUMBER</b>	ABS-62729
<b>PURPOSE</b>	Add user instructions to dialogue Wearer Functions
<b>AFFECTED DIALOGUES</b>	General/Customer specific user instructions
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	-
<b>AVAILABLE IN RELEASE</b>	9.03.00

The wearer function screen is added to the available dialogs which can display general and customer specific user instructions.

General user instructions:

The screenshot shows two overlapping windows from the ABSSolute software. The main window is titled 'Add General User Instruction' and contains fields for 'Code' (GKO), a list of languages (including English, French, German, etc.), a 'Description' (Geert Test), and an 'Instruction' (TESTING ABS-62729). It also has date pickers for 'Show From' and 'Show Automatic Until', and a 'Show At' section with 'In Use By' and 'Exclude' options. A table at the bottom is for adding screens. The sub-window, titled 'Add Screens for Instruction Display', is open over the main window. It has 'Save and Exit' and 'Cancel' buttons. It contains two lists: 'Available Screens' and 'Selected Screens'. In the 'Available Screens' list, 'Wearers' is selected. In the 'Selected Screens' list, 'Wearer Functions' is listed and highlighted with a red box.



Customer specific user instructions:

The screenshot displays the 'User Instructions Per Customer' window in the ABSSolute software. The 'Customer' field is set to '22' with a dropdown arrow. Below it, the 'Specific' tab is selected. A table lists user instructions with columns for 'Start Date', 'End Date', 'Instruction', and 'End Date'. The first entry shows a start date of '26-Nov-2018', an end date of '04-Dec-20', and the instruction 'Testing ABS-62729 specific'. A modal window titled 'Specific User Instruction' is open, showing the 'Modify Specific User Instruction' form. This form includes a 'Customer' field (22), a language selection dropdown (currently showing 'français (Suisse)'), a text area for the instruction ('Testing ABS-62729 specific'), and date fields for 'Show From' (26/11/2018) and 'Show Automatic Until' (04/12/2019). At the bottom of the modal, there is a 'Show At' section with a 'Screen' dropdown menu, which is currently set to 'Wearer Functions' and is highlighted with a red rectangle.

Start D...	End Date	Instruction	End Date
26-Nov-2018	04-Dec-20	Testing ABS-62729 specific	

**Specific User Instruction**

**Modify Specific User Instruction**

Save and Exit Exit First Previous Next Last

Customer: 22 | test 21976

français (Suisse) français (France) Nederlands (Nederland) polski (Polska)  
Deutsch (Deutschland) English (United Kingdom) English (Singapore) English (United States)

Instruction: Testing ABS-62729 specific

Show From: 26/11/2018 To: 16

Show Automatic Until: 04/12/2019

Show At: Exclude

Show At: Count : 1 Grid View Alle

Add Delete Grid Views Print

Screen

Wearer Functions

### 3.2 Ability to Lock Down accounts

<b>ABS NUMBER</b>	ABS-64247
<b>PURPOSE</b>	Lock Down accounts to only allow certain users to make changes
<b>AFFECTED DIALOGUES</b>	Contracts
<b>SYSTEM SETTINGS</b>	
<b>MODULES</b>	CONTRACTMANAGEMENT, CONTRACTMANAGEMENTBRAND
<b>AVAILABLE IN RELEASE</b>	9.03.00

The purpose of this is to give the relevant users access to modify details of these accounts and block other users from doing so. There are 2 levels of control needed:

- Product & Price control: where products and prices are centrally managed
- Inventory control: where the actual quantities that sites can have are centrally managed

Plus, an additional control over the garments that wearers can have via the “Wearer Function” feature.

All Products, Pricing, Inventory and Wearer Functions are all managed by a designated User Group or user.

Another feature called “Brand” is also available with this update. The Brand allows you to have a chain of Auto Dealerships (BMW, Lexus, Audi) to be on one contract for example, and specify which products/prices each brand gets by still having all products and pricing tied to one contract. The end user only has access to the products they are allowed to have defined by the Brand.

**Modify Contract**

Save Cancel

Code/Status: 456456 Approved

Description: GSN ACTPG

Category/Currency: Primary Contract USD US Dollar Contract Type: STAND Standard

Owner: Customer 456456 GSN ACTPG

PO Numbers Validity Price Settings Components Pricelist General Amendments Contract Customers Remark In Use By Brand Secondary Contracts

**Brand**

Add

**Add Brand**

Save and Exit Cancel First Previous Next Last

Code: TEST Description: TEST 1

Products In Use By Emblem Templates Wearer Functions

**Products** Count: 0 Grid View All

Modify Grid Views

Code	Description	Size Code	Finishing Method Desc	Released

**Contract Products**

Save and Exit Exit

Available					Selected				
Product	Product Desc.	Size	Finishing ...	Start Date	Product	Product Desc.	Size	Finishing ...	Start Date
010102	LS SHIRT-CHINO 1...	*	-	2018-04-05					

As you can see one the Contract Products are added to a Brand, on the next tabs you define who uses the specified Brand, their emblem templates and Wearer Functions.

When it comes to Access to make changes to a Contract there are multiple points where User Maintenance can be controlled.

From the Contract Header:

**Modify Contract**

Save Cancel

Code/Status: 456456 Approved

Description: GSN ACTPG

Category/Currency: Primary Contract USD | US Dollar Contract Type: STAND | Standard

Owner: Customer 456456 | GSN ACTPG

PO Numbers Validity Price Settings Components Pricelist General Amendments Contract Customers Remark In Use By Brand Secondary Contracts

☐ Only Maintained By

From the Contract Pricelist, which allows potentially another group access to only Contract Pricing:

**Contract Price List**

Save and Exit Exit First Previous Next Last

Price Type: Rent Active

Code: 456456 Usage: General Include in Automatic Price Update

Description: GSN ACTPG Price Index Code:

Currency: USD | US Dollar Contract: 456456 | GSN ACTPG

☐ Only Maintained by

☐ Authorized by

Date Active: 04/05/2018 Date Inactive: 04/30/2023

Products In Use By Contracts

**Products** Count: 3 Grid View All

+ Add Modify Delete Duplicate Grid Views Show active only

Code	Description	Size Descr	Finish. Met...	Rent Type	Changes	Price	Start Date	Weeks
010102	LS SHIRT-CHINO 1...	All	Standard	Circulating ...		0.6000	Apr 5, 2018	
010207	LS SHIRT-65/35 W...	All	Hanged	Circulating ...		0.3500	Apr 5, 2018	
100202	PANT 65/35 SOFT...	All	Hanged	Circulating ...		0.7000	Apr 5, 2018	

Which also has an authorization level. If you have additional questions about this new feature please reach out to your ABS Contact.

### 3.3 Owner of a contract is not automatically added as contract customer

<b>ABS NUMBER</b>	ABS-75556
<b>PURPOSE</b>	The goal of this development is to allow for a contract owner to own multiple contracts. This has been done by not adding the owner automatically to the users (contract customers) of the contract.
<b>AFFECTED DIALOGUES</b>	Contract
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	Contractmanagement
<b>AVAILABLE IN RELEASE</b>	9.03.00

With this change the owner of the contract is not added automatically as contract customer of the contract. With this change we allow a customer to own multiple contracts. This can be used for national accounts. When the customer is a single contract customer, the customer now needs to be manually added to the contract.

**Add Contract**

✓ Save ✗ Cancel

Code/Status: CONTRACT1 ☐ Approved ☐ Only Maintained By:

Description: New contract

Category/Currency: Primary Contract USD | US Dollar Contract Type: UNI | Uniforms

Owner: Customer 230310

PO Numbers | Validity | Price Settings | Components | Pricelist | General | Amendments | Contract Customers | Remark | In Use By | Secondary Contracts

**Contract Purchase Order Numbers**

+ Add ✎ Modify ✖ Delete 📄 Duplicate ↔ Replace PO Number 🗪 Grid Views

Start D...	PO Number	Expiration ...	PO Value	Invoiced A...	Warn Per...

**Inquiry Contract**

+ Add ✎ Modify ✓ Extend Contract ✖ Terminate Contract

Code/Status: NCONTRACT1 ☐ Approved ☐ Only Maintained By:

Description: New contract

Category/Currency: Primary Contract USD | US Dollar Contract Type: UNI | Uniforms

Owner: Customer 230310

PO Numbers | Validity | Price Settings | Components | Pricelist | General | Amendments | Contract Customers | Remark | In Use By | Secondary Contracts

+ Add 🔍 View ✖ Delete 🗪 Grid Views

Custom...	Name	Start Date	End Date	System U...	Timestamp	Install Date

### 3.4 Administrative option for License file management

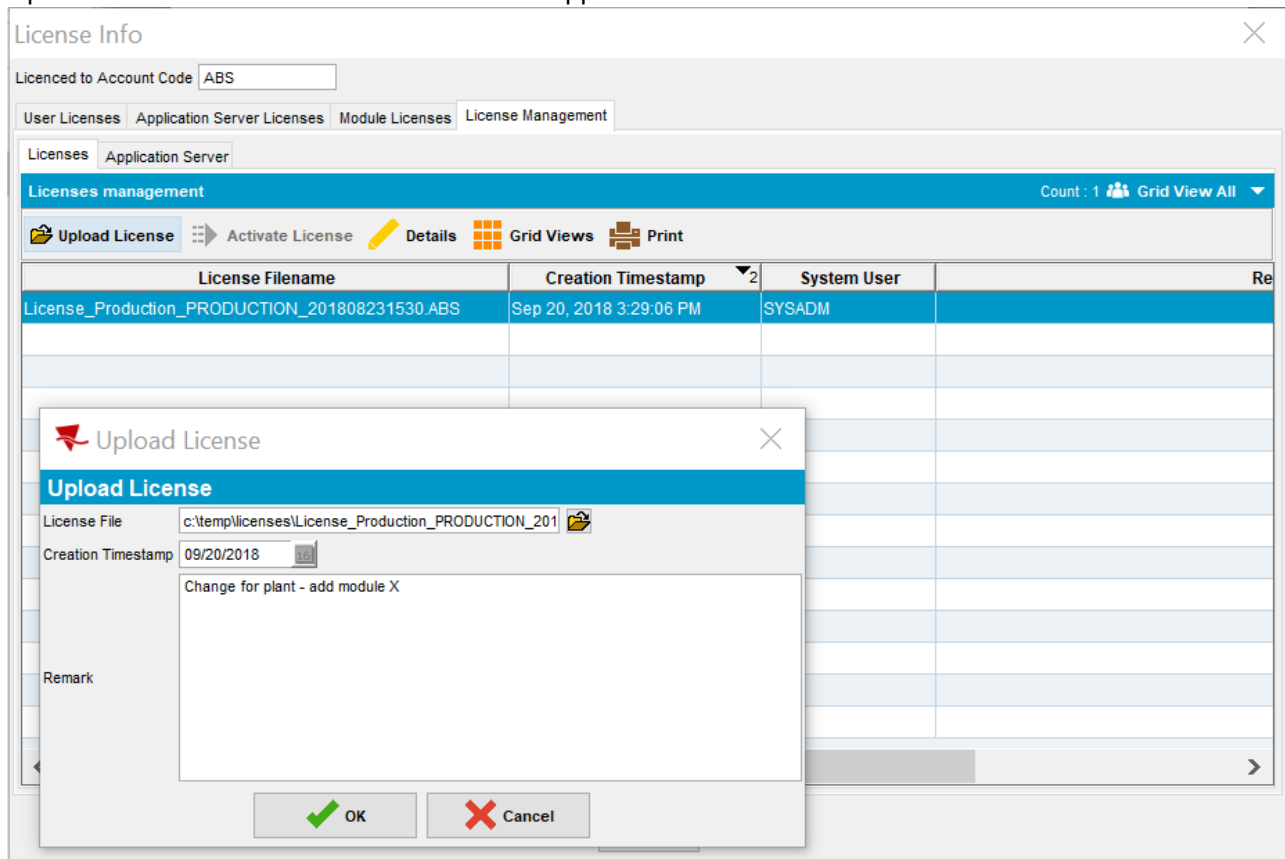
<b>PURPOSE</b>	Activate license changes without restarting the application servers so that users can continue working.
<b>AFFECTED DIALOGUES</b>	License info
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	-
<b>ABS NUMBER</b>	ABS-57262 & ABS-57263
<b>AVAILABLE IN RELEASE</b>	9.02.04

With this order is made possible to manage license file changes from within the ABSSolute application.

Only authorized system users like key functional system administrators are granted permission to manage license files.

With this order the following functionality is provided:

- Upload a new license file from the ABSSolute application



- Show reporting overview for license differences with active license

License Info

Licensed to Account Code

User LicensesApplication Server LicensesModule LicensesLicense Management

LicensesApplication Server

Licenses management

Count : 2 Grid View All

Upload License Activate License Details Grid Views Print

License Filename	Creation Timestamp	System U...	Remark
License_Production_PRODUCTION_20180823183...	Sep 20, 2018 4:42:12 PM	SYSADM	Changes for plant 20 for project task X
License_Production_PRODUCTION_20180823153...	Sep 20, 2018 3:29:06 PM	SYSADM	

License Changes

License Changes

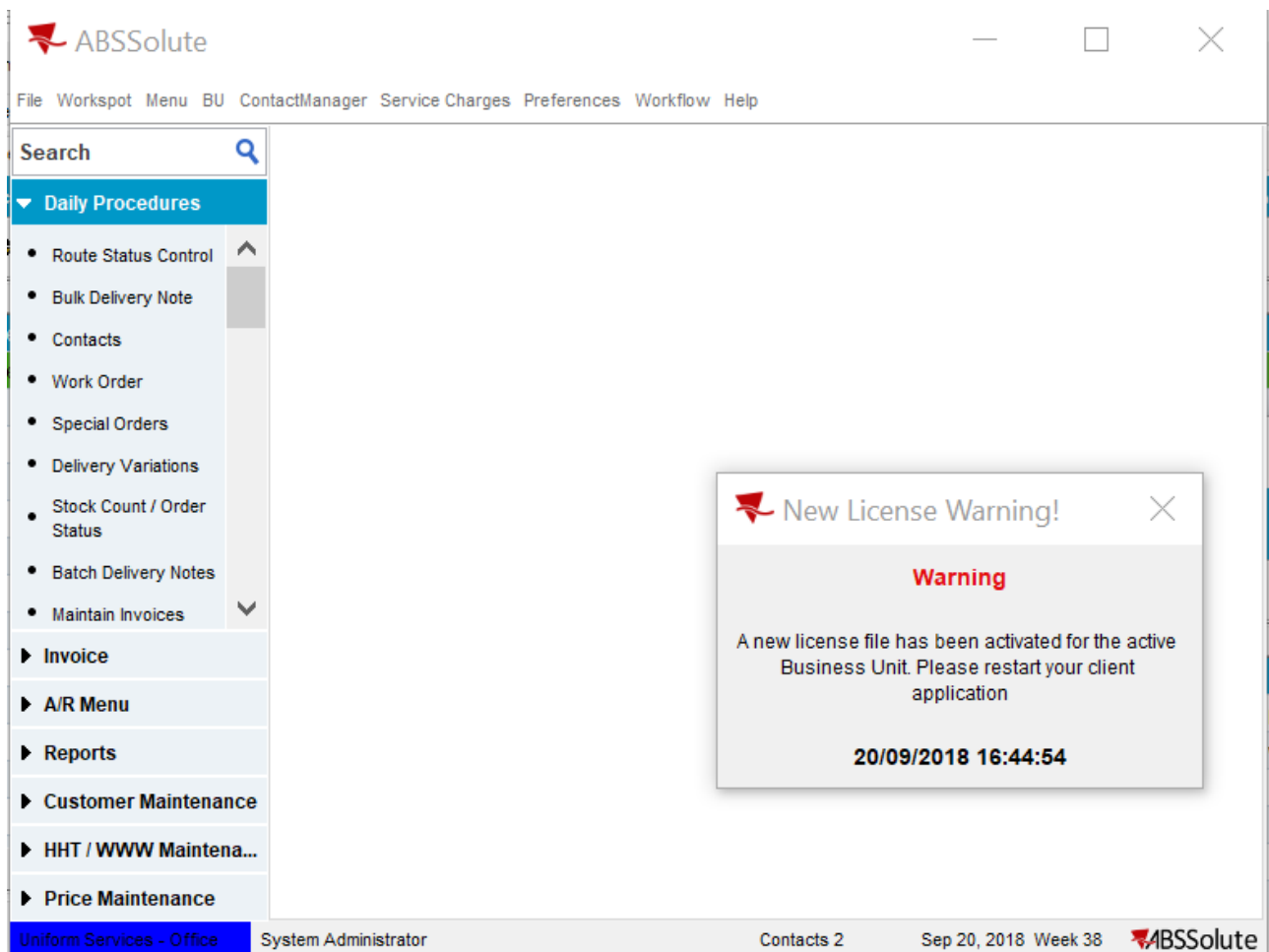
Changes

Print

Plant Code	Plant Name	Module Code	Module Name	
20	Uniform Services	UHFBUFFER	UHF Production Process Buffe...	Module end date was change
20	Uniform Services	SPARK	Spark Labelprinting	Module parameter was chan
20	Uniform Services	CONTACTMANAGER	Contact Manager	Module was removed!

Activate Cancel

- Inform affected end-users of the license change, users need to restart the client to use new licensed modules



Additional sub orders are made for supporting Online License File management:

- 1) Environment Enforcement: With this order a constraint is implemented for avoid license file for test environments to use in a production environment.
- 2) Active Server Validation: With this order a constraint is implemented that license files can only be uploaded when involved application servers are covered in the license.

Please contact ABS support for setting up your environments for online license file management.

### 3.5 Branding functionality

<b>PURPOSE</b>	The aim of the “Brand” function in the contract module is to allow subsets of the contract’s products, wearer functions and emblem templates to be copied to customers marked as being part of that Brand.
<b>AFFECTED DIALOGUES</b>	Contract, Product List Per Customer, Customer
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	CONTRACTMANAGEMENTBRAND
<b>ABS NUMBER</b>	ABS-70813
<b>AVAILABLE IN RELEASE</b>	9.02.04.a

#### Setup

First the contract must be defined as “branded” to enable the Brand tab

The screenshot shows the 'Modify Contract' window. At the top, there are 'Save' and 'Cancel' buttons. Below are various fields for contract details like 'Code/Status', 'Description', 'Category/Currency', and 'Contract Type'. A series of tabs are visible at the bottom: 'PO Numbers', 'Validity', 'Price Settings', 'Components', 'Pricelist', 'General', 'Amendments', 'Contract Customers', 'Remark', 'In Use By', 'Brand', and 'Secondary Contracts'. The 'Brand' tab is highlighted with a red box. A red arrow points from the 'Brand' tab to the 'Branded' checkbox in the 'Miscellaneous' section, which is also highlighted with a red box. The 'Branded' checkbox is currently checked.

Products need to be setup on the contract



Code	Description	Size	Finishing	Start Date	End Date	Released	Brandless
255507	Chef Coat - White	*	Hanged	2018-10-26	2021-10-31	<input checked="" type="checkbox"/>	<input type="checkbox"/>
255507W	Chef Coat - Blue/White	*	Hanged	2018-10-26	2021-10-31	<input checked="" type="checkbox"/>	<input type="checkbox"/>
704007	Aprons - Bib Visa Poly	OSFA	Folded	2018-10-26	2021-10-31	<input checked="" type="checkbox"/>	<input type="checkbox"/>
704007W	Aprons - Waist Visa	OSFA	Folded	2018-10-26	2021-10-31	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UL0344	LOGO MAT 3X5 HORI	-	Standard	2018-10-26	2021-10-31	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

NOTE: In this example, the Mat is set as brandless. This means all customers can use it regardless of their brand.

Then the Brands within the contract are then defined

Code	Brand	System U...	Timestamp
Blue Bar	Blue Bar	PER	Oct 26, 2018 9...
White Bar	White Bar	PER	Oct 26, 2018 9...

Products are then allocated to the brand

The screenshot shows two overlapping windows. The 'Modify Brand' window in the background has 'White Bar' selected in the 'Brand' field. The 'Contract Products' window in the foreground shows a list of products. The 'Available' list includes '255507W Chef Coat - Blue/Wh...' and '704007W Aprons - Waist Visa...'. The 'Selected' list includes '255507 Chef Coat - White' and '704007 Aprons - Bib Visa Poly'. Red boxes highlight the 'White Bar' brand in the 'Modify Brand' window and the 'Selected' product list in the 'Contract Products' window.

Here the brand “White Bar” is having white chefs jackets and bib aprons

NOTE: The mat is not listed as a product to add to the brand as it is brandless, so all brands automatically have it.

A product can be used on multiple brands

If required, the same process can be done with Emblem Templates and Wearer Functions

When I add a customer to a branded contract, you are forced to allocate them to a Brand.

The screenshot shows the 'Add Customer to Contract' window. The 'Contract' field is set to 'BRAND DEMO'. The 'Contract Customer' field shows '2000159/Schiphol White Bar'. The 'Brand' field is highlighted with a red box. The 'Contract Customer' field also shows '2000159/Schiphol White Bar'. The 'Brand' field is highlighted with a red box.

Here, customer Schiphol White Bar is being added to the contract and the brand field is mandatory

NOTE: The ability to choose a selection is now disabled as it is assumed that a branded customer will use all the Products, Emblem Templates and Wearer Functions for the brand and brandless ones.

The customer's PLPC now contains the White Bar Branded products and the brandless products as a subset of the contract

[illegible]

NOTE: If I use the ADD function within PLPC and the contract is set for contract products only, I can only choose from the Branded products for this brand and brandless products.

The same process is available for Emblem Templates and Wearer Functions.

### 3.6 Capture Contract Sign Date, Start Date, Install Date, and Renegotiation Date to auto populate upon first delivery

<b>PURPOSE</b>	Capture Contract Sign Date, Start Date, Install Date, and Renegotiation Date to auto populate upon first delivery to prevent that they are captured in the wrong manner.
<b>AFFECTED DIALOGUES</b>	Contract
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	Contract Management
<b>ABS NUMBER</b>	ABS-64246
<b>AVAILABLE IN RELEASE</b>	9.02.04.a

With this development, in regards to your contracts often times the start date is not captured in the correct manner. Often times ABS customers were using the start date as the contract signed date. So we now have the ability to have multiple dates captured within the contract. We now have a contract Signed Date, which is the date the customer signed the contract. A Start Date which automatically is filled in upon the first delivery documents being finalized for a customer. Once that first delivery is completed the End Date of the Contract as well as the Renegotiation Date is filled in with the proper dates based on the first delivery and details of when renegotiation should take place, maintaining the customer fulfills the terms of contract. As well as providing the laundry more visibility of what contracts need to be renegotiated, and when.

This can also be maintained and visible by each Contract Customer.

Customer Number	Name	Start Date	End Date
3232	ABSSGSN	Aug 14, 2018	Mar 31, 2023
123321	GSN Test 2	Mar 6, 2018	Mar 31, 2023

### 3.7 Lock down accounts to be managed by one group

<b>PURPOSE</b>	Allow relevant users access to modify details of certain accounts and block other users from doing so.
<b>AFFECTED DIALOGUES</b>	Contract, Wearers, PLPC, Consumption Point Logistics
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	Contract Management
<b>ABS NUMBER</b>	ABS-64247
<b>AVAILABLE IN RELEASE</b>	9.03.00

With this development some additional features were added to the Contract dialog to provide the ability to specify specific Price Lists, Products, Emblem Templates and Wearer Functions to a specific customer tied to the contract. When marking a contract as being Branded you are able to select specific Products, Emblem Templates and Wearer Functions that are used for each specific customer. For example if you had a customer who had multiple Auto Dealerships, all being a different Car company you could have them all tied to the one contract, and only make their specific Products, Emblem Templates and Wearer Functions available to each dealership.

This allows you to still have the capability of managing all of the Contracted items in one location for multiple customers, while ensuring that for each Contract Customer there is only their items available for use at the Product List per Customer dialog.

The screenshot displays the 'Brand' dialog box in the ABSSolute software. The 'Brand' tab is selected, showing a 'Code' field with 'Test 1' and a 'Description' field with 'Test Co1'. Below these fields are tabs for 'Products', 'In Use By', 'Emblem Templates', and 'Wearer Functions'. The 'Products' tab is active, showing a 'Count : 0' and a 'Grid View All' button. The 'Contract Products' dialog box is open, showing a 'Code' field with 'Test 1' and a 'Description' field with 'Test Co1'. Below these fields are tabs for 'Products', 'In Use By', 'Emblem Templates', and 'Wearer Functions'. The 'Products' tab is active, showing a table of available products.

Product	Product Desc.	Size	Finishing ...	Start Date
LS SHIRT		*		2018-03-06
PANT		*		2018-03-06
SHORT-S		*	HANGED	2018-03-06
				2018-03-06

In addition to this you have the ability to specify a specific quantity of items per wearer, making anyone setting up the wearer to not have the ability to create a work order for less or more than the quantity per wearer detailed in a contract.

Contract Product

Modify Contract Product

Save and Exit Exit First Previous Next Last Release

General  
Billing  
Additional  
Budget Protection  
Ordering & Delivery  
Miscellaneous

**Modify Ordering & Delivery**

Apply

Contract 123321 | GST Test 3 Owner 123321 | GSN Test 2  
Product Start Date 03/06/2018  
Size / Finishing Method End Date 03/31/2023

**Ordering & Delivery**

Order Method ☐ Delayed Even Exchange  
Return   
Include ☐ Delivery Frequency  
☒ Fixed Delivery Scheme  
☐ Straight Even Exchange

☒ Product Level Quantity Control ☒ Locked ☐ Unlocked

**Logistics**

☐ Soil Counted, Method  Allow Return to Stock Yes, all sizes  
☐ AutoSoil/Percentage 0.0 Ragged Item Action Not defined(follow system setting)  
☐ Clean Counted  
☐ On Site Inventory Count  
☒ Issue Uniquely Coded  
☐ Automatic Sales during Issue

This functionality also works for Non-garments where a typical user cannot change the quantity, delete or duplicate a product, and more. Essentially locking the account down so people without authorization that have access to specific dialogs cannot make changes that go against the contract.

**Consumption Point Logistics**

**Modify Consumption Point Logistics**

☒ Save and Exit
 ☒ Exit

Customer: 1000010 | PBR PO Test
 Last Packing Date: Jul 31, 2018  
 Department: 1 | -
 Consumption Point: 1 | -

Delivery Standards: **Stock Levels / Ordering sequence** | Inventory | Visits | Pending Deliveries

Transport Article: 01 | Cart
 Number Of Transport Articles: 1
 ☐ Show products having qty of 0 on packing note  
 Plant Department:
 Truck Load Position:
 ☐ Deliver Sterile
 ☐ Clean Return

☐ Correct with next delivery
 ☐ Shortages
 ☐ Over Deliveries

☐ Allow recalculate
 ☐ Standard Deliveries
 Consumption Days: 5

**Products** Count: 1 Grid View All

☒ Include temp stop and not in season
 ☒ Only active

Code	Description	Size Code	Fin. Meth. Co...	Del. Sch. Code	MO	TU	WE	TH	FR	SA	SU
012346	Restroom	12502	-	01W01		5					

Consumption Point Product

Modify Consumption Point Product

Save and Exit

Exit

First

Previous

Next

Last

Customer

1000010 | PBR PO Test

Department/Cons. Pnt

1 | -

1 | -

Product

012346 | Restroom

Size/Fin. Method

12502 | 12502

- | Standard

Start Date

04/27/2018

End Date

04/30/2023

Ordering

Ordering Method

☐ Count Stock

☒ Order

Holiday Usage Factor

100

Circulation Inventory

Circulating

6

On-site

25

Allow recalculate

☐ Standard Deliveries

Packing / Delivery

Delivery Scheme

01W01 | Weekly

Delivery On

Standard De...

☐ MO

0

☒ TU

5

☐ WE

0

☐ TH

0

☐ FR

0

☐ SA

0

☐ SU

0

Billing

Fixed Qty

5

Packing

Location

Instructions

Renewal

☐ Renewal From

to

☐ Done

At Day

☐ MO

☐ TU

☐ WE

☐ TH

☐ FR

☐ SA

☐ SU

Add Temporary Stop

History

Show in calendar



### 3.8 Extend Contract PO Functionality

<b>PURPOSE</b>	Extend contract and customer PO functionality
<b>AFFECTED DIALOGUES</b>	Contract
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	Contract Management, ContractPO
<b>ABS NUMBER</b>	ABS-62308 & ABS-67852
<b>AVAILABLE IN RELEASE</b>	9.02.03.a

Several usability improvements have been made to Contract PO functionality.

#### 3.8.1 Estimated Remaining Weeks on Contract Purchase Orders

The Est. Weeks Remaining field for Contract Purchase Order Numbers dialogue displays the expected time remaining on the PO, based on the average usage.

**Contract Purchase Order Numbers**

**Modify Contract Purchase Order Numbers**

Save and Exit Exit First Previous Next Last

Contract: [Field]  
Contract Owner: 1

**Contract Purchase Order Number**

Start Date: 04/23/2018 16 Expiration Date: 06/18/2018 16  
PO Number: 1  
Value: USD 112.000 Warn when: 0.00 % is reached or  
Invoiced Amount: USD 109.000 97.32 % 1 days before expiration  
Open: USD 3.000 2.68 % When Value is reached: ☒ Close PO  
**Est Weeks Remaining: 0** ☐ Continue until expired (exceed PO value)  
☐ Continue until expired or 100.00 %  
☐ Only use for BU [Field]  
☐ Single Customer PO [Field]

Invoice Line Types Customers Usage  
☒ Only use this PO for invoice line types specified below

**Invoice Line Types** Count: 1 Grid View All

+ Add - Delete Grid Views Print

Type	Description	Tax Type
1	Rent	2

### 3.8.2 Purchase Order on Invoice dialogue

If an invoice contains invoice lines linked to multiple POs, the Purchase Order field in the Invoice dialogue will display "<Multiple>".

The screenshot shows the 'Modify Invoice' window. At the top, there are buttons for 'Save and Exit', 'Cancel', 'First', 'Previous', 'Next', 'Last', and 'Purchase Orders'. Below these are fields for 'Date' (06/11/2018), 'Delivery Date', 'Original Invoice Date', 'Del To Customer', 'Route' (11), 'Payment Type' (Charge), 'Bill To Customer', 'Stop' (0), 'Total Amount' (88.188), 'Currency', and 'Purchase Order' (<multiple>). The 'Purchase Order' field is highlighted with a red box. Below the form is a table of 'Invoice Lines' with columns: Lin..., Type, Wearer Number, Code, Description, Quantity, Price, Amount, Adj. Q..., Adj. A..., PO Line N..., and PO Number. The table contains four rows of data.

Lin...	Type	Wearer Number	Code	Description	Quantity	Price	Amount	Adj. Q...	Adj. A...	PO Line N...	PO Number
1	Rent		010104		1	22.0000	22.000	0	0.000	6	
2	Sales		010210		1	33.0000	33.000	0	0.000	1	
9001					0	0.0000	28.000	0	0.000		
9501					1	0.0000	1.375	0	0.000		

### 3.8.3 Adding Products to Contract Purchase Orders

Specific products can now be linked to a PO through the Contract Purchase Order Numbers dialogue.

The screenshot shows the 'Modify Contract Purchase Order Numbers' window. It has buttons for 'Save and Exit', 'Exit', 'First', 'Previous', 'Next', and 'Last'. Fields include 'Contract' (2000000), 'Contract Owner' (2000000), 'Contract Purchase Order', 'Start Date', 'PO Number', 'Value', 'Invoiced Amount', 'Invoiced (inc. unsettled)', 'Open', 'Est Weeks Remaining', 'Only use for BU', 'Single Customer PO', and 'Contract Purchase Order Lines'. An 'Add Contract Purchase Order Lines' dialog is open over the main window. The dialog has buttons for 'Save and Exit', 'Cancel', 'First', 'Previous', 'Next', and 'Last'. Fields include 'Contract' (2000000), 'Contract Owner' (2000000), 'Line Number' (1), 'Customer', 'Product' (082005), 'Size Definition' (15501), 'Finishing Method', 'Wearer' (1), 'Quantity' (2), and 'Price' (0.0000). Below the dialog is a table with columns: Line Number, Customer Number, Customer Name, Product C..., and Product Desc.

Line Number	Customer Number	Customer Name	Product C...	Product Desc

### 3.8.4 Adding Contract Purchase Order Lines to Invoice

The PO Number can now be selected when adding an invoice line through the Invoice dialogue.

The screenshot shows the 'Add Invoice Line' dialog box. The 'PO Number' dropdown menu is highlighted with a red box. The dialog includes fields for Invoice#, Date, Customer, and Line Details. The 'Type of Line' is set to '2 Delivery (wash)'. The 'Product' is '010102' and 'Size' is '14502'. The 'Finishing Method' is 'Standard'. The 'Quantity' is '1', 'Price' is '20.0000', and 'Amount' is '20.000'.

### 3.8.5 Change Purchase Order

An invoice's related PO can now be changed. The drop-down menu displays POs related to this customer. When adding an invoice line type Rent, the drop-down menu only displays POs with that specific invoice line type and POs for which no line type is specified.

The screenshot shows the 'Change Purchase Order' dialog box. The 'New PO Number' dropdown menu is highlighted with a red box. The dialog includes fields for Del To Customer, Invoice Number, Invoice Date, and Invoice Amount. A table titled 'PO Numbers' shows the current PO and a list of available POs. The 'Process' button is highlighted.

PO Number	Invoiced Value	New PO Number
	50.000	
	3.126	

### 3.9 Change delivery scheme when moving stops

ABS NUMBER	ABS-59672
PURPOSE	Provide possibility to change delivery scheme when moving route stops
AFFECTED DIALOGUES	Customer, Route Stops
SYSTEM SETTINGS	CHANGEDELIVERYWEEK
MODULES	-
AVAILABLE IN RELEASE	9.02.01.a

With this order the possibility to be flexible with route management is greatly enhanced.

In the move stop functionality started from Route Stops and Customer dialogue it is now possible to also change the delivery scheme:

**Move Route Stop**

From		To	
Day	Freitag	Day	Donnerstag
Route	512001   E 001	Route	412001   D 001
Stop	0	Stop	0
Delivery Scheme	02W02	Change Week	03W03
Last visited on	03/07/2018   16   Wednesday , week 10	First visited on	03/15/2018   16   Thursday , week 11

When moving the route stop and changing the delivery scheme the products on CPL level will receive an end date and a new line will be created based on the new delivery scheme with start date of the new route stop:

**Modify Consumption Point Logistics**

Save and Exit Exit First Previous Next Last

Customer  Last Packing Date  Mar 9, 2018  
 Department  1 Consumption Point

Delivery Standards ☒ Stock Levels / Ordering sequence ☐ Inventory ☐ Visits ☐ Pending Deliveries

Transport Article  PAKET Number Of Transport Articles  1 ☒ Show products having qty of 0 on packing note  
 Plant Department  Truck Load Position  Correct with next delivery ☒ Shortages  
☐ Deliver Sterile ☒ Over Deliveries  
☐ Clean Return  
 Allow recalculate ☐ Minimum Stock Quantity ☐ Standard Deliveries Consumption Days  5

**Products**

Add Modify Delete Duplicate Copy From Grid Views Print

Code	Description	Size Code	Fin. Meth. Co...	Del. Sch. Code	MO	DI	MI	DO	FR	SA	SO	Start Date	End Date	System U...	Timestamp
312000		-	-	01W01				0	10			Feb 21, 2018	Feb 22, 2018	JDV	Mar 6, 2018 2:56 PM
312000		-	-	01W01					10			Feb 23, 2018		JDV	Mar 6, 2018 2:56 PM
312800		-	-	01W01					10			Feb 23, 2018		JDV	Mar 6, 2018 2:56 PM
312800		-	-	01W01				0	10			Feb 21, 2018	Feb 22, 2018	JDV	Mar 6, 2018 2:57 PM
313700		-	-	01W01				0	10			Feb 21, 2018	Feb 22, 2018	JDV	Mar 6, 2018 2:57 PM
313700		-	-	01W01					10			Feb 23, 2018		JDV	Mar 6, 2018 2:57 PM
313800		-	-	01W01					10			Feb 23, 2018		JDV	Mar 6, 2018 2:57 PM
313800		-	-	01W01				10	10			Feb 1, 2018	Feb 22, 2018	JDV	Mar 6, 2018 2:56 PM
321700		-	-	01W01					10			Feb 23, 2018		JDV	Mar 6, 2018 2:57 PM
321700		-	-	01W01				10	10			Feb 21, 2018	Feb 22, 2018	JDV	Mar 6, 2018 2:56 PM
81010B		-	-	01W01					10			Feb 23, 2018		JDV	Mar 6, 2018 2:57 PM
81010B		-	-	01W01				0	10			Feb 14, 2011	Feb 22, 2018	JDV	Mar 6, 2018 2:56 PM
G20100		-	-	01W01					10			Feb 23, 2018		JDV	Mar 6, 2018 2:57 PM
G20100		-	-	01W01				0	10			Feb 14, 2011	Feb 22, 2018	JDV	Mar 6, 2018 2:56 PM
MA13U		-	1W	01W01				3	10			Feb 21, 2018	Feb 22, 2018	JDV	Mar 6, 2018 2:56 PM
MA13U		-	1W	01W01					2			Feb 23, 2018		JDV	Mar 7, 2018 7:59 AM
MA14U		-	1W	02W02					4			Feb 23, 2018	Mar 13, 2018		Mar 7, 2018 9:31 AM
MA14U		-	1W	03W03				4				Mar 14, 2018			Mar 7, 2018 9:31 AM
MA14U		-	1W	01W01				5	10			Feb 21, 2018	Feb 22, 2018	JDV	Mar 6, 2018 2:56 PM
MA25U		-	-	04W03					6			Feb 23, 2018		JDV	Mar 7, 2018 7:59 AM
MA25U		-	-	01W01				3	10			Feb 22, 2018	Feb 22, 2018	JDV	Mar 6, 2018 2:58 PM
SW9905		-	GEF-A	01W01					10			Feb 23, 2018		JDV	Mar 6, 2018 2:56 PM
SW9905		-	GEF-A	01W01				0	10			Feb 20, 2012	Feb 22, 2018	JDV	Mar 6, 2018 2:58 PM

This functionality has been made available via a system setting => CHANGEDELIVERYWEEK

**System setting**

**Modify System setting**

Save and Exit Exit First Previous Next Last

Plant

Setting Group  Customer Screen Settings

Name  CHANGEDELIVERYWEEK

Type  Integer

Value  0

☒ Fixed Value ☐ Default Value

Factory Default  0

Description  Other Plants

When set to 1 and change the route, it is also possible to change the delivery week (delivery scheme).

With this new system setting on value 1 the new fields in the respective dialogue are becoming available.

### 3.10 Procedure to release products at Contract level for PLPC and RA use

<b>ABS NUMBER</b>	ABS-
<b>PURPOSE</b>	Create release procedure for contract products, to ensure that new records have all fields properly filled before being used at PLPC, or on Route Assistant
<b>AFFECTED DIALOGUES</b>	Contract
<b>SYSTEM SETTINGS</b>	
<b>MODULES</b>	Contract Management
<b>AVAILABLE IN RELEASE</b>	9.02.01.a

In the Contract dialog, a new procedure has been put in place to ensure that all mandatory fields for a product are filled in with valid data before the product can be used at the PLPC level, or used on the Android Route Assistant.

At the Contract Product level, a new button has been added to the header - Release:

When pressed, a check is done for this product that the following fields have valid data:

- Product billing method
- Price (depending on billing method - rent, wash, sales)
- Minimum turnaround percentage (for billing method 2)
- Residual Value Scheme
- Automatic sales checked (for COG and automatic sales items)

If any of these checks fail, an error message will be displayed for the user to alert them as to which fields need to be completed before the product can be released.

In the grid view of the Contract Components window, a column has been added to show whether a product has been released or not:

The screenshot shows the 'Contract Components' window with the 'Modify Products' tab selected. The left sidebar contains a tree view with categories like Product Settings, Invoicing, Payment, and Products. The main area displays a grid of product information. A red box highlights the 'Released' column, which contains checkboxes for each product.

Code	Description	Size	Finishing ...	Start Date	End Date	System U...	Timestamp	Not all Customers	Released
JT22NV		*	-	2013-03-18	2018-03-31	BAN	2018-04-1...	<input checked="" type="checkbox"/>	<input type="checkbox"/>
JT38BK		*	-	2007-04-27		CONVERSL...	2017-08-1...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
JT38CH		*	-	2007-04-27		CONVERSL...	2017-08-1...	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IT28BK		*	-	2007-04-27		CONVERSL...	2017-08-1...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## 4 Linen

### 4.1 Define contract quantities and invoice overuse

<b>ABS NUMBER</b>	ABS-57743
<b>PURPOSE</b>	Create the possibility to provide fixed qty. Free of Charge items in combination with a rental product
<b>AFFECTED DIALOGUES</b>	Consumption Point Logistics / Product List per Customer
<b>SYSTEM SETTINGS</b>	<ul style="list-style-type: none"> <li>• FREEOFCHARGEINCLPERDATE</li> <li>• FREEOFCHARGECP (depending on FREEOFCHARGEINCLPERDATE)</li> <li>• OVERUSENOTIFICATION (depending on FREEOFCHARGEINCLPERDATE)</li> <li>• OVERUSENOTIFICATIONLIMIT (depending on FREEOFCHARGEINCLPERDATE)</li> </ul>
<b>MODULES</b>	-
<b>AVAILABLE IN RELEASE</b>	9.02.01.a

With this implementation it is now possible to create a contract product that has a certain fixed quantity per year.

For example a Towel dispenser is rented and with that towel dispenser a certain qty comes free of charge as part of the contract. Every item delivered more than the contract free of charge quantity will charged as overuse.

The period that the free of charge is valid is to be chosen by the system user by using system setting: FREEOFCHARGECP => per invoice / invoice period or contract quantity per period (currently limited to year)

On consumption point logistics it is now possible to add a free of charge quantity for the selected period.

The screenshot displays three overlapping windows from the ABSSolute software interface:

- Consumption Point Product:** This window is at the top. It contains fields for Customer, Department/Cons. Pnt, Product, Size/Fin. Method, Start Date, and End Date. It also has tabs for 'Ordering' (with 'Count Stock' and 'Order' options) and 'Packing / Delivery' (with 'MO', 'DI', 'MI', 'DO', 'FR', 'SA' checkboxes). The 'Ordering' section includes 'Holiday Usage Factor' (100%), '% Qty Free of Charge' (5), and 'Fixed Period' (Per year).
- Free Of Charge Quantities:** This window is in the middle. It has fields for Customer, Department, Consumption Point, Product, Size / Finishing Method, Quantity, and Quantity already delivered. It includes radio buttons for 'Monthly', 'Per Invoice', and 'Fixed Period' (selected). It also has a table for 'Current + Future Adjustments' with columns for Date, Quantity, Remark, System U..., Timestamp, and Adjustme... The table shows two entries: one for Mar 14, 2018 with a quantity of 5, and another for Mar 13, 2019 with a quantity of -5.
- Free Of Charge Adjustment:** This window is on the right. It contains fields for Customer, Department, Consumption Point, Product, Size / Finishing Method, and Quantity. It has radio buttons for 'Monthly', 'Per Invoice', and 'Fixed Period' (selected). It also includes fields for Date, Adjustment Type, Expiration Date, and a 'Renew on expiration date' checkbox.



When the overuse quantity is coming closer or is reached the service employee for this customer be able to receive an email notification. This email will be send via the process scheduler.

Within this email the service employees will be notified when customers will meet the free of charge agreement.

## 5 Garments

This section contains the main garments specific improvements to ABSSolute.

### 5.1 Move item to another wearer in maintain unique items

ABS NUMBER	ABS-68237
PURPOSE	Easier way to move 1 items
AFFECTED DIALOGUES	Maintain unique
SYSTEM SETTINGS	-
MODULES	-
AVAILABLE IN RELEASE	9.02.03.a

A new button (shortcut Ctrl-M) is created to open the 'move' window to move 1 item to another wearer. Functionality is same as the already existing move function in the wearer dialog.

### 5.2 Contract forced Emblem Templates and Wearer Functions

ABS NUMBER	ABS-69595
PURPOSE	To only allow specific emblems and uniform templates forced by the Contract
AFFECTED DIALOGUES	Contracts
SYSTEM SETTINGS	-
MODULES	CONTRACTMANAGEMENT
AVAILABLE IN RELEASE	9.03.00

With this development Emblem Templates and Wearer Functions can now be created within the Contract Dialog. This allows the contract to force the use of Emblem Templates and Wearer Functions, thus controlling the details of the contract and the account. Compliancy rules are also built around these features to prevent changes being made by users who should not be making changes to contract related items.

**Modify Contract**

Save Cancel

Code/Status: 3232 Approved

Description: GSN Test

Category/Currency: Primary Contract \$ | US Dollar Contract Type: 2 | Master

Owner: Customer 32 | GSN Test

Validity Price Settings Components Pricelist General Amendments Contract Customers Remark In Use By Secondary Contracts

**Components**

Compliancy Reload

Template: 1 | GSN Compliancy Apply Template

**Contract Components**

Product Settings Emblem Templates Wearer Functions Invoicing Payment Miscellaneous Products Quantity Control

Contract Components

Contract Components

Save

Exit

Product Settings

Emblem Templates

Wearer Functions

Invoicing

Payment

Miscellaneous

Products

Quantity Control

Modify Emblem Templates

Apply

Emblem Template Compliance

Compliance ☒ Allow Emblem Templates Not In Contract

Emblem Templates Count : 0

+ Add

Contract Emblem Template

Save and Exit

Cancel

First

Previous

Next

Last

Contract

3232

GSN Test

Prep Charge

2.0000

Template Code

☒ Active

Total Amount Emblems

0.0000

Description

?

Total Amount Labels

0.0000

☐ Printed Name Label Applicable

Total Prep&Emblem

2.0000

☐ Charge Rent

Rent Price / Week

☐ Embroidery

Emblems Count : 0 Grid View All

+ Add

Modify

Delete

Duplicate

Grid Views

Print

Type	Product Code	Product Description	Description	Quantity

Contract Components

## Contract Components

Save
 Exit

- Product Settings
- Emblem Templates
- Wearer Functions**
- Invoicing
- Payment
- Miscellaneous
- Products
- Quantity Control

### Modify Wearer Functions

Apply

#### Wearer Function Compliancy

Compliancy ☒ Allow Wearer Functions Not In Contract

#### Contract Wearer Functions

Add
 Modify
 Delete
 Duplicate
 Grid Views
 Print

Contract Wearer Functions

Code

#### Add Contract Wearer Functions

Save and Exit
 Cancel
 First
 Previous
 Next
 Last

Contract 3232 | GSN Test

Code

Description ?

#### Defaults

Fixed Wearer Price

#### Special Grading Defaults

☐ Minimum Grade
☐ Maximum Grade

#### Specific Label Layouts

☐ Specific Code Label
☐ Specific Name Label

#### Contract Default Inventory

Count : 0 Grid View A

Add
 Modify
 Delete
 Duplicate
 Grid Views
 Print

Code	Description	Max.Inv	Chgs/wk	Template

As you can see the overall look and feel of Emblem Templates and Wearer Functions remains the same.

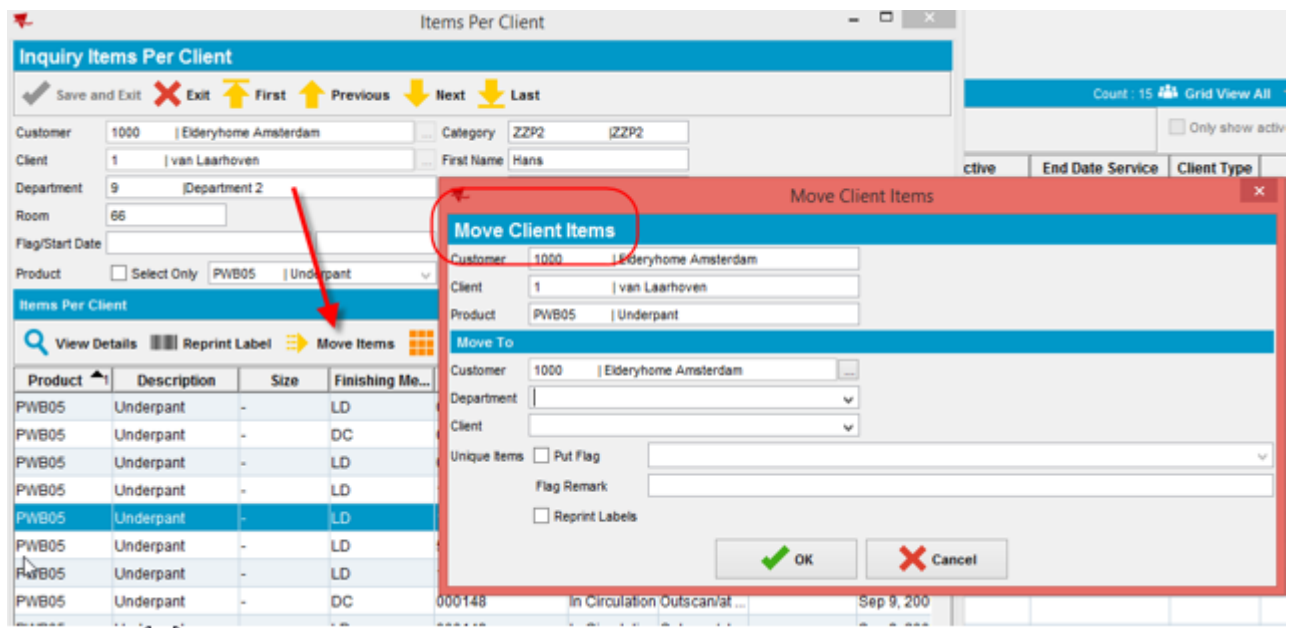
## 6 Residential

This section contains the main Residential improvements to ABSSolute.

### 6.1 Create move scan when moving residential items

ABS NUMBER	ABS-23648
PURPOSE	Register the residential items are moved
AFFECTED DIALOGUES	Client
SYSTEM SETTINGS	-
MODULES	-
AVAILABLE IN RELEASE	9.03.00

When you move items from one client to another in the client dialog, for every moved item a move-scan is created.



This will allow for better traceability of the uniquely coded residential items. And provide an indication of when residential items are moved from clients to clients.

## 6.2 Divide Special Charges Between Customer and Client

<b>PURPOSE</b>	Divide Special Charges between the customer and residential clients
<b>AFFECTED DIALOGUES</b>	Client Invoice Categories
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	-
<b>ABS NUMBER</b>	ABS-46604
<b>AVAILABLE IN RELEASE</b>	9.02.03

When “Split” is selected on the Client Invoice Category dialogue, it is now possible to define per Special Charge if it will be charged to the customer or to the client. To do this, select “Customer” or “Client” under “Invoice to” when adding a Special Charge to the Client Invoice Category grid.

The image shows two overlapping software dialogues. The background dialogue is titled 'Client Invoice Category' and has a tabbed interface with 'Special Ch' selected. It contains fields for 'Customer', 'Code' (value: 2), and 'Description' (value: ABS-Test). Under 'Invoice to', the 'Split' radio button is selected. The foreground dialogue is titled 'Special Charge per Client Invoice Category'. It has fields for 'Customer', 'Client Invoice Category' (value: 2), and 'Special Charge' (value: ?). It also includes 'Type', 'Frequency', 'Default Value', and 'Specific Value for this Client' (unchecked). The 'Old Amount' and 'New Amount' are both 0.000, with a currency dropdown set to 'EUR'. The 'Start Date' is empty. At the bottom, the 'Invoice to' section has 'Customer' and 'Client' radio buttons, with 'Client' selected.

Please note that this functionality only works for Special Charges with a fixed amount and not with Special Charges based on a percentage.

### 6.3 Generate Multiple Residential Labels

<b>PURPOSE</b>	Generate multiple labels for new/uncoded residential items
<b>AFFECTED DIALOGUES</b>	Touchscreen Residential Inscan and Outscan
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	Residential Laundry Services
<b>ABS NUMBER</b>	ABS-60417
<b>AVAILABLE IN RELEASE</b>	9.02.03.a

Pressing the “New Label” button from the residential in- and outscan dialogues now allows the user to specify the amount of labels that needs to be printed, as well as the product they need to be printed for. A red banner indicates which product is currently selected. The + and – buttons can be used to increase or decrease the quantity. Alternatively, the quantity field itself can be pressed for numerical entry.

Pressing the “OK” button sends the requested amount of labels to the printer and returns the user to the scan dialogue.

The screenshot displays the 'Generate Label' interface. At the top, the title 'Generate Label' is in a blue bar. Below it, the 'Client' field shows '8'. The 'Products' section has three buttons: 'UNDERWEAR' (blue), 'OTHER' (orange), and 'DRY CLEAN' (green). A red banner highlights the 'SHORT' product. Below this, there is a 'NAPKING' product with a red vertical bar next to it, indicated by a red arrow. At the bottom, the 'Wash Process' section shows 'Washprocess 3' and the 'Color' field shows 'White'. On the far right, there are minus, plus, and a quantity field showing '3' buttons, with red arrows pointing to them.

#### 6.4 Enhancements assign residential labels in web portal

ABS NUMBER	
PURPOSE	Easier to assign multiple labels
AFFECTED DIALOGUES	-
SYSTEM SETTINGS	-
MODULES	PWBWEB
AVAILABLE IN RELEASE	9.02.01.a

When assigning multiple items to a client there is a new button that was created to called "Assign & Next". Previously every time you assigned a new label all fields had to be entered again. With this button, you can scan the next ID code. All fields as selected on the previous ID will stay the same. Another change is the color dropdown is filtered for residential colors only.

### Assign Labels

Scan ID

000333

✓

Client

1 van Laarhoven

▼

Product

Shirt

▼

Finishing Method

Dry Clean

▼

Washing Process

-

▼

Color

-

▼

Price

0,00

Remark

< Cancel

Assign & Next

Assign & Exit



## 6.5 Reprint residential labels option in Web Portal

ABS NUMBER	ABS-49586
PURPOSE	Reprint option for residential labels on Web Portal
AFFECTED DIALOGUES	-
SYSTEM SETTINGS	-
MODULES	PWBWEB
AVAILABLE IN RELEASE	9.02.01.a

For customers of a laundry that do print residential labels on the web portal there was no option to 'reprint' a label.

In the dialog to see details of a unique item a new Reprint button will be available.

**View Garments**

ID code 000656  
Client 2 Sjaak Product PWB01 Pants

**Garment** Flags Scans

[Reprint Label](#) [Move to oth](#)

**Product Info**

Product	Pants
Finishing Method	Laundry
Washing Process	Rewashes 0
Color	

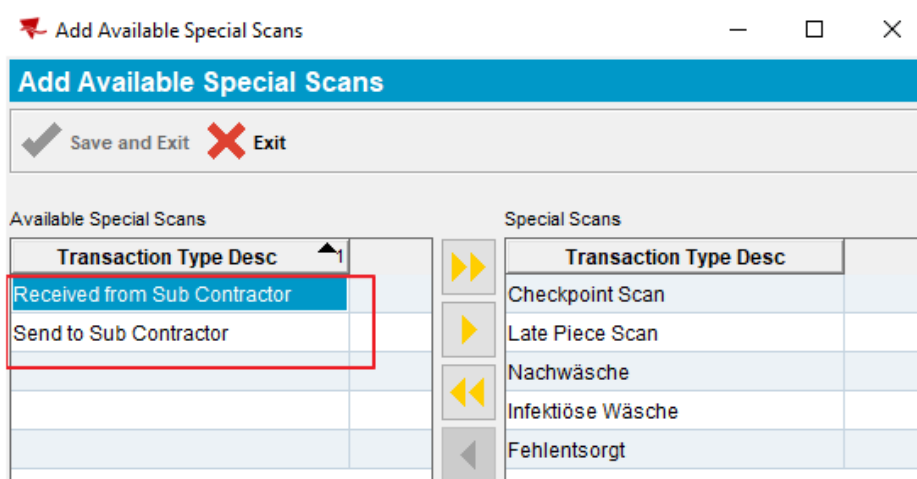
**Actual**

Current Stay	Outscan/at cust
Washes	1

## 6.6 Residential special scans are added for sending to and receiving from sub contractors

<b>ABS NUMBER</b>	ABS-58755
<b>PURPOSE</b>	Enable registering that a residential item is sent to or received back from a sub contractor.
<b>AFFECTED DIALOGUES</b>	Residential special scan
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	Special residential scans
<b>AVAILABLE IN RELEASE</b>	9.02.01.a

The list with available residential special scans has been extended with these 2 scan types:



The laundry can use the "Send to sub-contractor" scan at the moment that an item is sent to an external company e.g. for dry cleaning that cannot be done in house. The completeness check for residential items will show those items so that the laundry employee can see that the missing items are currently at the sub contractor's side.

ABSSolute has an option to reserve boxes in your batch for the special scan items that are waiting to be returned to the customer. The items with special scan "Sent to sub-contractor" are not taken into consideration for calculating the number of boxes that would be needed for them because you can assume that those items are not present in the laundry. Those will only be taken into consideration after a "Received from sub-contractor" scan has been made.

## 7 Billing

This section contains the main billing-related improvements to ABSSolute.

### 7.1 Direct Invoice frequency 5, change cut-off date

ABS NUMBER	ABS-68840
PURPOSE	Allow charging rent in combination with multiple deliveries per week
AFFECTED DIALOGUES	-
SYSTEM SETTINGS	-
MODULES	DIRECTINVOICEALLSERVICES
AVAILABLE IN RELEASE	9.03.00

With this request we handled an issue with direct invoice frequency 5 and a delivery note / direct invoice passing a weekend.

When on a Friday the delivery notes and direct invoices are prepared for the following Monday the system is now taking the Status Quo rental qty. from the weekend before.

This way the rent will be charged for the week. If there is another delivery for that week it will no longer charge rent as this has already been handled on the first invoice of that delivery week.

## 7.2 Credit Card payments via Web Portal

ABS NUMBER	ABS-67952
PURPOSE	To allow users the ability to pay invoices from Web Portal
AFFECTED DIALOGUES	Web Portal- View Invoices Screen
SYSTEM SETTINGS	-
MODULES	Credit Card Interface
AVAILABLE IN RELEASE	9.03.00

This development allows users the ability to pay their invoices through the ABSSolute Web Portal.

**\*\*NOTE\*\*** an interface with your bank is required, along with potential adjustments based on functionality available from your bank. Both credit as well as debit cards can be used for making payments.

Your customers user who is set up and approved to make payments can log in and pay their invoices directly from the web portal.

For this purpose you will be guided to an external web portal from your financial institution that will handle the payments.

Your customers can pay one invoice, or all invoices depending on their current open invoices.

There were also some additional columns added to allow the user more visibility from the grid

You also have the capability of having a surcharge added to the transaction amount. This is handled as a processing fee.

The screenshot displays the ABSSolute software interface. At the top, the title bar reads 'ABSSolute'. Below it is a menu bar with options: File, Workspot, Menu, BU, ContactManager, Preferences, Switchboard, Workflow, and Help. The main window is titled 'Inquiry Customers' and features a toolbar with icons for Add, Modify, Duplicate, and Delete. Below the toolbar, there are input fields for 'Number' (32323232), 'Name' (GSN wpcc), and 'Legacy Customer Number'. A series of tabs are visible: General, Ordering, Delivery, Garments, Garment Charges, Web Portal / App, Billing, and Payment. The 'Payment' tab is currently selected. It is divided into two sections: 'Payment' and 'Credit Card Interface'. In the 'Payment' section, there are radio buttons for 'Cash on delivery' and 'Charge, normally paid by' (which is selected). Below these are dropdown menus for 'Check' and 'Paid by Customer' (set to '?'). There are also checkboxes for 'Credit Squeeze Specific' (checked, with a value of 25.00 %) and 'Is Pay by Customer' (checked). In the 'Credit Card Interface' section, there are radio buttons for 'Manually create and apply' (selected) and 'Generate on statement or settlement, apply wh...'. Below these are input fields for 'Profile Number' (489265217491688) and 'Web Payment Surcharge' (5.950), which is highlighted with a red box. At the bottom of the window, there is a status bar showing 'St Louis --', 'Garret Snater', 'Count: 2', 'Contacts 0', 'Nov 20, 2018 Week 47', and the ABSSolute logo.

Lastly, you are able to force a minimum amount that must be met in order for the transaction to be processed. This is typically in the event a customer would like to short pay their invoice of a \$100 for example, and in the case shown below they have to at least pay \$12. **\*\*NOTE\*\*** Surcharge fee is in addition to this minimum transaction amount.

Plant

Modify Plant

Save and Exit

Exit

First

Previous

Next

Last

Code

1

Name

Active

General Non Business Days

General

Departments

Service Teams

Districts

Depots

Companies

Remarks

PDF Archiving

Logo

Credit Card Interface

Defaults

Credit Card Interface

Test Api

Live / Production

Environment

Client IP

Source Key

PIN

Change

Test

Web Portal Settings Live / Production

Test Environment

User ID

Password

\*\*\*\*\*

\*\*\*\*\*

Security ID

Min. Payment Amount

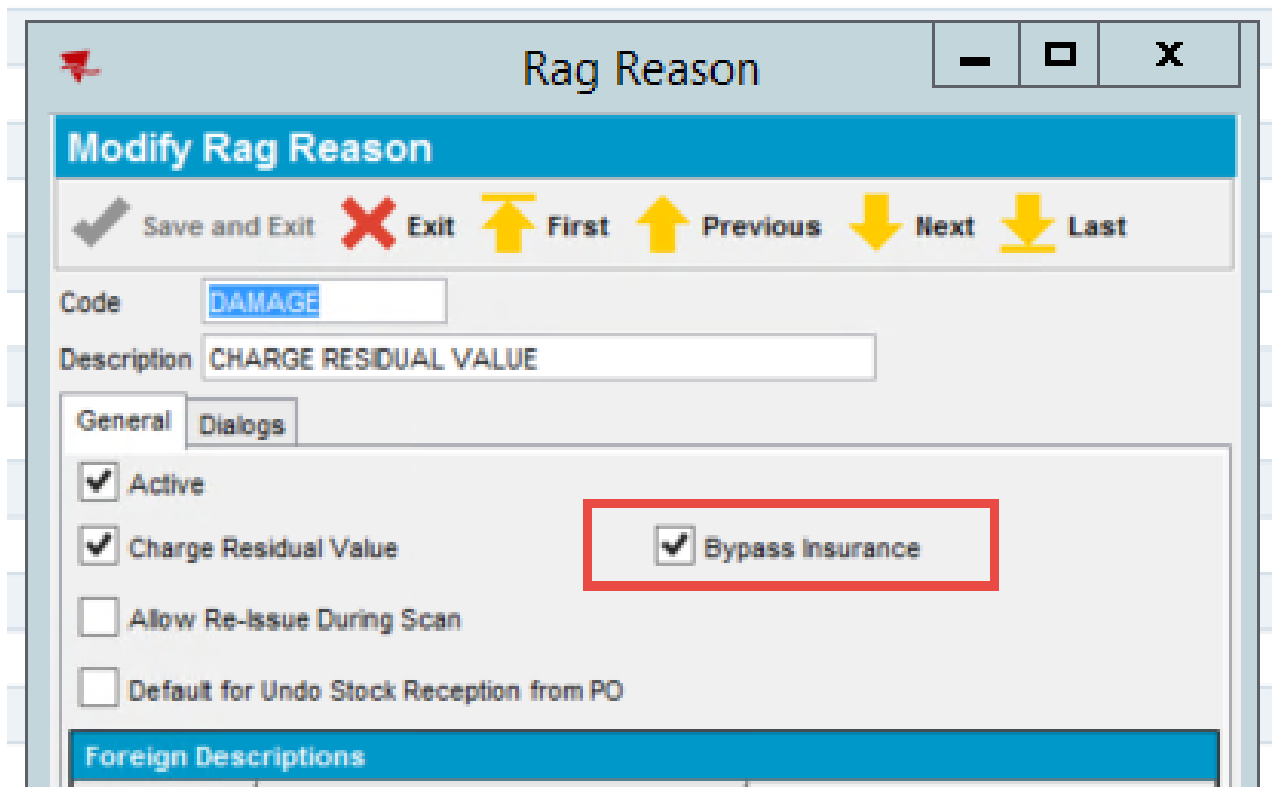
12.000

USD

### 7.3 Override garment insurance in ABS client

ABS NUMBER	ABS-72542
PURPOSE	Allow the user to override insurance and bill damage (residual value) when taking items out of circulation
AFFECTED DIALOGUES	Rag Reasons, Take Items out of Circulation
SYSTEM SETTINGS	n/a
MODULES	n/a
AVAILABLE IN RELEASE	9.03.00

In the Rag Reasons dialog, a new option to override insurance has been added, which can be selected at the individual Rag Reason level:



When recording a garment as rag in the Take Items Out of Circulation dialog, and a rag reason is used which has this new Bypass Insurance check box selected, the residual value of the item will be set to be billed to the customer – bypassing any insurance program that the customer has set up to protect against residual value charges.

In this way, the laundry is able to bill the customer for intentional damage (residual value) of items, which is typically not covered by garment insurance programs.

#### 7.4 Expansion of grid for Open Charges while applying funds in Cash Application

<b>ABS NUMBER</b>	ABS-67958
<b>PURPOSE</b>	To allow users the ability to see more invoices
<b>AFFECTED DIALOGUES</b>	Apply Cash Screen
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	-
<b>AVAILABLE IN RELEASE</b>	9.03.00

The purpose of this change to the Apply Cash screen is to allow the user to view more invoices. Previously within this screen there was only the ability to view a small amount of invoices, and often times the user had to scroll through the grid to locate the invoice the check was specified for.

At the same time the Applied To grid at the bottom of the screen had the majority of the space, which didn't quite make much sense. To make this screen more user friendly we have made the Open Invoices section larger and decreased the size of the Applied to section to prevent the user from having to scroll as much as possible.

[illegible]



## 7.5 Option to prevent users from finalizing invoices with an invoice date before the current month

<b>ABS NUMBER</b>	ABS- 63371
<b>PURPOSE</b>	Option to prevent users from finalizing invoices with an invoice date before the current month
<b>AFFECTED DIALOGUES</b>	Maintain invoices Generate invoices Print invoices Consolidated invoices Delivery note Maintain Sales Notes Route Status Control (generate direct invoices EU) Invoice Job
<b>SYSTEM SETTINGS</b>	RESTRICTINVOICEDATE (group Billing)
<b>MODULES</b>	Invoicing EU, invoice Jobs
<b>AVAILABLE IN RELEASE</b>	9.03.00

In some cases the laundry doesn't like to add invoices for a period that already has been closed in the bookkeeping system. With the new system setting set you can prevent that an invoice is finalized with a date that is before the current month. Depending on the dialog that the invoice is generated from, the user will get a message saying that the invoice cannot be finalized or the system will finalize the invoice with today's automatically. In the last case a message will be displayed in the log.

## 7.6 Message when customer has garment insurance and cancel a wearer

ABS NUMBER	ABS-59480
PURPOSE	Tracking outstanding inventory amounts
AFFECTED DIALOGUES	Customer,Wearers, Route Status Controle
SYSTEM SETTINGS	Insurancelosswarning, Weeklossgraceperiod
MODULES	-
AVAILABLE IN RELEASE	9.03.00

When a customer has garment insurance set up and a wearer is made inactive. A message will appear on the invoice indicating the outstanding inventory amounts. (just like it is now when a customer is not set up with insurance.) No in both cases you can track and know what need to be still collected at the customer.

**System setting**

**Modify System setting**

Save and Exit Exit First Previous Next Last

Plant: [Empty]

Setting Group: Billing

Name: INSURANCELOSSWARNING

Type: Integer

Value: 1

☒ Fixed Value ☐ Default Value

Factory Default: 0

Description: Other Plants

When set to 1, loss that is included in the insurance is shown on the invoice but not invoiced (meaning not extended).

When the above system setting is set and the customer is set up with insurance charge and a wearer will be made inactive a message without a price will appear on the invoice.

**INVOICE** Page 1 of 1

Customer: 32 Account Number: Charge Invoice Number: 300574933 Invoice Date: 12/10/2018

**Deliver To:** GSN Test, 123 w Main, mpls, mn 55406  
**Bill To:** GSN Test, 123 w Main, mpls, mn 55406

Wearer	Wearer Name	Product#	Description	Size	Type	Del Qt	Amount
1		SS32LS	SS Grey, LS Polo	L	Loss charge		0,00
			OH Tax		Sales Tax		0,00
<b>Invoice TOTAL</b>						<b>\$</b>	<b>0,00</b>

Route Rep: Route Number: 980 Stop Number: 0 Contact Name: Contact Number:

TERMS: NET 30

How long you want this line on the invoices is based on the system setting:

**System setting**

**Modify System setting**

✓ Save and Exit ✗ Exit ↑ First → Previous ↓ Next ← Last

Plant: 30 | UHF demo

Setting Group: Billing

Name: WEEKSLOSSGRACEPERIOD

Type: Integer

Value: 2

☒ Fixed Value ☐ Default Value

Factory Default: 0

**Description** | Other Plants

Number of weeks of grace period. If an item that has been charged for loss, is returned by the customer within the grace p eriod, it is credited. Grace period can only be used in combination with charging loss. Value 0 means no grace period.

## 7.7 Merchandise Buyout

<b>ABS NUMBER</b>	ABS-62311
<b>PURPOSE</b>	When personalised/customized items are ended these cannot be used by the laundry anymore for other customers. In this case you want to charge the customer for the items. This charge is called merchandise buyout. Items are in this case not returned the laundry and should not be returned to stock. Customers can use MBYO budget protection which is a new feature in the budget protection options.
<b>AFFECTED DIALOGUES</b>	Contract Contract component Customer Product list per customer Consumption point logistics Route assistant
<b>SYSTEM SETTINGS</b>	DEFAULTMBYOPPERCENTAGE
<b>MODULES</b>	Merchandisebuyoutcharge
<b>AVAILABLE IN RELEASE</b>	9.03.00

In case an item for a customer should not be returned due to MBYO mark, the item(s) with MBYO charges are stored and will be invoiced:

The following actions will result in a MBYO charge:

- Ending wearers or wearer inventories
- Ending product list per customer
- Ending CPL products
- Adding negative rental quantity adjustments
- When an item is marked for MBYO these cannot be returned to stock.
- MBYO can be set up on Contract and Customer and can be specified per product list per customer.

**Inquiry Customers**

+ Add   Modify   Duplicate   Delete

Number:  Name:  Legacy Customer Number:

General   Ordering   Delivery   Garments   Garment Charges   Web Portal / App   Billing   Payment   Special

**Garment Charges**

Rent Spec:

Budget Protection:

☐ Restocking Fee

☐ Stock Charge

☐ Product Special Size Charging

Repair Rented ☐ Allow ☐ Charge

Repair COG ☐ Allow ☐ Charge

Variable Services ☐ Allow ☐ Charge

Charge ☐ Residual Value

☐ Washes at First Issue

☐ Loss Charges ☐ Allow Depreciation on Loss Charge

☐ Merchandise Buyout Charge

Repair specification on invoice:

**Prep Charges, Emblems & Labels**

☐ General Prep Charge

☐ One Time Charge per New Employment

# of Days No Prep Charges:

Emblem Specification:

Define Prep & Emblem Templates

Code Label Price:

Name Label Price:

**Locker Service Charges**

☐ Charge Rent per Bank Locker

☒ Charge Fixed Number of Bank/Lockers

☐ Charge per Occupied Locker

☐ Charge per Circulating Garment per Locker

☐ Charge Service per Delivery

☒ Charge per Locker

☐ Charge per Garment per Locker

☐ Mention filling of Bank/Lockers on Routelist

A customer can also be set up for budget protection:

If the customer has budget protection not the full replacement price will be invoiced when the items are invoiced but the rate set up in the protection set up.

On the route assistant when a driver is ending a product and the product is marked as MBYO messages will pop not allowing the items to be returned.

## 7.8 Special Size Billing

<b>ABS NUMBER</b>	ABS-64259
<b>PURPOSE</b>	Adding surcharges to items issued with a special size. The prices are stored on plant level and are connected to each customer.
<b>AFFECTED DIALOGUES</b>	Global price lists Garment charges Reason codes Contract component Customer Invoice line type
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	ONEOFFSPECIALSIZECHARGE
<b>AVAILABLE IN RELEASE</b>	9.03.00

A new price list type for special size billing can be configured at contract or customer. When the customer is set up for special size billing (enforced from the contract when contract management is in the license) extra fees will be charged to the customer when issue an item which is on the price list. The extra fee can be seen in the dialog garment charges. And will be invoiced against a new invoice line subtype.

Global Price Lists

Wash

Rent

Replacement

Sales

Weight

Emblem

Repair

Budget Protection

Special Charge

Special Size Charge

Price Lists

Special Size Charge

+

 Add
 

✏

 Modify
 

✖

 Delete
 

📄

 Duplicate
 

🗪

 Grid Views
 

⌵

 Load More
 

⌵

 Load All

Code	Description	Currency	Autom. ...	Active	Price Inde...	Agreed	Contract Code
00000000	LEATHERED IN LEARNING, USED						
00000000	WASHING TRUCK SERVICE USED						
00000000	WASHING						
00000000	WASH TRUCK						

Inquiry Customers	
<a href="#">Add</a> <a href="#">Modify</a> <a href="#">Duplicate</a> <a href="#">Delete</a>	
Number: _____ Name: ? _____ Legacy Customer Number: _____	
<a href="#">General</a>   <a href="#">Ordering</a>   <a href="#">Delivery</a>   <a href="#">Garments</a>   <a href="#">Garment Charges</a>   <a href="#">Web Portal / App</a>   <a href="#">Billing</a>   <a href="#">Payment</a>   <a href="#">Special</a>	
Garment Charges	
Rent Spec: Products per Wearer	Repar Rented: <input type="checkbox"/> Allow <input type="checkbox"/> Charge
Budget Protection: Not applicable	Repar COG: <input type="checkbox"/> Allow <input type="checkbox"/> Charge
<input type="checkbox"/> Restocking Fee: _____	Variable Services: <input type="checkbox"/> Allow <input type="checkbox"/> Charge
<input type="checkbox"/> Stock Charge: _____	Charge: _____ Repair specification on invoice: Summarized for LOG / COG
<input type="checkbox"/> Product Special Size Charging: _____	<input type="checkbox"/> Residual Value <input type="checkbox"/> Washes at First Issue <input type="checkbox"/> Loss Charges <input type="checkbox"/> Allow Depreciation on Loss Charge <input type="checkbox"/> Merchandise Buyout Charge
<a href="#">Temporary Rent Stop</a>	
Prep Charges, Emblems & Labels	Locker Service Charges
<input type="checkbox"/> General Prep Charge: _____ <input type="checkbox"/> One Time Charge per New Employment: _____	<input type="checkbox"/> Charge Rent per Bank Locker: _____ <input checked="" type="radio"/> Charge Fixed Number of Bank/Lockers: 0
# of Days No Prep Charges: 0	<input type="radio"/> Charge per Occupied Locker
Emblem Specification: Per Wearer Detailed	<input type="radio"/> Charge per Circulating Garment per Locker
Define Prep & Emblem Templates	<input type="checkbox"/> Charge Service per Delivery: _____
Code Label Price: _____	<input checked="" type="radio"/> Charge per Locker
Name Label Price: _____	<input type="radio"/> Charge per Garment per Locker
	<input type="checkbox"/> Mention filling of Bank/Lockers on Routeliet

Maintain Garment Charges

Customer

Date

Customer

Show

All Not Invoiced, from

All Not Invoiced

Invoiced with Invoice#

Test invoices

Prep Charges

Emblems

Labels

Residual Value

Restocking Fees

Repairs

Garment Sales

Special Size Charges

Special Size Charges

\$x Cancel Charge

Undo Cancel Charge

Grid Views

Load More

Load All

Customer#	Customer Na...	Wearer#	Wearer ...	ID Code	Product	Product Desc...	Reason	Reason D...	Quantity	Special Size Charge Sta...

## 7.9 Allow decimals in percentage after depreciation on PLPC

ABS NUMBER	ABS-64673
PURPOSE	Allow after depreciation charge with decimals
AFFECTED DIALOGUES	Product List per Customer (PLPC) / Maintain Invoices
SYSTEM SETTINGS	-
MODULES	-
AVAILABLE IN RELEASE	9.03.00

The purpose of this change is to allow the after depreciation charge to handle decimals.

In cases a contract with a customer handles an After Depreciation charge the dialogues and the invoice process are now able to handle this percentage with decimals.

Product List Per

### Modify Product List Per Customer

☒ Save and Exit 
 ☒ Exit

Customer: 7 DEMO Customer

Product/Model: BVPGOJ OVERALLJACKE PALE GREY/STR BV

Size: \* | Alle

General Additional Miscellaneous Internal Calculation

#### Billing

Billing Method: 3) Inventory Based

Price Usage: ☐ Split Price ☒ Rent Only ☐ Wash Only

☐ Rent based on Circulating Inventory (0)
   
☒ Rent based on Real Quantity in Circulation
   
☐ Rent based on Max Quantity in Circulation
   
☐ Rent based on On-site Inventory
   
☐ Wash only initially, Charge Rent non-returned items after (0) weeks
   
 Charge for: Charge rent for not returned pool
   
☐ Separate wash price for COG
   
 After Depreciation Charge: 33.33 %
   
☐ Free Clean Changes per Week

#### Prices (EU)

	Rental	Wash	Replace	Sales
Current price	2.25			
Discount %				
Net price	2.25			

(Rounded prices)



From Maintain Invoices, the after depreciation charge is handled as a discount percentage.

**Modify Invoice**

Save and Exit Exit First Previous Next Last

Date: 16/11/2018

Del To Customer: 7

Bill To Customer: 7

Cost Center: 1

Remark:

Internal Remark:

Invoice Lines

Grid View All

**Modify Invoice Line**

Save and Exit Exit First Previous Next Last

Invoice#: 0 Date: 16-Nov-2018

Customer: 7 DEMO Customer

Line Details

Cost Center: 1

Type of Line: 1 Rent

From product list per customer From product catalog

Product: BVPGOJ OVERALLJACKE PALE GREY/STR BV

Size: \*

Finishing Method:

Quantity	Price	Discount	Amount
23	2.25	66.67 %	17.25

Cost Report

Lin...	Wearer N	Product	Quantity	Price	Discount	Amount
1						
2						
3						
4						
5						
6						
7		A000017 Tea Towel	1,020	0.00	0.00	

## 7.10 Allow specific turnover group for invoice line subtypes for Stockroom handling and Prep charges

<b>PURPOSE</b>	Enable a more detailed turnover division by enabling specific turnover groups for the invoice line subtypes from invoice line type 12 (stockroom handling & label/emblem)
<b>AFFECTED DIALOGUES</b>	Invoice line type
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	Invoicing
<b>ABS NUMBER</b>	ABS-66882
<b>AVAILABLE IN RELEASE</b>	9.02.04.a

Invoice Line Type 12 - Stockroom Handling & Label/Emblem charge, has five different subtypes. With this change, the user is able to define a specific turnover group to be used for each individual subtype. This allows for more refined definition of revenue tracking at the subtype level.

**Modify Invoice Line Type**

Save and Exit Exit First Previous Next Last

Type: 12

Factory Description: Stockroom Handling & Label/Emblem charge

Description: Set Up Charges

☒ Include In Minimum Invoice Amount Calculation

Tax Group: TXG | Taxable Garments & Apparel

Turnover Group: 43120 | Setup Charges

Suppress Printing: ☐ Never ☐ Only when Quantity is Zero ☒ Always when Amount is Zero

Tax Type: ☐ Not applicable ☐ Sales ☒ Rent ☐ Miscellaneous

Special Charges Sub Type Foreign Descriptions

Count: 5 Grid View All

Modify Grid Views Print

Factory Description	Description	System...	Time...	Turnover Group Code	Turnover Group Description
COG Code Label	COG Code Label	BAN	Sep 28, ...	43120	Setup Charges
Emblem Charges	Emblem Charges	BAN	Sep 28, ...	43200	Direct Sales
Label Charges	Label Charges	SYSADM	Jun 13, ...		
Prep Charges	Prep Charges				
Restocking Fee	Restocking Fee				

**Modify Invoice Line Sub Type**

Save and Exit Exit First Previous Next Last

Factory Description: Label Charges

Description: Label Charges

☐ Turnovergroup

☐ Specific Tax Group

Foreign Descriptions

Language	Description
----------	-------------

## 7.11 Extend Price List access checks and limits

<b>PURPOSE</b>	Make the handling of price lists more restrictive so that users that are not allowed to maintain one cannot even see it. Until now they could see it but don't do any modifications.
<b>AFFECTED DIALOGUES</b>	Generals Price Lists Price Lists per Customer
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	Invoicing, PRICELISTUSERGROUPACCESS
<b>ABS NUMBER</b>	ABS-57044
<b>AVAILABLE IN RELEASE</b>	9.02.04.a

An extension to the handling of price lists has been made to make it more restrictive/protective. It was already possible, with the module PRICELISTUSERGROUPACCESS, to only allow doing modifications to a price list when the user group of the current user is connected to the pricelist. With this order that functionality has been extended so that price lists are also not visible if the user isn't connected to a user group for which access is allowed.

Only user groups and system users which are system administrators have full access to all price lists

The screenshot shows the 'Add General Price List for WASH' dialog box. The main dialog has fields for Price Type (Wash), Code (2), Description (?), Currency (EUR), and Active status (checked). It also has a 'Chain' dropdown and a 'Price update Lock date' field. A yellow highlight is on the 'Only Maintained by' field, which contains 'ABSADM | ABS administrator'. An 'Allowed User Groups' sub-dialog is open, showing a table with one entry: 'ABSADM' with description 'ABS administrator'. The sub-dialog has an 'Exit' button and a 'Grid View Alle' dropdown.

Name	Description
ABSADM	ABS administrator

### 7.12 Restrict delivery of abused soil counted items

<b>ABS NUMBER</b>	ABS-71994
<b>PURPOSE</b>	Prevent abused soil counted items from being added to delivery variations
<b>AFFECTED DIALOGUES</b>	Soil Count Entry
<b>SYSTEM SETTINGS</b>	DELVERSOILABUSEQUANTITY
<b>MODULES</b>	n/a
<b>AVAILABLE IN RELEASE</b>	9.03.00

A new system setting has been introduced to allow the plant to prevent the delivery of the abused quantity entered in the Soil Count Entry screen of soil counted items:

The screenshot shows a 'System setting' window titled 'Modify System setting'. It features a toolbar with icons for 'Save and Exit' (checkmark), 'Exit' (red X), 'First' (yellow up arrow), 'Previous' (yellow right arrow), 'Next' (yellow down arrow), and 'Last' (yellow down arrow). The main form fields are: 'Plant' (empty), 'Setting Group' (Linen Recording), 'Name' (DELVERSOILABUSEQUANTITY), 'Type' (Integer), 'Value' (1), and 'Factory Default' (1). Below these are radio buttons for 'Fixed Value' (selected) and 'Default Value'. At the bottom, there is a 'Description' tab and a text area explaining the setting's function.

**System setting**

**Modify System setting**

✓ Save and Exit ✗ Exit ↑ First → Previous ↓ Next ↓ Last

Plant: [ ]

Setting Group: Linen Recording

Name: DELVERSOILABUSEQUANTITY

Type: Integer

Value: 1

☒ Fixed Value ☐ Default Value

Factory Default: 1

Description: Other Plants

This setting controls if automatically any replacement items should be included for next delivery for abused items. Possible values:  
 1 = Add abuse counts to delivery variations for next delivery  
 2 = Prevent abuse counts from adding to delivery variations for next delivery

When this setting = 1, functionality continues as before – any quantity entered as abused in Soil Count Entry is added to the delivery variation for the customer's next delivery of soil counted items.

When this setting = 2, any abused quantity entered will be recorded for invoicing purposes, but the quantity will not be added to packing notes generated for the customer.

### 7.13 Create a credit line when a reject is logged

<b>ABS NUMBER</b>	ABS-59177
<b>PURPOSE</b>	Generate credit lines on invoices when rejects are logged
<b>AFFECTED DIALOGUES</b>	Soil Count Entry Per Consumption Point Dialog, Correction Tickets
<b>SYSTEM SETTINGS</b>	NODELIVERYOFREJECTS
<b>MODULES</b>	n/a
<b>AVAILABLE IN RELEASE</b>	9.03.00

In general when a reject is logged, a free of charge replacement is processed. This order allows a credit line to be created on the invoice based on a correction ticket. A trigger process runs when a reject is entered, then a correction ticket for the rejected items is automatically created.

A system setting 'NODELIVERYOFREJECTS' is made to control if any items that are recorded as rejected by the customer at soil count will be delivered automatically to the customer as free of charge items at the next delivery or not.

## 7.14 Option to skip an expected linen order

<b>PURPOSE</b>	Add the option to skip an expected linen order so that production knows that no delivery needs to be prepared for the customer.
<b>AFFECTED DIALOGUES</b>	Stock count/ order status, stock count/ ordering (Web)
<b>SYSTEM SETTINGS</b>	STOCKCOUNTSKIPORDER (group 'Web Application')
<b>MODULES</b>	Linen recording stock control, Webportal Linen
<b>ABS NUMBER</b>	ABS-59178
<b>AVAILABLE IN RELEASE</b>	9.02.04.a

When a customer likes to skip a scheduled order e.g. because he has sufficient stock then until now there was no way to make this clear for the laundry because the order was still shown in the 'Stock count/ order status' dialog with status 'Expected'.

Now there has been added the option to indicate that the order needs to be skipped and also change the status of the order to 'Skipped'. What happens on the background is that the order is saved with fixed zero ordering quantities to make sure that nothing is going to be delivered (also the standard delivery quantity will be skipped).

The new functionality is available from the 'Stock count/ order status' dialog to be used by the laundry themselves:

Stock Count / Order Status										
Show 23/10/2018 16										Count : 28
Stock Count / Order Status										
<input type="checkbox"/> Extend Order Deadline <input checked="" type="checkbox"/> Skip Orders <input checked="" type="checkbox"/> Grid View <input checked="" type="checkbox"/> Show Expected <input type="checkbox"/> Show Received <input type="checkbox"/> Show Received, Not Expected <input type="checkbox"/> Show Received Wrong Day <input type="checkbox"/> Show Soiled Counts <input checked="" type="checkbox"/> Skipped Orders										
Customer ...	Department Number	Consumption point Num...	Ordering ...	Status	Time	Pack On Count Day	Skipped	Mobile De...	Mobile De...	Compulso
10	1	1	12:00	Expected		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>
4411	1	1	108:00	Expected		<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>

But also in the linen Web portal so that the customer himself can inform the laundry that he likes to skip his order:

Main

Linnen

Garments

Delivery documents

Search

Stock Count / Ordering

Back

Count Date 10/26/2018

Count Day Friday

Stock Count Schedule 1 1

Department/Consumption Point

Mark All

Unmark All

Skip Orders

	Dep#	Department	Occupancy	Cons#	Consumption Point	Status	Actions	Ordering Deadline
<input checked="" type="checkbox"/>	2	-	100%	2	-	Not Counted		16:15:00

### 7.15 Change to rent calculation with coefficient

<b>ABS NUMBER</b>	ABS-62171
<b>PURPOSE</b>	Introduction of a new system setting to define when roundings happens when working with a coefficient and rent prices
<b>AFFECTED DIALOGUES</b>	Periodical invoice generation
<b>SYSTEM SETTINGS</b>	COEFFICIENTCALCULATION
<b>MODULES</b>	n/a
<b>AVAILABLE IN RELEASE</b>	9.02.01.a

This development introduces a new system setting, which by default has the value 0, which is how the invoice generation worked before this development.

It is only applicable for the Invoice Frequencies 112, 115, 121, 131, 141 etc. - where the weekly rent price is multiplied with a coefficient (fx. 115 is with a coefficient of 4,33, which would give an average monthly rent price).

Before this development the rent price was rounded off, after being multiplied with a coefficient, into the invoice line price field. This was found to possibly producing some rounding issues when working with multiple decimals, depending on how the laundry would like their calculation done.

When this new system setting is changed to 1, after generating the invoice - the price stored on the invoice line, will be the same as the price seen on the product list per customer - in other words not yet multiplied with the coefficient.

The invoice line amount (total) will however be multiplied with the coefficient and the quantity of the line. The coefficient is now also stored on the invoice line, which could help improve customized invoice layouts.

In addition to this, this development also takes into account the SETPRICEPERCHANGE system setting, which allows the laundry to store prices on product list per customer, which later on also will be multiplied with the number of Changes per week (only for Garments and Billing Method 1).

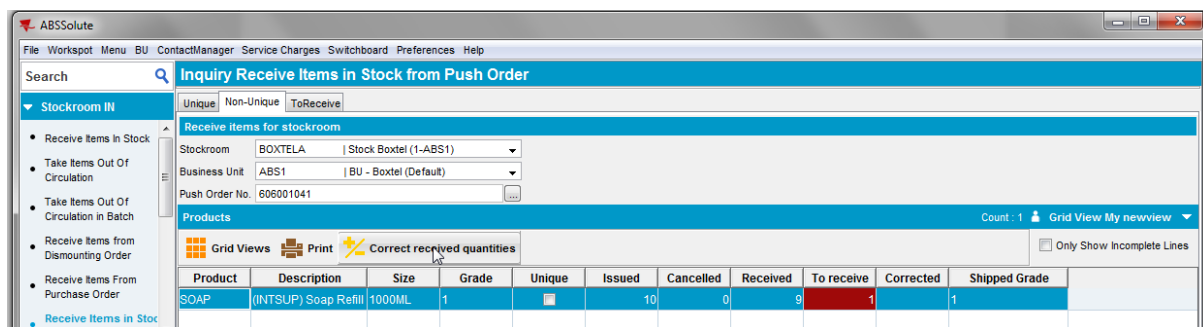
## 8 Stockroom & Purchasing

### 8.1 Cancellation of remaining quantity/record missing items

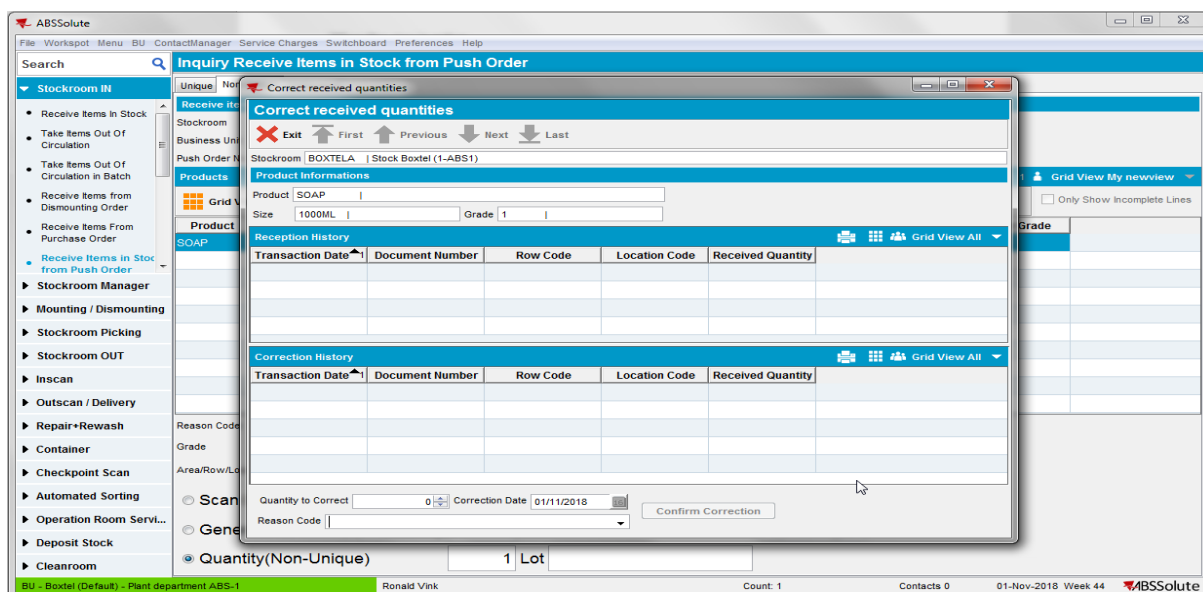
<b>ABS NUMBER</b>	ABS-73316
<b>PURPOSE</b>	Add the possibility correct the number of received (non-unique) items for a push order
<b>AFFECTED DIALOGUES</b>	Inquiry Receive Items in Stock from Push Order
<b>SYSTEM SETTINGS</b>	None
<b>MODULES</b>	ADVANCEDPURCHASING
<b>AVAILABLE IN RELEASE</b>	9.03.00

#### To check:

- Check for presence of new transaction types in transaction types dialog:
    - o Correct received new items from SDO push
    - o Correct received used items from SDO push
    - o Correct received defect items from SDO push
  - From reason code dialog tab dialogs “Correct received items from SDO push” should be available
- From “Inquiry Receive items in stock from push order” dialog, if you have received some items, you can make correction about the received quantity by clicking the “Correct received quantities”.



In this case, you are able to fill a corrected quantity





## 8.2 Products per Supplier - Add shortcut to create Manual PO

<b>ABS NUMBER</b>	ABS-63630
<b>PURPOSE</b>	Add shortcut in SPR to create a Manual PO for the Supplier in the selected line
<b>AFFECTED DIALOGUES</b>	SPR – Supplier product range
<b>SYSTEM SETTINGS</b>	None
<b>MODULES</b>	ADVANCEDPURCHASING
<b>AVAILABLE IN RELEASE</b>	9.03.00

The button is available from “supplier products” dialog, tab laundry product. It allows to create directly a “purchase order” without passed through “Purchase requisition” dialog.

This will have a positive effect on the efficiency of creating purchase requisitions or orders.

The screenshot shows the 'Supplier Products' dialog box with the 'Laundry Products' tab selected. The 'Create Purchase Order' button is highlighted with a mouse cursor. The dialog box contains fields for Supplier (111 - Umbro LTD), Supplier Model Code (75400), and Supplier Model Description (Umbro classic national jacket). Below these are fields for Supplier Product Code (75400-400) and Supplier Product Description (Umbro classic national jacket). There are also checkboxes for 'Uniquely coded by Supplier', 'Pre-washed by Supplier', and 'Modifications by supplier allowed'. The 'Laundry Products' section shows a table of products with columns for LP Code, LP Description, LP Size Code, and LP Size Description. The table lists various sizes for the 'Umbro classic England J...' product, including Small, Medium, Large, Extra Small, Extra Extra Small, Extra Large, Extra Extra Large, Extra Extra Extra Large, and Extra Extra Extra Extra Large.

The screenshot shows the 'Purchase Order Row' dialog box with the 'Add Purchase Order Row' tab selected. The 'Add' button is highlighted with a mouse cursor. The dialog box contains fields for Ordering Stockroom (BOXTELA | Stock Boxel (1-ABS1)), Supplier (111 | Umbro LTD), Order Number (0), and Purchase Order Status (Waiting for approval). There are also radio buttons for 'External Supplier' and 'Internal Supplier', and a 'Priority' field set to 'STD' (Standard priority). The 'Order Line Details' section shows a table with columns for Stock type, Customer num..., Customer, Origin, Prewash, QTY ordered, and QTY cancelled. The table lists 'General stock' with a quantity of 15 ordered and 0 cancelled.

### 8.3 Automatically Determine the Best Delivery Term Based On Volume Prices

<b>PURPOSE</b>	Automatically apply the best Delivery Term for a Purchase Requisition
<b>AFFECTED DIALOGUES</b>	Purchase Requisition
<b>SYSTEM SETTINGS</b>	ADVPURCHPRICETERMSPRIO
<b>MODULES</b>	ADVANCEDPURCHASING
<b>ABS NUMBER</b>	ABS-63691
<b>AVAILABLE IN RELEASE</b>	9.02.03.a

A new System Setting ADVPURCHPRICETERMSPRIO has been added to determine how the system will decide the most favourable Delivery Term in case of volume prices.

As Aggregate Purchase Requisitions may be on Product level, while the actual Purchase Requisition lines are based on Product/Size combination, the Aggregate level is taken into account when determining the best possible volume price. To accommodate this, the “Aggregate Delivery Term” and “Agg. Price Delivery Term” columns have been added to the Aggregate Purchase Requisitions tab of the Purchase Requisition dialogue.

[illegible]

## 8.4 Change Purchase Requisition Delivery Term On Aggregate PR

<b>PURPOSE</b>	Change Delivery Term and create Purchase Orders based on Delivery Term
<b>AFFECTED DIALOGUES</b>	Purchase Requisition
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	ADVANCEDPURCHASING
<b>ABS NUMBER</b>	ABS-63680 & ABS-63694
<b>AVAILABLE IN RELEASE</b>	9.02.03.a

In the Aggregate Purchase Requisitions tab of the Purchase Requisition dialogue, if multiple Delivery Terms exist for the same Supplier Product, these appear as separate lines in the grid.

A drop-down box in the Delivery Term column allows the user to update the Delivery Term (and associated Price) for all underlying Purchase Requisitions.

**Purchase Requisition**

Stockroom:  |

Purchase Requisitions | **Aggregate Purchase Requisitions** | Purchase Order Waiting For Approval

**Aggregation Level Information**

Supplier:

Aggregation Level: ☐ Supplier model ☒ Supplier product ☐ Supplier product size

**Aggregated Purchase Requisitions**

Modify Delete Save Cancel Mark All UnMark All Grid Views Print

Select for PO	Price Terms Level	Supplier Name	Supplier Product Code	Minimum orde...	Package quant...	Quantity Order...	Quantity To M...	Default delivery days	Delivery term	La...
<input type="checkbox"/>	Supplier Product			1	1	80	0	14	14	
<input checked="" type="checkbox"/>	Supplier Product			1	1	40	0	14		
<input type="checkbox"/>	Supplier Product			1	1	100	0	14		
<input type="checkbox"/>	Supplier Product			5	5	75	0	30		
<input type="checkbox"/>	Supplier Product			1	1	212	0	7		
<input type="checkbox"/>	Supplier Product			20	20	18	2	1		

Delivery Days: 7, 10, 14, 15, 28, 30, 54, 55, 60

## 8.5 Lead Times For Supplier Products

<b>PURPOSE</b>	Register Lead Times per Supplier and connect different prices to them
<b>AFFECTED DIALOGUES</b>	Supplier, Products per Supplier, Supplier Product Range
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	ADVANCEDPURCHASING
<b>ABS NUMBER</b>	ABS-66838
<b>AVAILABLE IN RELEASE</b>	9.02.03.a

The “Lead Times” tab has been added to the Supplier dialogue, allowing the user to register Lead Times as agreed with the Supplier. It is still required to select a default Delivery Term for the Supplier. The drop-down menu is restricted to the Lead Times entered in the Lead Times tab.

In the Products per Supplier dialogue, these registered Supplier Lead Times are available when ordering products. If ADVANCEDPURCHASING is in the license, the same product may be priced differently, depending on the Delivery Term.

In the Supplier Product Range dialogue, only predefined Lead Times for that Supplier may be selected as Delivery Terms.

**Supplier**

**Modify Supplier**

Save and Exit Exit First Previous Next Last

Number 101 Name

Internal Supplier

Stockroom

Date Active 10/02/2013 Date Inactive

Address Line 1

Address Line 2

Zipcode/ City

Country

Phone

Fax

E-Mail Address

Web site

Creditor Number Currency CHF

Order Form Contact Persons Supplier Terms **Lead Times**

**Lead Times** Count : 2 Grid View All

+ Add Modify Delete Grid Views Print

Delivery Days	
14	
28	

## 8.6 Multi-Select Aggregate Purchase Requisitions to Create Purchase Orders

<b>PURPOSE</b>	Create Purchase Orders based on Aggregate Purchase Requisitions
<b>AFFECTED DIALOGUES</b>	Purchase Requisition
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	ADVANCEDPURCHASING
<b>ABS NUMBER</b>	ABS-63681
<b>AVAILABLE IN RELEASE</b>	9.02.03.a

It is now possible to create Purchase Orders by multi-selecting Aggregate Purchase Requisitions in the Purchase Requisition dialogue.

To add an Aggregate Purchase Requisition to the selection, check the “Select for PO” checkbox. Press the “Generate Purchase Orders” button to generate a Purchase Order based on all Purchase Requisitions belonging to the selected aggregate lines.

Purchase Requisition

Stockroom

Purchase Requisitions
Aggregate Purchase Requisitions
Purchase Order Waiting For Approval

Aggregation Level Information

Supplier

All

Aggregation Level
☐ Supplier model
☒ Supplier product
☐ Supplier product size

Aggregated Purchase Requisitions

Modify

Delete

Save

Cancel

Mark All

UnMark All

Grid Views

Print

Select for PO	Price Terms Level	Suppli...	Supplier Produ...	Minimum orde...	Package quant...	Quantity Order...	Quantity To M...
<input type="checkbox"/>	Supplier Product			20	20	18	2
<input checked="" type="checkbox"/>	Supplier Product Size			1	1	13	0
<input checked="" type="checkbox"/>	Supplier Product			1	1	100	0
<input checked="" type="checkbox"/>	Supplier Product			1	1	212	0
<input type="checkbox"/>	Supplier Product			5	5	75	0
<input type="checkbox"/>	Supplier Product			1	1	100	0

## 8.7 Add depot information to the WOSC grid and add the "Deliver from" column to the fields that can be used in the filter criteria

<b>PURPOSE</b>	Add "Depot" to the WOSC grid and allow the user to make a filter based on the "Deliver from" column so you can e.g. show only the work orders that need to be delivered from stock.
<b>AFFECTED DIALOGUES</b>	Work Order Status Control
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	STOCKROOM
<b>ABS NUMBER</b>	ABS-58106
<b>AVAILABLE IN RELEASE</b>	9.02.01.a

For information purposes the "Depot" code and description have been added to the tabs from the work order status control dialog. The depot is derived from the route and can also be used in the filters:

The screenshot shows the 'Work Order Status Control' dialog. At the top, there are filters for 'Show Work Orders' (Processed by current BU, Created by current BU), 'Show Status' (New, In Progress, In Progress With Priority, Completed, Cancelled), and 'Date Selection' (All, From 02/19/2018 to 02/19/2018, Only show WO linked to PO). Below these is a tabbed interface with 'Work Orders for Garments / Sales' selected. A 'Count: 100' and 'Filtered Grid View Deliver from stock' are shown. The grid has columns: Status, Requested, Depot Code, Depot Description, Expected F..., Route, and R. A red box highlights the 'Depot Code' and 'Depot Description' columns. Below the grid are buttons for 'Print', 'Change status', 'Ordering', and 'Assigning'. The 'Ordering' section includes buttons for 'F2 Work order', 'F4 Labels', 'F7 To 'Cancelled'', 'F9 Show P.O.'s', 'F12 Issue', 'F3 Garment Pickli...', 'F6 Emblem Pickli...', 'F8 To 'Priority'', and 'F11 Determine A...'.

Besides that, the "Deliver from" column, that already was shown in the grid, is now also available in the filter criteria. The values for the column are predefined as shown in the screenshot below:

The screenshot shows the 'Filter Criteria' dialog. It has a title bar with a red flag icon and 'Filter Criteria'. Below the title bar is a 'Modify Filter Criteria' section with buttons for 'Save and Exit', 'Exit', 'First', 'Previous', 'Next', and 'Last'. Below this is an 'Add Filter Criteria' section with a table. The table has columns for 'Column name', 'Operator', and 'Value'. The 'Column name' is 'Deliver From'. The 'Operator' is 'equal to'. The 'Value' is 'Stock'. A dropdown menu is open below the 'Value' field, showing options: 'Direct Order from supplier', 'Not applicable', 'Stock' (highlighted), and 'To be Determined'.

## 8.8 Add "Laundry Product Code" column -PREQ dialog

<b>PURPOSE</b>	Facilitated job for the process supplier purchase orders, a new column of "Laundry product code" has been added
<b>AFFECTED DIALOGUES</b>	Purchase requisition - TAB "Aggregate Purchase Requisitions"
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	ADVANCEDPURCHASING
<b>ABS NUMBER</b>	ABS-59379
<b>AVAILABLE IN RELEASE</b>	9.02.01.a

### What is new :

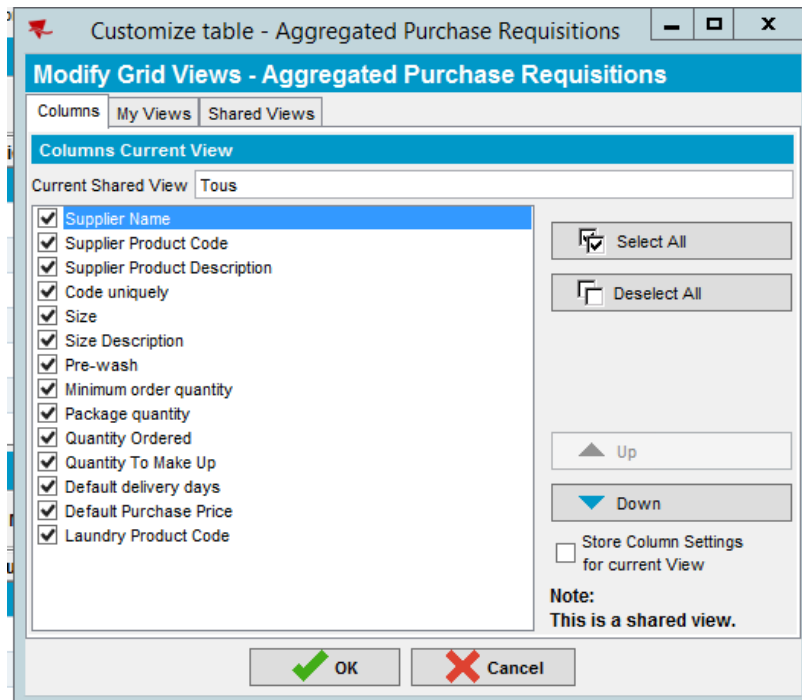
- add column "Laundry product code" in Dialog "Purchase Requisition" – Tab "Aggregate Purchase Requisitions", Table "Aggregated Purchase Requisitions"

### Conditions :

- Apply for all filter: for all supplier, all aggregation level (ie: Supplier model, Supplier Product, Supplier product size)
- The link is not via Supplier Product Range, but the actual Purchase Requisition lines that are linked to the selected Aggregate
- It will be filled with the Laundry code - ONLY if one is found - and if multiple, then it should be filled with "Multiple"

### Configuration :

Hide/Show from Cistomize table dialog



## Appearance :

Column filled by the "product code"

**Besoin d'achat**

Stockroom SC-61 | Central Stock and Purchasing

Purchase Requisitions | Aggregate Purchase Requisitions | Purchase Order Waiting For Approval

**Aggregation Level Information**

Supplier 2204 | DEMO

Aggregation Level ☐ Supplier model ☒ Supplier product ☐ Supplier product size

**Aggregated Purchase Requisitions** Grid View Tous

Modify Delete Grid Views Print

Supplier Name	Supplier Product	Supplier Product	Code uniquely	Pre-wash	Minimum order	Package quantity	Quantity Order	Quantity To Make	Laundry Product Code
DEMO	FALVT1	FALVT1	<input type="checkbox"/>	<input type="checkbox"/>	1	1	14	0	ALVT1
DEMO	FVTEVH1	FVTEVH1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1	1	21	0	VTEVH1
DEMO	F0012BE	F0012BE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	200	50	252	48	0012BE
DEMO	F0040BF	F0040BF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	100	20	220	0	0040BF
DEMO	GREEN SCARF	GREEN SCARF	<input type="checkbox"/>	<input type="checkbox"/>	7	7	1	6	3014
DEMO	F0050BE	F0050BE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	200	20	1	199	0040BE
DEMO	FFVTMC3	FFVTMC3	<input type="checkbox"/>	<input type="checkbox"/>	5	5	76	4	0050BC

**Purchase Requisitions** Grid View Tous

View Delete Alternative supplier product Mark All UnMark All Grid Views Print

Created by me Updated by

Supplier Name	Supplier Number	Product	Size	Requested Quantity	Code uniquely	Pre-wash	Quantity requested	Qty Calculated	Quantity Ordered	Ship To	Bill to Company	Purchase Order
DEMO	2204	0050BC	-	1	<input type="checkbox"/>	<input type="checkbox"/>	1	1	1	Ordering Stockroom	Ordering Stockroom	All
DEMO	2204	0050BC	-	N	<input type="checkbox"/>	<input type="checkbox"/>	75	75	75	Ordering Stockroom	Ordering Stockroom	All

Total Order Amount

Generate Purchase Orders

Column fill by "Multiple"

**Besoin d'achat**

Stockroom SC-61 | Central Stock and Purchasing

Purchase Requisitions | Aggregate Purchase Requisitions | Purchase Order Waiting For Approval

**Aggregation Level Information**

Supplier 2204 | DEMO

Aggregation Level ☒ Supplier model ☐ Supplier product ☐ Supplier product size

**Aggregated Purchase Requisitions** Grid View

Modify Delete Grid Views Print

Supplier Name	Supplier Model Code	Supplier Model Description	Minimum order quantity	Package quantity	Quantity Order	Quantity To Make Up	Default delivery	Default Purchase	Laundry Product
DEMO	TEST	test	10	10	102	8	1	0.00	<Multiple>
DEMO	PANTALON	Pantalon	1	1	11	0	1	0.00	4711
DEMO	TSHIRT	T Shirt	20	10	25	5	7	0.00	TSHRTBLU
DEMO	TEST001	test	1	1	121	0	1	0.00	<Multiple>
DEMO	SCARF	SCARF	5	5	8	4	1	0.00	3010

**Purchase Requisitions** Grid View

View Delete Alternative supplier product Mark All UnMark All Grid Views Print

Created by me Updated by

Supplier Name	Supplier Number	Product	Size	Requested Quantity	Code uniquely	Pre-wash	Quantity requested	Qty Calculated	Quantity Ordered	Ship To	Bill to Company	Purchase Order
DEMO	2204	2006	S	1	<input type="checkbox"/>	<input type="checkbox"/>	8	8	8	Ordering Stockroom	Ordering Stockroom	All
DEMO	2204	2006	S	1	<input type="checkbox"/>	<input type="checkbox"/>	22	22	22	Other Stockroom	Ordering Stockroom	All
DEMO	2204	2006	XS	1	<input type="checkbox"/>	<input type="checkbox"/>	10	10	10	Ordering Stockroom	Ordering Stockroom	All
DEMO	2204	2006	XS	1	<input type="checkbox"/>	<input type="checkbox"/>	8	8	8	Ordering Stockroom	Ordering Stockroom	All
DEMO	2204	3006	XS	1	<input type="checkbox"/>	<input type="checkbox"/>	16	16	16	Ordering Stockroom	Ordering Stockroom	All
DEMO	2204	VTEVH2	2X	1	<input type="checkbox"/>	<input type="checkbox"/>	26	26	26	Ordering Stockroom	Ordering Stockroom	All
DEMO	2204	VTEVHX	34_070	1	<input type="checkbox"/>	<input type="checkbox"/>	12	12	12	Ordering Stockroom	Ordering Stockroom	All

Total Order Amount

## Remarks :

It could be apply for all aggregate level from filter



## 8.9 Possibility to cancel SDO line for approval from dialog IOM (Intercompany Ordering Monitor)

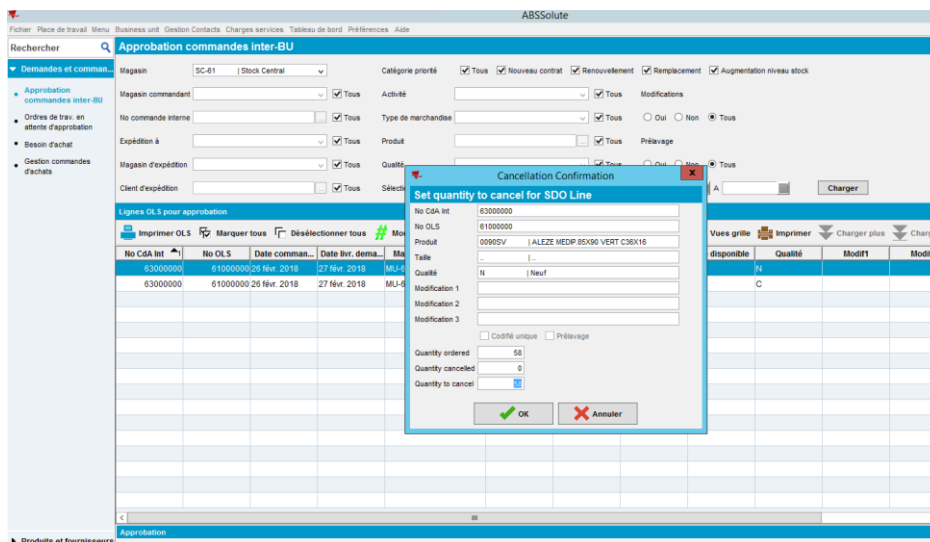
<b>PURPOSE</b>	In ABSSolute, according the new development done in September 2017 about the WOWFA with line level, need to be able to cancel all or partial quantity of line from SDO line for approval from Intercompany Ordering Monitor (IOM).
<b>AFFECTED DIALOGUES</b>	Intercompany ordering monitor
<b>SYSTEM SETTINGS</b>	ALLOWPARTIALCANCELSDOLINE
<b>MODULES</b>	Advance purchasing / Stockroom
<b>ABS NUMBER</b>	ABS-57399
<b>AVAILABLE IN RELEASE</b>	9.02.01.a

### System settings :

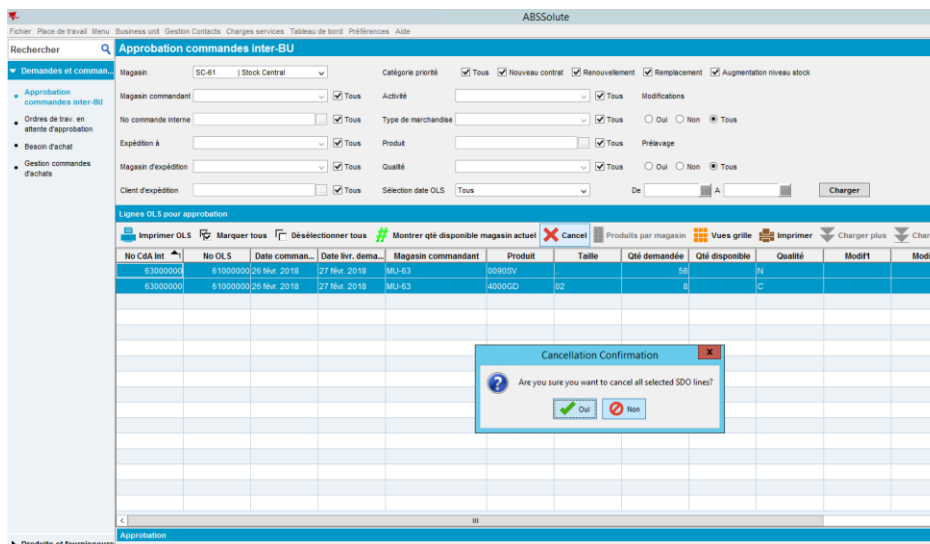
The screenshot shows the ABSSolute system configuration interface. The 'Configuration de système' dialog box is open, displaying the 'Modifier Configuration de système' window. The 'ALLOWPARTIALCANCELSDOLINE' setting is highlighted in the list of system settings. The setting is currently set to '1' (Do allow to partially cancel an SDO line). The dialog box includes fields for 'Entreprise' (61-SC), 'Groupe de configuration' (Stockroom), and 'Nom' (ALLOWPARTIALCANCELSDOLINE). It also has a 'Valeur' field set to '1' and a 'Description' field explaining the setting.

### Possibility to select one or many SDO lines for approval

- **If one line is selected:**
  - Possibility to cancel all or partial quantity of SDO lines for approval from intercompany ordering monitor
- By default, the quantity to cancelled is filled by the ordered quantity



- **If many lines are selected:**
  - Possibility to cancel all the quantity ordered
  - Before cancel, need to confirm



**From BU side:**

- Automatically cancelation IPO line when the SDO line is cancel from central stock side

## 9 UHF

This section contains the main improvements to the UHF functionality.

### 9.1 Multi-read scan for clean returned linen and correct delivered quantity

<b>PURPOSE</b>	Register that a customer returned uniquely coded linen via a multiread scan and generate correction tickets for those quantities so that they will be credited on the next invoice.
<b>AFFECTED DIALOGUES</b>	Multi Read Exception Reason, Multi Read Clean Return Scan (new)
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	UHFREADER, Linen recording
<b>ABS NUMBER</b>	ABS-46843
<b>AVAILABLE IN RELEASE</b>	9.02.04.a

A New Multiread scan screen called 'Multi Read Clean Return Scan' with a similar look as the Multiread Rewash dialog is created. This dialog should always be used batch wise (allow to confirm the scans before processing).

Processing:

1. Update unique item stay to in laundry, this is similar to the inscan
2. Create scan record similar to inscan but with new transaction type for clean return
3. Create correction ticket(s) with status processed for consumption point the items were originally delivered to, with negative quantities
4. Create / update delivery history . The correction tickets will not automatically be printed.

## 9.2 Stack Check & Direct Load Improvements

<b>PURPOSE</b>	Extend Stack Check and Direct Load functionality
<b>AFFECTED DIALOGUES</b>	Inscan Multi Read, Multi Read Rewash, Multi Read Stack, Outscan Multi Read (via Delivery Note), Single Read Rewash
<b>SYSTEM SETTINGS</b>	REWASHMAX, INSCANREJECTS
<b>MODULES</b>	STACKLABEL
<b>ABS NUMBER</b>	ABS-65360 & ABS-68455
<b>AVAILABLE IN RELEASE</b>	9.02.03.a

Several improvements are introduced into dialogues associated with Stack Check and Direct Load.

### 9.2.1 Scan Options In Inscan Multi Read Dialogue

The Inscan Multi Read dialogue now contains two scan options, “Regular Inscan” and “Rejects”. The user should switch to the required mode and use the start/stop functionality for inscans.

[illegible]

The screenshot displays the 'Inscan Multi Read' software interface. At the top, it shows 'Pick Up Date' as Feb 23, 2018, Friday, and 'Scan Mode' with buttons for 'Earlier', 'Later', 'Regular Inscan', and 'Rejects'. Below this is a 'Batch contents' table with columns for 'Product', 'Size', and 'Quantity'. The table contains 10 rows of data, all with a light red background. To the right of the table, there are large, bold statistics: 'Reader' (ON), 'Tags' (0), 'Status' (IDLE), 'Validated' (0%), 'Approved' (0), and 'Rejected' (0). At the bottom right, there is a 'Rejections' table with columns for 'Reason' and 'Quantity', also showing 0 counts.

Pick Up Date	Scan Mode
Feb 23, 2018 Friday	Regular Inscan

Product	Size	Quantity

Rejections	Reason	Quantity

**Summary Statistics:**

- Reader: ON
- Tags: 0
- Status: IDLE
- Validated: 0%
- Approved: 0
- Rejected: 0

**Totals:** 0

The Rewash Scan dialogue now displays the (re)wash history of the scanned item. The Rewash Day Counter shows the number of rewashes scanned today on the current workstation.

The Rewash Scan Multi Read dialogue now allows the user to select a reason for the rewash. Reasons can be defined through the Reason Code dialogue.

Labels can now be printed from the Multi Read Stack Check dialogue. When a stack is approved, the label for the next stack can be printed.

**Multi Read Stack Check**

Reader: OFF

Tags: 0

Tags Validated: 0  
Missing: 0  
Exceeding: 0  
Exceptions: 0  
Mixed Products: 0  
Mixed Customers: 0

Contents (Count: 0)

Check Stack Qty: No, Auto, 5, 10, 15, 20, 25

Use Label: 0132

Print Label

### 9.2.5 Improvements To Outscan Multi Read Scanner Dialogue

The Outscan Multi Read Scanner dialogue (accessed via the Delivery Note dialogue) is enhanced with the following additions:

1. The container ID (RFID) in the top is displayed in green when the container ID was scanned. Else, it displays "Container not scanned" in red. When multiple containers were scanned, "<Multiple>" is displayed.
2. The number of bundles scanned is now also displayed here.
3. The Container Contents grid will display the contents of the current container. "F9 Next Container" will clear this grid. The "F10 Close" button should be pressed when all containers for that customer have been outscanned.
4. The rejections grids includes a column displaying the Bundle ID, to help identify when a bundle was incorrectly delivered. In case of multiple bundles, it will show multiple rows.

**Outscan Multi Read Scanner**

Packing No. Delivery Date: Friday, week 31 Route Container

Custo... Depart... Cons. P... # Bundles: 0

Reader: ON

Tags: 1

Status: DONE

Validated: 100%

Approved: 1

Rejected: 0

Rejections (Count: 0)

Reason	Bundle ID	Quantity

Container Contents (Grid View All)

Product Code	Product	Size	Fin. Meth.	Scanned

Delivery Details (Grid View All)

Product	Size	Fin. Meth.	Delivered	Balance Now	Order...
			1	0	1

Totals: 1, 0, 1, 0

F5 Start Scan F7 Stop / Scan out Escape Stop/Reject F10 Close

### 9.3 Multi Read Stack Check, flexibility in behavior, visual virtual bundle

<b>PURPOSE</b>	Create more flexibility in the behavior of the stack check.
<b>AFFECTED DIALOGUES</b>	Multi Read Stack Check, Products, Customers
<b>SYSTEM SETTINGS</b>	STACKCHKPERSONALIZEDMIXED, STACKCHKPERSONALIZEDBUNDLE
<b>MODULES</b>	
<b>ABS NUMBER</b>	
<b>AVAILABLE IN RELEASE</b>	9.02.01.a

At the Multi Read Stack Check dialog, all stacks were checked for mixed products, while that is not required in every situation. This gave problems in 2 ways:

1. Because customer related pool item stacks are rejected while they shouldn't, no virtual bundles are created, which doesn't help improve the accuracy of the outscan portal.
2. In regards to personalized garment stacks, the vast majority of the stacks are rejected for mixed products, which makes it harder for the user to see if there were real reasons for rejection (exceptions or mixed customers).

Two other reason for changing the behavior of the Multi Read Stack Check functionality were:

1. Not all items tagged yet: For some products, all items are tagged, but for some not. This causes many stacks to be rejected because of missing items. The wish is to accept those stacks and create virtual bundles for them. On the delivery note the number of pieces will be less for those stacks but the user will correct the delivered quantity manually in the delivery note screen, before processing. Note: that there is a risk that this is forgotten and may lead to missing revenue! This can be avoided with the UHFSTARTUPPHASE system setting.
2. Also for personalized garments no virtual bundle needs to be created.

Therefore, more flexibility was added to the Multi Read Stack Check functionality and a short/small message in the Multi Read Stack Check screen is added as a visual confirmation to show that a virtual bundle was created.

Solutions/changes:

In regard to - *Because customer related pool item stacks are rejected while they shouldn't, no virtual bundles are created, which does not help improving the accuracy of the outscan portal.* - a new checkbox 'Allow Mixed Products Pool items Stacks' on customer level is added. If one or more pool items in the stack are related to a customer that has this option checked, then the check on product is not performed.

Multi Read Stack Check x System Settings x Customers x +

**Inquiry Customers**

Save x Cancel

Number 1 Name ABS Test Customer Legacy Customer Number

General Ordering Delivery Garments Garment Charges Residential 1 Residential 2 Web Portal / App Billing Payment Special Flex Fields

**Services**

Visit on ☒ MO ☒ TU ☒ WE ☒ TH ☒ FR ☐ SA ☐ SU

Service Team

Return Garments On Next Visit

Sorting Info during Outscan No Sorting Info

Phased Delivery WO Allowed, not defaulted

**Delivery Note Settings**

Quantities Per ☒ Product ☐ Product / Size

Show ID Codes ☐ Out Scanned Items ☒ Items Delivered from Stock ☐ Items Returned to Stock

Printing ☐ Suppress printing of batch delivery notes

☐ Locker Management

☐ Obligated Use of BankLocker for Every Wearer

☒ Use Garment Dispenser

☒ Code Uniquely

☐ Swing Suit Delivery

☐ Allow Automatic Sales of Garments during Issue

☐ Allow Automatic Flag Season Change

☐ Show wearer change message in outscan

☐ Show reason code at outscan from stock

☐ Show department change message in In- and Outscan

☐ Make COG only for PLPC products

☐ Allow prewash

☒ Allow Mixed Product Pool Item Stacks

**Printed Labels**

Cust Name On Label

Printed Code Label 1 Kleideretikette Standard

☒ Printed Name Label 5 Namenslab Funktionsbezeichnung

**Minimum Grade**

First 0 Days: First Issue N Afterwards G

ABSSolute

Multi Read Stack Check

Stack: 5 Pcs 000001 T-shirt -

Reader ON

**Contents**

Contents	Count
ABS Test Customer Einschlagtuch King	1
ABS Test Customer T-shirt -	1
ABS Test Customer Einschlagtuch King	1
ABS Test Customer T-shirt -	1
ABS Test Customer T-shirt -	1

**Tags**

Tags Validated 5

Missing 0

Exceeding 0

Exceptions 0

Mixed Products 0

Mixed Customers 0

**Check Stack Qty**

No Auto 5 10 15 20 25



2. In regard to - *Personalized garment stacks the vast majority of the stacks are rejected for mixed products, which makes it harder for the user to see if there were real reasons for rejection (exceptions or mixed customers)* – a new system setting is introduced: STACKCHKPERSONALIZEDMIXED. When set to 'Yes', the check on mixed products is skipped when there is at least one personalized garment product in the stack.

Multi Read Stack Check

Stack: 1 Pcs 000116 Trousers 1

Reader ON

Tags 5

Tags Validated 5

Missing 0

Exceeding 4

Exceptions 0

Mixed Products 0

Mixed Customers 0

Check Stack Qty

No Auto 5 10 15 20 25

3. In regard to - *Not all items tagged yet: For some products, all items are tagged, but for some not. This causes that many stacks are rejected because of missing items. The wish is to accept those stacks and create virtual bundles for them*- a new checkbox 'UHF Partly Tagged' on product level is added in order to apply this behavior.

In product screen, on logistics tab, near the checkbox 'Unique Pool Allowed' there will be another checkbox 'Only partly tagged'. By default, it will be checked when 'Unique Pool Allowed' is checked. The stack check screen will not check on stack size for those stacks that contain products that have the 'Only partly tagged' mark set. It does not matter if stack size button is on Auto, or a fixed number. This product setting overrules. In the stack check screen the user will be able to see when stack size check is disabled because of this product setting.

Multi Read Stack Check ☒ Products ☒ +

**Inquiry Products**

☒ Save ☒ Cancel

Code: 000002 ☐ Active Legacy code:

Description: Einschlagtuch

General ☒ Logistics ☐ Sizes ☐ Pack ☐ Image ☐ Foreign descriptions ☐ Special ☐ Remark ☐ Attachments

**Logistics**

Packing Sequence: 0 Volume Units: 1 ☒ Treatment Check Scheme: 01 | TEST scheme

Exchange Method: Delayed Even Exchange ☒ Record Passive Stock Level

Soil Count Method: No Soil Count ☒ Usage Related to Occupancy of Department

Finishing Code:  ☒ Unique Pool Allowed ☐ Charge Loss

☒ UHF Partly Tagged

Show Put Up Qty On: Packing note ☒ Confirm Product on POA

☐ Allow pre-wash ☐ Default ☐ Fixed

**Purchasing Characteristics** **Quality Grade Characteristics**

MRP Code:  Default Return Grade: G | Used

Preferred Supplier: 15 | CWS-boco Widnau Lokallager **Default Stockroom**

☐ Define Default Stockroom for Product  ☐ Fixed

Multi Read Stack Check ☒ Products ☒ +

Multi Read Stack Check

Stack: 25 Pcs 000001 T-shirt -

Reader **ON**

Tags **5**

Tags Validated **5**

Missing **0**

Exceeding **0**

Exceptions **0**

Mixed Products **0**

Mixed Customers **0**

Check Stack Qty

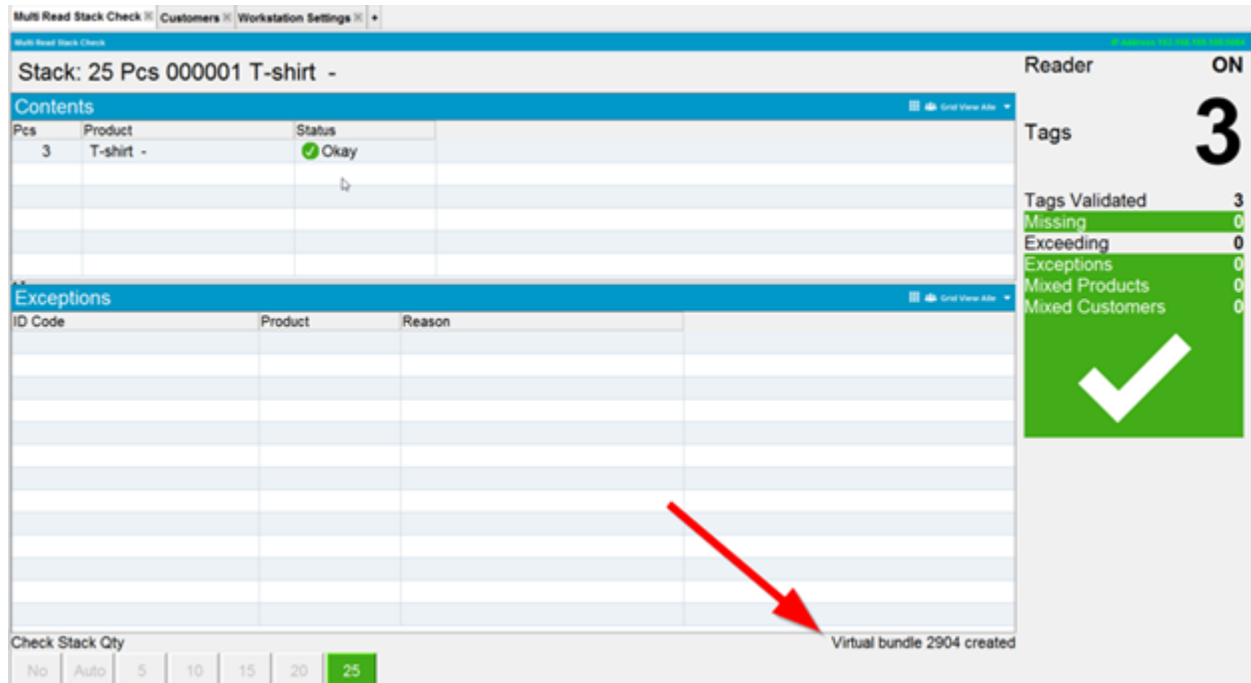
No Auto 5 10 15 20 **25**

**✓**

4. In regard to - Also for personalized garments no virtual bundle needs to be created - a new system setting is introduced: STACKCHPERSONALIZEDBUNDLE. When set to 'Yes', always a virtual bundle is created for an accepted stack.

5. In regard to -Short/small message in the Multi Read Stack Check screen is added as a visual confirmation to show that a virtual bundle was created.-the message 'Virtual Bundle XXXX Created' in the stack check dialog is displayed. This message will show up each time a virtual bundle is created, and will remain on the screen for 1,5 seconds and then automatically disappear. It will be shown in a small font so that it does not draw attention of the user.

XXXX is the virtual bundle ID, which can be used later for reference.



#### 9.4 Use the virtual bundle percentage against stray reads

<b>ABS NUMBER</b>	
<b>PURPOSE</b>	Prevent stray reads at Outscan at delivery notes
<b>AFFECTED DIALOGUES</b>	Delivery Notes, Report Rejected Scans
<b>SYSTEM SETTINGS</b>	UHFSTRAYREADREDUCTION
<b>MODULES</b>	-
<b>AVAILABLE IN RELEASE</b>	9.03.00

In case the laundry works with virtual bundles - which can be used to improve the outscan performance when high quantities are packed -, created during stack check, the working procedure is that the entire bundle is loaded into the container.

The systemsetting UHFOUTSCANBUNDLEPERC that defines that when X % of the tags in the bundle are scanned that the others are delivered as well, even though they are not scanned. This artificially improves the reading performance.

To minimize stray reads – UHF RFID tags scanned outside the expected reading area- the same setting can now also do the opposite: when LESS THAN X % of tags are scanned, then assume that tags scanned are stray reads and will be rejected. (rejection reason 30 'Possible Stray Read'). When a few seconds later more items of the bundle are scanned and the threshold % is reached the rejection is removed from the items that were earlier rejected with stray read reason.

This functionality can be turned on or off with the system setting: UHFSTRAYREADREDUCTION. 0= Off 1= On, default Off.

When this setting is turned on and you have bundles of 5 pcs, the quantity scanned (accepted) is always a multiplication of 5. So all items, or none of the items of a bundle are accepted.

This way of stray read reduction only works for items that are part of virtual bundles.

**Virtual Bundle created at Multi Read Stack Check:**

The screenshot displays the 'Multi Read Stack Check' window. At the top, it shows 'Stack: 10 Pcs 000002 Einschlagtuch King'. The 'Contents' table lists 10 items of 'Einschlagtuch King' with a status of 'Okay'. The 'Exceptions' table is empty. On the right, a 'Reader' status is 'ON' and 'Tags' are '10'. A summary of tag counts shows 'Tags Validated' as 10, with 'Missing', 'Exceeding', 'Exceptions', 'Mixed Products', and 'Mixed Customers' all at 0. A large green checkmark is visible. At the bottom, the 'Check Stack Qty' section has buttons for 'No', 'Auto', and a range of quantities (5, 10, 15, 20, 25), with '10' selected. A note at the bottom right states 'Virtual bundle 2906 created'.

## Outscan on Delivery note:

5 items virtual added when percentage goes over 49%:

The screenshot shows the 'Outscan Multi Read Scanner' window. The 'Reader' status is 'ON'. The 'Tags' count is 10, and the 'Status' is 'DONE'. The 'Validated' percentage is 100%. The 'Approved' count is 10, and the 'Rejected' count is 0. The 'Rejections' table is empty. The 'Totals' row shows a count of 10. The 'Products' table lists 'Einschlagbuch' with a size of 'King' and a delivered count of 10. The 'F5 Start Scan', 'F7 Stop / Scan out', 'Escape Stop/Reject', and 'F10 Close' buttons are visible at the bottom.

Product	Size	Fin. Meth.	Delivered
Einschlagbuch	King	Default	10

Reason	Quantity
--------	----------

When the minimum of 49% isn't reached the items are considered as a stray read and rejected:

The screenshot shows the 'Outscan Multi Read Scanner' window. The 'Reader' status is 'ON'. The 'Tags' count is 4, and the 'Status' is 'DONE'. The 'Validated' percentage is 100%. The 'Approved' count is 0, and the 'Rejected' count is 4. The 'Rejections' table shows 'Possible Stray Read' with a quantity of 4. The 'Totals' row shows a count of 0. The 'Products' table is empty. Red arrows point from the 'Rejected' count and the 'Possible Stray Read' row to the 'Rejections' table. The 'F5 Start Scan', 'F7 Stop / Scan out', 'Escape Stop/Reject', and 'F10 Close' buttons are visible at the bottom.

Product	Size	Fin. Meth.	Delivered
---------	------	------------	-----------

Reason	Quantity
Possible Stray Read	4

Reported Rejected Scans is adjusted. New exception reason is added (30):

**Report Rejected Scans**

**Main Selections**

From Date Time: 20/03/2018 12:00 AM to 20/03/2018 11:59 PM

From Exception Reason: 30 | Possible Stray Read to 30 ☐ All

From Transaction Type: ? to ? ☒ All

From Workstation: ? to ? ☒ All

From System User: ? to ? ☒ All

**Miscellaneous Selections**

Report Layout: ☒ Condensed by Exception Reason ☐ Condensed by Workstation ☐ Detailed by Exception Reason

Scan History: ☒ Only current Business Unit ☐ All accessible Business Units

☐ Print Selections

☒ Preview before Print

## 10 Cleanroom

This section contains the main improvements to the Cleanroom functionality.

### 10.1 Check on open Cleanroom batches when processing a delivery note

ABS NUMBER	ABS-56542
PURPOSE	Prevent processing of delivery notes when there are still open Cleanroom batches.
AFFECTED DIALOGUES	Delivery Notes Maintain Packing & Delivery Notes Route Status Control
SYSTEM SETTINGS	CHECKOPENCRBINPROCESSDN
MODULES	CLEANROOMBATCHES
AVAILABLE IN RELEASE	9.02.01

In order to prevent multiple delivery notes for a single department and delivery day a check will be performed that will verify if there are still open Cleanroom batches.

With the introduction of a new system setting: CHECKOPENCRBINPROCESSDN the system is set to take certain actions.

The screenshot shows a 'System setting' window with a title bar containing a red arrow icon and standard window controls. The main area is titled 'Modify System setting'. Below the title bar is a navigation bar with icons for 'Save and Exit' (checkmark), 'Exit' (red X), 'First' (up arrow), 'Previous' (left arrow), 'Next' (right arrow), and 'Last' (down arrow). The form fields are as follows:

- Plant:** A text box containing the value '1'.
- Setting Group:** A text box containing the value 'Delivery Note'.
- Name:** A text box containing the value 'CHECKOPENCRBINPROCESSDN'.
- Type:** A text box containing the value 'Integer'.
- Value:** A numeric input field with a spinner, showing the value '1'. Below it are two radio buttons: 'Fixed Value' (selected) and 'Default Value'.
- Factory Default:** A numeric input field with a spinner, showing the value '0'.
- Description:** A tabbed area with a tab labeled 'Other Plants'. The content area shows the following text:

This setting controls whether a check should be done on any open cleanroom batches when finalizing a delivery note. Possible values:  
0 - do not check on open batches when finalizing a delivery note  
1 - check on open batches when finalizing a delivery note, give user a warning  
2 - check on open batches when finalizing a delivery note, give user an error  
  
This setting is only relevant when module CLEANROOMBATCHES is in the license

With value 0 the system will not perform any check and continue as normal.

With value 1 the user will receive a warning, the user is free to overrule and proceed with processing of the delivery note(s).

With value 2 the user will receive an error message and the system will prevent the processing of the delivery note(s).

The check is performed when the processing of delivery notes is requested from the following dialogues:

- Delivery Notes
- Maintain Packing & Delivery Notes
- Route Status Control



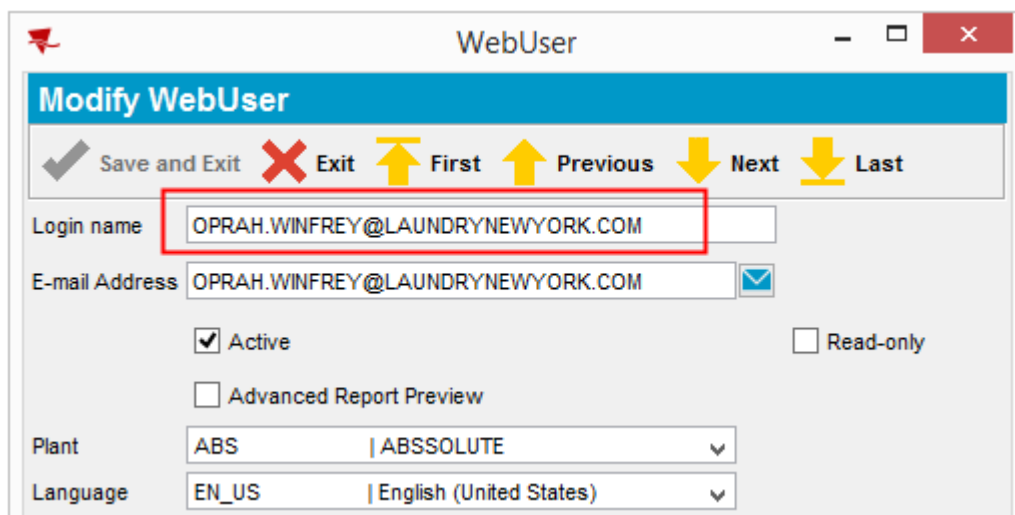
## 11 Web Portal

This section contains the main improvements to the Web Portal.

### 11.1 Extend webuser login name

ABS NUMBER	ABS-66340
PURPOSE	Be able to use email address for login
AFFECTED DIALOGUES	Webuser / Web Portal
SYSTEM SETTINGS	-
MODULES	-
AVAILABLE IN RELEASE	9.03.00

Partly because of the new GDPR regulation laundries want to capture who did what in the web portal. To be able to make unique web users we extended the length of the login name for web users. This makes it possible for example to use email address as a login name.



The screenshot shows a 'WebUser' window with a 'Modify WebUser' dialog. The dialog has a title bar with a red icon and standard window controls. Below the title bar is a toolbar with icons for 'Save and Exit' (checkmark), 'Exit' (red X), 'First' (yellow up arrow), 'Previous' (yellow up arrow), 'Next' (yellow down arrow), and 'Last' (yellow down arrow). The main area contains the following fields:

- Login name:** A text box containing 'OPRAH.WINFREY@LAUNDRYNEWYORK.COM', which is highlighted with a red rectangular box.
- E-mail Address:** A text box containing 'OPRAH.WINFREY@LAUNDRYNEWYORK.COM' with an email icon to its right.
- Active:** A checked checkbox.
- Read-only:** An unchecked checkbox.
- Advanced Report Preview:** An unchecked checkbox.
- Plant:** A dropdown menu showing 'ABS' and 'ABSSOLUTE'.
- Language:** A dropdown menu showing 'EN\_US' and 'English (United States)'.



## 11.2 Extend internet order deadline functionality (only for orders for current date)

<b>PURPOSE</b>	Extend internet order deadline functionality (only for orders for current date) so that the laundry can allow the customer to order after the agreed deadline.
<b>AFFECTED DIALOGUES</b>	Stock Count Order Status, replenishment schedule
<b>SYSTEM SETTINGS</b>	ALLOWWEBORDERPASTDEADLINE, SHOWCOUNTDEADLINESTOCUST, WEBORDERGRACETIME (group 'Webapplication')
<b>MODULES</b>	Webportal linen
<b>ABS NUMBER</b>	ABS-59171
<b>AVAILABLE IN RELEASE</b>	9.02.04.a

With the ALLOWWEBORDERPASTDEADLINE setting you define how to deal with orders where the deadline has passed. Using value 0 makes it impossible to enter the order via the web after the deadline and value 1 allows it without restrictions. Value 2 enables you to extend the deadline with a maximum grace period. If the deadline has passed, the customer can ask the laundry for an extension. If the laundry likes to honour this request they can extend the deadline up to 60 minutes. The default number of minutes is set with the system setting WEBORDERGRACETIME (value 0 means extension is not allowed). The setting can be fixed so that only that extension will be possible or defaulted so that the user can change the extension minutes.

The “**Extended Ordering Deadline**” is saved for all selected rows with status ‘Not counted’ or ‘Counted’. The column is only visible when system setting SHOWCOUNTDEADLINESTOCUST = ‘Y’ and the value of system setting ALLOWWEBORDERPASTDEADLINE = 2. Show in red if current time is greater than the time in the column.

### 11.3 Move Residential Clients On Web

<b>PURPOSE</b>	Move a client from one customer to the other on the Web Portal
<b>AFFECTED DIALOGUES</b>	Move Client (New), Web User
<b>SYSTEM SETTINGS</b>	ALLOWMOVECLIENT
<b>MODULES</b>	Residential Web Portal
<b>ABS NUMBER</b>	ABS-52338
<b>AVAILABLE IN RELEASE</b>	9.02.03.a

It is now possible to move a residential client from one customer to another in the Web Portal. This can be done through the Client Details tab.

The screenshot shows the ABS web portal interface. On the left, there's a sidebar with the ABS logo and navigation tabs: Linen Reports, Garments, Garment Re, and Residential. The main area shows 'Client Details' for a specific client. Overlaid on this is a 'Move Client' dialog box. The dialog box has two columns: 'From' and 'To'. The 'From' column contains fields for Customer, Client Number (1), Department, Room Number (1), Admin Number, Invoice Category, and Unique Items (checked 'Put Flag'). The 'To' column contains dropdown menus for Customer, Client Number (1), Department (2), Room Number (1), Invoice Category (All to client), and Unique Items. At the bottom of the dialog box are '< Cancel' and 'Move' buttons. A red arrow points to the 'Move' button.

If the client number is not yet taken for the destination customer, the user may opt to retain the number or else specify a client number of their choosing.

The following conditions apply:

1. The web user must have access to multiple residential customers
2. The web user must have full access rights (instead of “read only”)
3. The “Allow to move client” checkbox must be checked in the Web User dialogue in ABSSolute

**WebUser**

**Modify WebUser**

✓ Save and Exit ✗ Cancel ↑ First ↑ Previous ↓ Next ↓ Last

Login name:

E-mail Address:

☒ Active ☐ Read-only

☐ Advanced Report Preview

Plant:

Language:

Customers Menu Access Custom Information Message Password Show on web App Settings

**Product Access on Ordering**

Allow ☐ Garments ☒ Non-garments ☒ Sales items

**Web Reports**

Customer Selection:

**Garments and Locker Access**

Enable ☐ Allow Cupboard Locker Entry ☐ Limited Wearer Access

Allow ☒ All Garments ☐ Rental Garments Only ☐ COG Only

☐ Extended Wearer Search ☐ Limited Size selection when adding new WIL

**Web Portal Standard Menu Options**

☒ Allow to change Password ☒ Allow to change E-mail

**Residential Web Services**

☒ Allow to Move Client





Client moves are traceable from the Web Portal Usage dialogue in ABSSolute.

WEB Portal Usage

By Web UserBy CustomerBy Dialog

Customer240068... Show From05/25/201816☐ Only Show Select C

Events

 Grid Views Print Load More Load All

Session #	Timestamp	Dialog	Event	Date
59058	Jun 25, 2018 3:18 PM	Client	Move Client	Jun 25, 2018

## 11.4 Reactivate Wearer Inventory Lines on Web

<b>PURPOSE</b>	Standardize behaviour between ABSSolute and Web Portal
<b>AFFECTED DIALOGUES</b>	Web Wearer
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	Web Portal Garments
<b>ABS NUMBER</b>	ABS-54266
<b>AVAILABLE IN RELEASE</b>	9.02.03.a

Web users can now add wearer inventory lines even if there already exists a wearer inventory line for that product with an end date in the past and no circulating inventory. Doing so will cause the wearer inventory line in ABSSolute to be reactivated and the end date removed.

The screenshot displays the 'Wearer' form in the ABSSolute Web Portal. The top navigation bar includes links for Linen Reports, Garments, Garment Reports, Cost Information, Cost Reports, Financial Information, Delivery Documents, Main, and a search icon. The 'Wearer' form has fields for Wearer (with a dropdown), Admin Number (with a dropdown), Department (with a dropdown), and Function (with a dropdown). Below these fields are tabs for Inventory, Wearer Details, Garments, and Garment Orders. The 'Inventory' tab is active, showing an 'Add Product' section with fields for Product \*, Size \*, Max. Inventory, Changes / week, Start Date \*, and Remark. A warning dialog box is overlaid on the form, stating: 'Warning: Wearer inventory already exists but is ended. Do you want to reactivate it?'. The dialog box has 'Yes' and 'No' buttons.

### 11.5 Maximum order quantity in web

PURPOSE	Set max order quantity
AFFECTED DIALOGUES	Product Product List per Customer Consumption Point Logistics
SYSTEM SETTINGS	MAXORDERQTYWEBPDA WEBMAXORDERWARNING
MODULES	
ABS NUMBER	ABS-55250
AVAILABLE IN RELEASE	9.02.01.a

With this order it is now possible to set a maximum order quantity on products to be ordered via the Web Portal.

Based on two new implemented system settings:

MAXORDERQTYWEBPDA

The screenshot shows a 'System setting' window titled 'Modify System setting'. The window has a blue header bar with the title. Below the header is a toolbar with icons for 'Save and Exit' (checkmark), 'Exit' (red X), 'First' (up arrow), 'Previous' (left arrow), 'Next' (right arrow), and 'Last' (down arrow). The main area contains the following fields:

- Plant:** 20 | ABS Demo Plant 20
- Setting Group:** Linen Recording
- Name:** MAXORDERQTYWEBPDA
- Type:** Integer
- Value:** 1 (with up/down arrows)
- Factory Default:** 0 (with up/down arrows)
- Options:** ☒ Fixed Value, ☐ Default Value

At the bottom, there is a 'Description' tab and an 'Other Plants' tab. The 'Description' tab is active, showing the following text:

This setting controls if a maximum number of items to be ordered can be defined at CPL level. This maximum (if any) will be taken into account when ordering items via a PDA or via the Web Portal.

Possible values

- 0 = No maximum. application behaves like before
- 1 = Maximum can be defined on product level, PLPC level or CPL level
- 2 = Defined on customer level if any maximum can be defined

## WEBMAXORDERWARNING

**Modify System setting**

Save and Exit Exit First Previous Next Last

Plant: 20 | ABS Demo Plant 20

Setting Group: Linen Recording

Name: WEBMAXORDERWARNING

Type: Integer

Value: 2

Fixed Value Default Value

Factory Default: 1

Description: Other Plants

This attribute controls whether a warning or a (blocking) error message should be shown to the web user when he wants to confirm an order via the web or the Order App and the ordered quantity for a product exceeds the defined maximum quantity. Possible values:  
1 = Show warning but still allow confirmation of the order (default)  
2 = Show error-message  
Only relevant when the module LVMINTERNET or ORDERAPP is in the license.

The maximum to be ordered quantity can be set and if the exceeding the max should trigger an warning or an error.

On the web a new column is now visible that will indicate the maximum to be ordered quantity

**Stock Count / Ordering** Back

Count Date: 03/20/2018 Count Day: Tuesday Stock Count Schedule: ABST ABST

Department/Consumption Point

Department 1: Department 1 Consumption Point 1: Consumption Point 1 Occupancy: 100

Product	Size	Fin. Method	Min. Stock	Standard Del.	To be delivered	Count	Order	Max Order Qty	Fixed	Average Delivery
Coverall	King	Folded	0	10	10			100	<input type="checkbox"/>	0
Napkin White	-	Folded	0	0	0			20	<input type="checkbox"/>	0
OP Mantel L. America	-	Folded	0	0	0			40	<input type="checkbox"/>	0
Bath towel Matilda	-	Folded	0	0	0			75	<input type="checkbox"/>	0

Save & Next Save & Close

With the system setting WEBMAXORDERWARNING on value 1 the order can be confirmed, even if the quantity exceeds the set limit. When the system setting has value 2 the set quantity will not even be able to be confirmed and the web user has no choice then to amend the ordered quantity.

The screenshot shows the 'Stock Count / Ordering' screen. At the top, there's a navigation bar with 'Main', 'Linnen', 'Garments', and 'Delivery documents'. Below this, the 'Stock Count / Ordering' title is visible. The interface includes fields for 'Count Date' (03/20/2018), 'Count Day' (Tuesday), and 'Stock Count Schedule' (ABST ABST). There are also fields for 'Department/Consumption Point' (Department 1, Consumption Point 1) and 'Occupancy' (100). A table of products is shown, with columns for Product, Size, Folded, Qty, Fixed, and Average Delivery. An error message is displayed over the table: 'Error: The maximum order quantity of 30 for product 000007 Coverall has been exceeded. Please amend.' The error message has an 'Ok' button. At the bottom, there are 'Save & Next' and 'Save & Close' buttons.

## 11.6 Reprint residential labels option in Web Portal

<b>PURPOSE</b>	Reprint option for residential labels on Web Portal
<b>AFFECTED DIALOGUES</b>	
<b>SYSTEM SETTINGS</b>	
<b>MODULES</b>	
<b>ABS NUMBER</b>	49586
<b>AVAILABLE IN RELEASE</b>	9.02.01

For customers of a laundry that do print residential labels on the web portal there was no option to 'reprint' a label.

In the dialog to see details of a unique item a new Reprint button will be available.

The screenshot shows the 'View Garments' screen. It displays 'ID code' (000656), 'Client' (2 Sjaak), and 'Product' (PWB01 Pants). Below this, there's a tabbed interface with 'Garment', 'Flags', and 'Scans' tabs. A 'Reprint Label' button is visible, highlighted with a red arrow. To the right of the 'Reprint Label' button is a 'Move to oth' button. Below the tabs, there's a 'Product Info' section with fields for 'Product' (Pants), 'Finishing Method' (Laundry), 'Washing Process' (Rewashes), and 'Color'. There's also an 'Actual' section with 'Current Stay' (0) and 'Outscan/at cust' (1).



### 11.7 Webportal Compulsory Order Day Awareness

PURPOSE	Ability to highlight compulsory order days and show in the web-application
AFFECTED DIALOGUES	Stock Count Schedule dialog / Stock Count Order Status dialog
SYSTEM SETTINGS	REPLENISHMENTCOMPULSORY
MODULES	
ABS NUMBER	ABS-
AVAILABLE IN RELEASE	9.02.01

When a customer has the option to place a web order on any date, but must send a compulsory order on one or more days a week to replenish their stock.

What we saw, was in order to make sure this happens, the laundry administrative team must inform the customer the compulsory order days need to be entered.

With this development it is possible to highlight compulsory days next to the order days in the replenishment schedule dialog, and on the web portal on the stock count/order page.



ABS INDUSTRIES (11000003)  
Mainstreet, 500, Boxtel

▼ WLABS

Main	Linnen	Garments	Delivery documents	Search
------	--------	----------	--------------------	--------

Stock count/order							
Stock Count Schedule							
Count Date ◇	Count Day ◇	Stock Count Schedule	#To Count ◇	#Counted ◇	#Confirmed ◇	#Compulsory Order D	#Not Counted ◇
04/06/2018	Friday	DI Tuesday schedule	1	0	0	Yes	1
04/10/2018	Tuesday	DI Tuesday schedule	1	0	0	Yes	1

## 12 Mobile

This section contains the main improvements to our mobile applications.

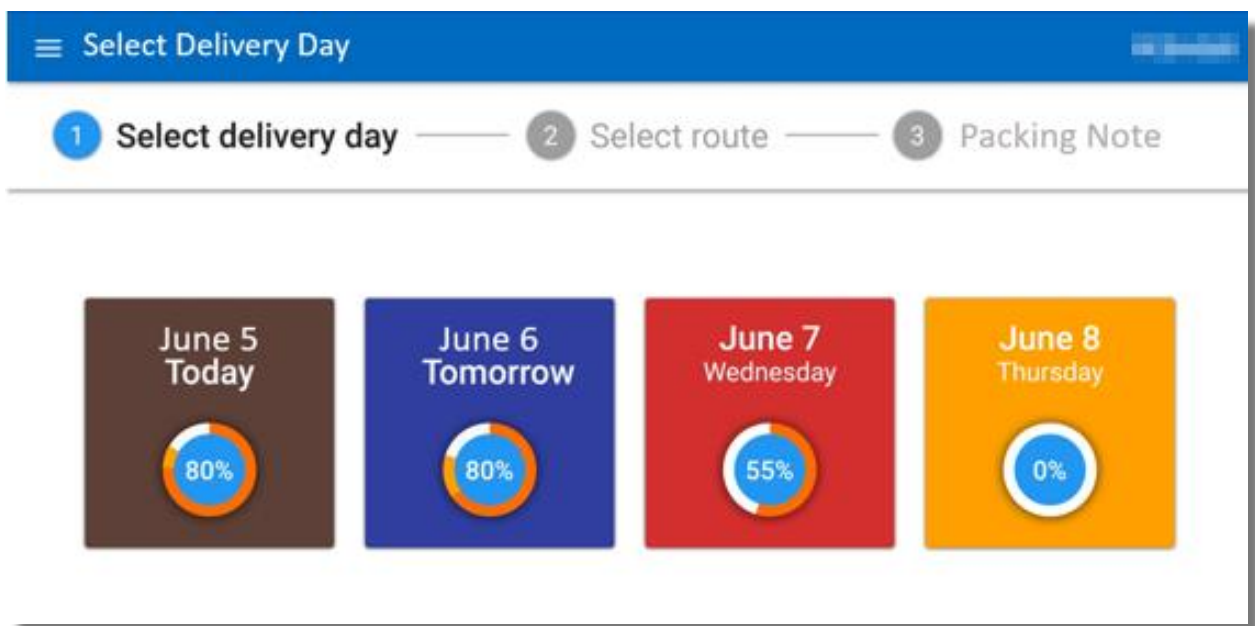
### 12.1 Packing Assistant For Android

<b>PURPOSE</b>	Changes to <i>ABSSolute</i> for interfacing with the Packing Assistant for Android
<b>AFFECTED DIALOGUES</b>	Days, System User
<b>SYSTEM SETTINGS</b>	PAPACKORDER, PADAYTOSHOW
<b>MODULES</b>	PACKINGASSISTANTANDROID
<b>ABS NUMBER</b>	PASA-36

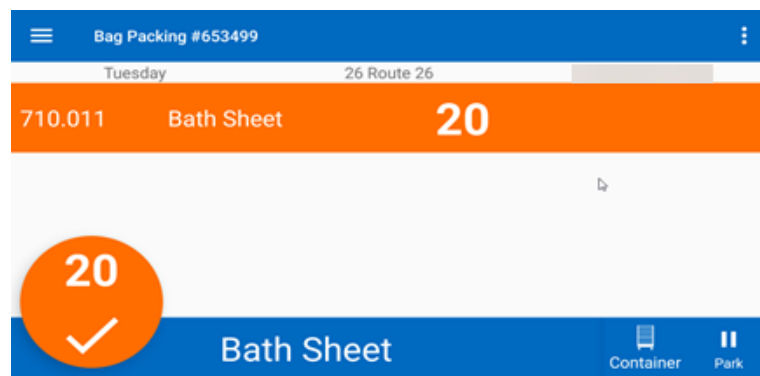
The Packing Assistant for Android is now available! Adding to the existing library of Android applications, the Packing Assistant for Android enables employees in the laundry to work paperless, i.e. without printed packing notes.

#### 12.1.1 Introduction

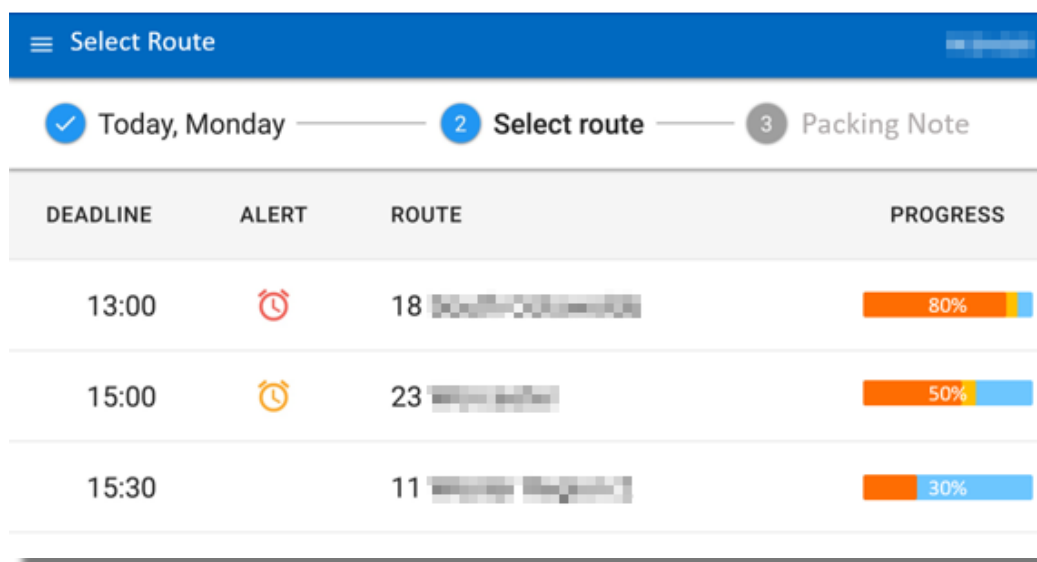
A clear overview shows the packing progress for the following four delivery days, including completed delivery notes and 'parked' packing notes. The user simply selects the day and route and the next most important packing note is automatically selected.



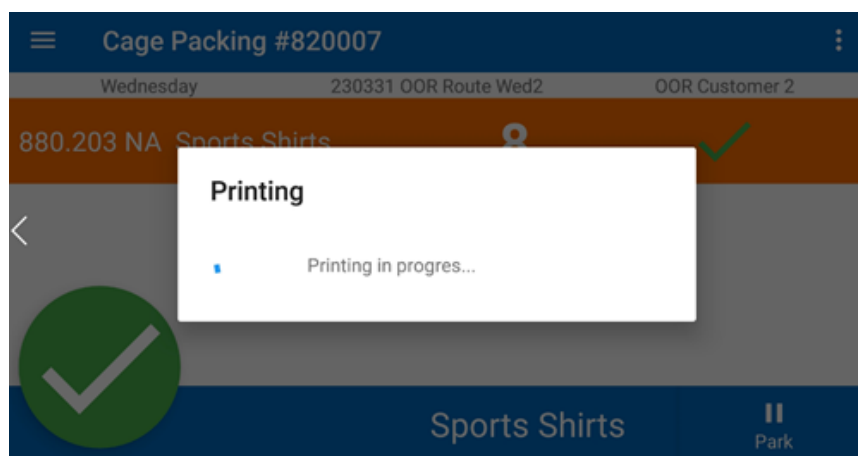
Packing Notes can be parked in order for them to be completed in a later stage. In order to finish a parked Packing Note, the user must scan the note number. It is possible to define through User Settings whether a "Parked Sheet" is printed when a Packing Note is parked. This will highlight the remaining quantity to be packed, as well as any relevant deadlines.



The Packing Assistant has two Operation Modes, "Packing Note" and "Paperless". The "Packing Note" mode allows the user to scan a Packing Note to digitally modify and process it from the Android application. In "Paperless" mode, the user will be presented with an overview of available Packing Notes for the upcoming days.



If needed, parked Packing Notes and Delivery Notes can be printed directly from the Packing Assistant application. Printing is done via the local printserver process, so that these documents can be printed from any (wireless) network.

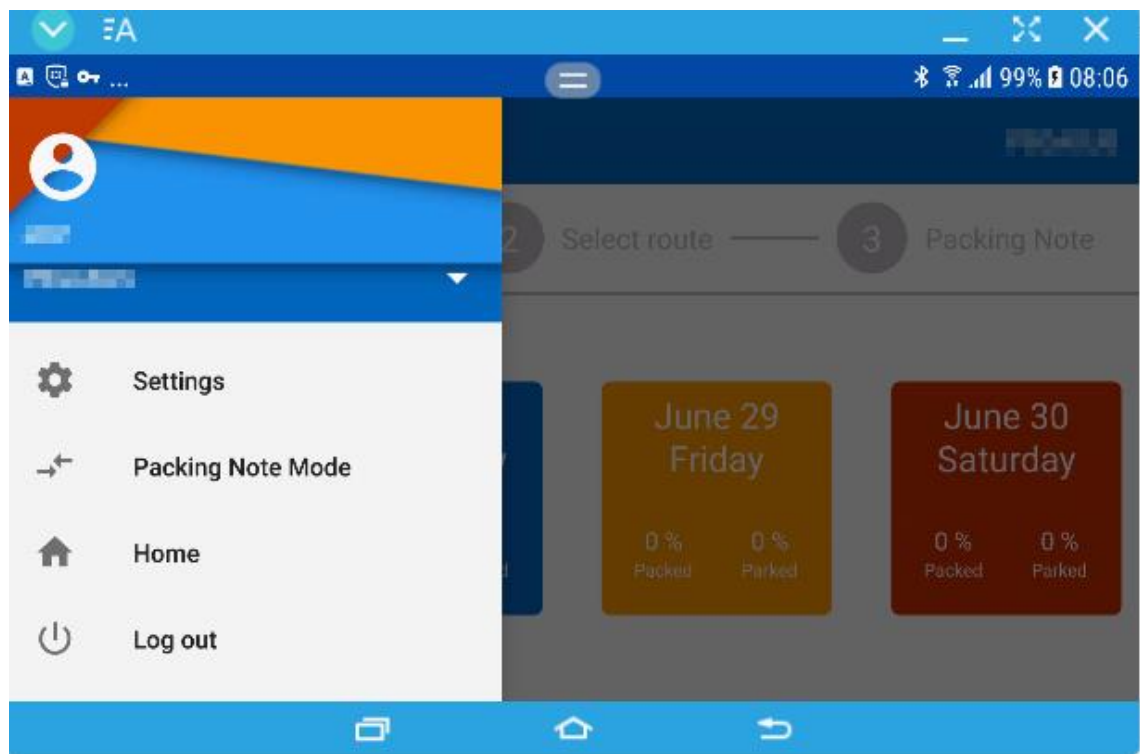


### 12.1.2 Configuration

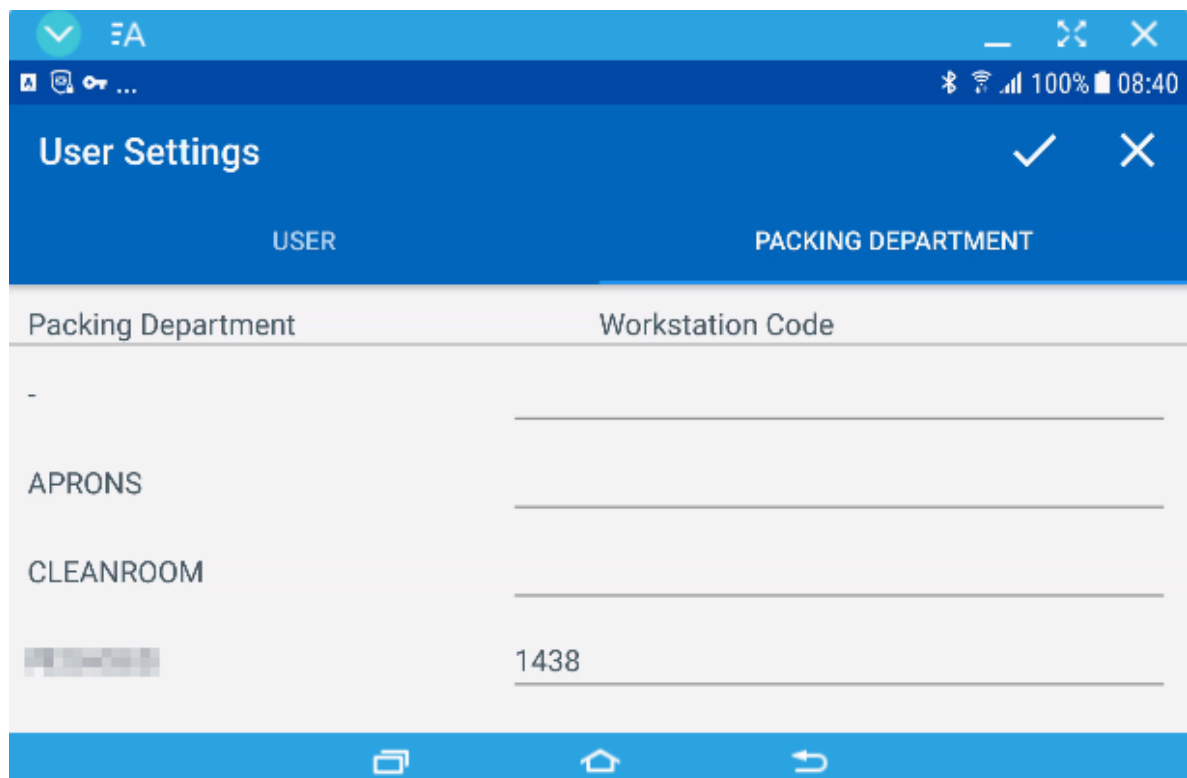
In the System User dialogue, the App Defaults tab allows the user to configure the behaviour of the Packing Assistant application. The default Operation Mode for the Packing Assistant can also be set here.

The colour of the delivery days can be set through the Days dialogue in ABSSolute.

The Operation Mode can always be switched from the Packing Assistant application itself.





To configure printing functionality, the Workstation connected to the currently selected Packing Department must have a local printer server defined.





Workstation


Add Workstation


 Save and Exit

 Cancel

 First

 Previous

 Next

 Last

Code

?

Description

?

Business Unit

Settings

Software Settings

Hardware Settings

Tag Reading

Printers


Print Settings


Label Printers


☐ Specific Report Server Cluster


☐ Serviced by Local Print Server


Directly Print without Preview Form


 Add

 Modify

 Delete

 Duplicate

 Grid Views

 Print

Screen	Report	Preview	Print

Note: System Setting PADAYTOSHOW is not supported in Paperless mode.

## 12.2 Option to enable/disable scanning in stock count/order

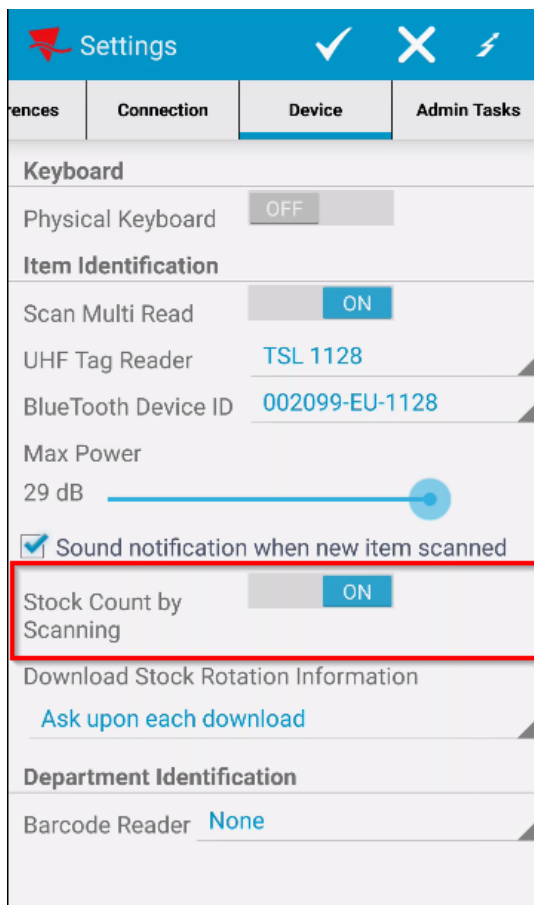
<b>PURPOSE</b>	Possibility to scan items or counting stock items manually
<b>AFFECTED DIALOGUES</b>	Device settings Android Linen Assistant
<b>SYSTEM SETTINGS</b>	Stock count by scanning Y/N
<b>MODULES</b>	
<b>ABS NUMBER</b>	PASA-36

With this development it is possible to decide to perform stock counts/orders manually or by scanning if check to be scanned.




This behavior can be controlled by a system setting on the Android Linen Assistant called 'Stock Count by Scanning Y/N.'

The reason for this change is to give the user the option to perform a scan in other options of the Android Linen Assistant and still have the option to enter a count / order manually when not all products are chipped.

For the user it is now more convenient to choose how the Android Linen Assistant behaves in case of scanning for counts/orders.



Setting stock count scanning by Scanning =N

 Count Products  




Thursday, 01 Mar

Department Dommelstroom

VRBZO

RLAMAT -	Count	>
T-shirt 32	Count	>
Blusjas 46/48	Order	>
Blusbroek 50-52	Order	>
Schouderstuk OVB 1	Order	>


Setting stock count scanning by Scanning =Y

 Scan Products  

Thursday, 01 Mar

Department Dommelstroom

VRBZO

0 

Connected

RLAMAT -	Scan	
T-shirt 32	Scan	
Blusjas 46/48	Order	>
Blusbroek 50-52	Order	>
Schouderstuk OVB 1	Order	>



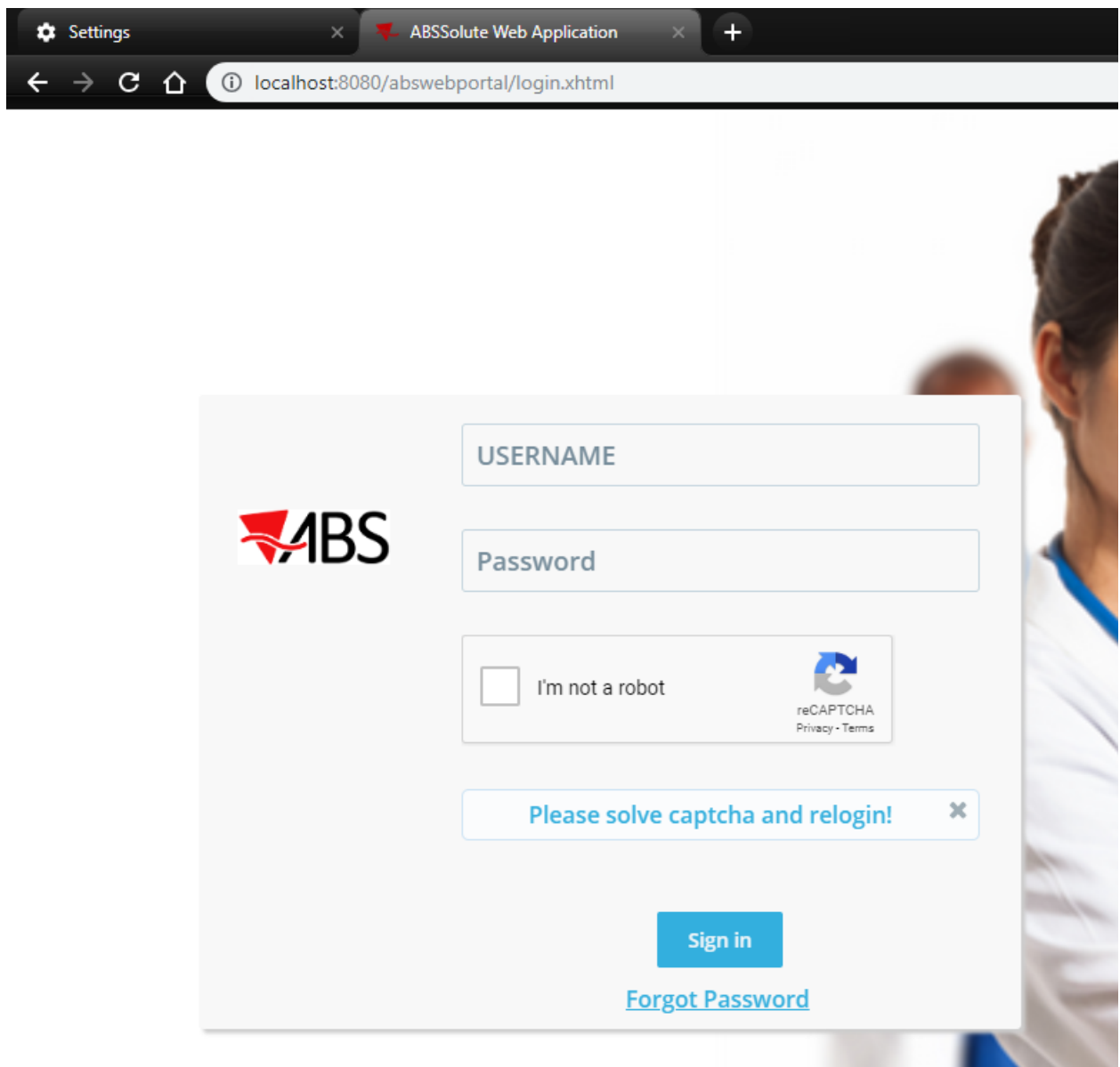
## 13 Technical

This section contains the main technical improvements to ABSSolute.

### 13.1 Protection against brute-force attacks

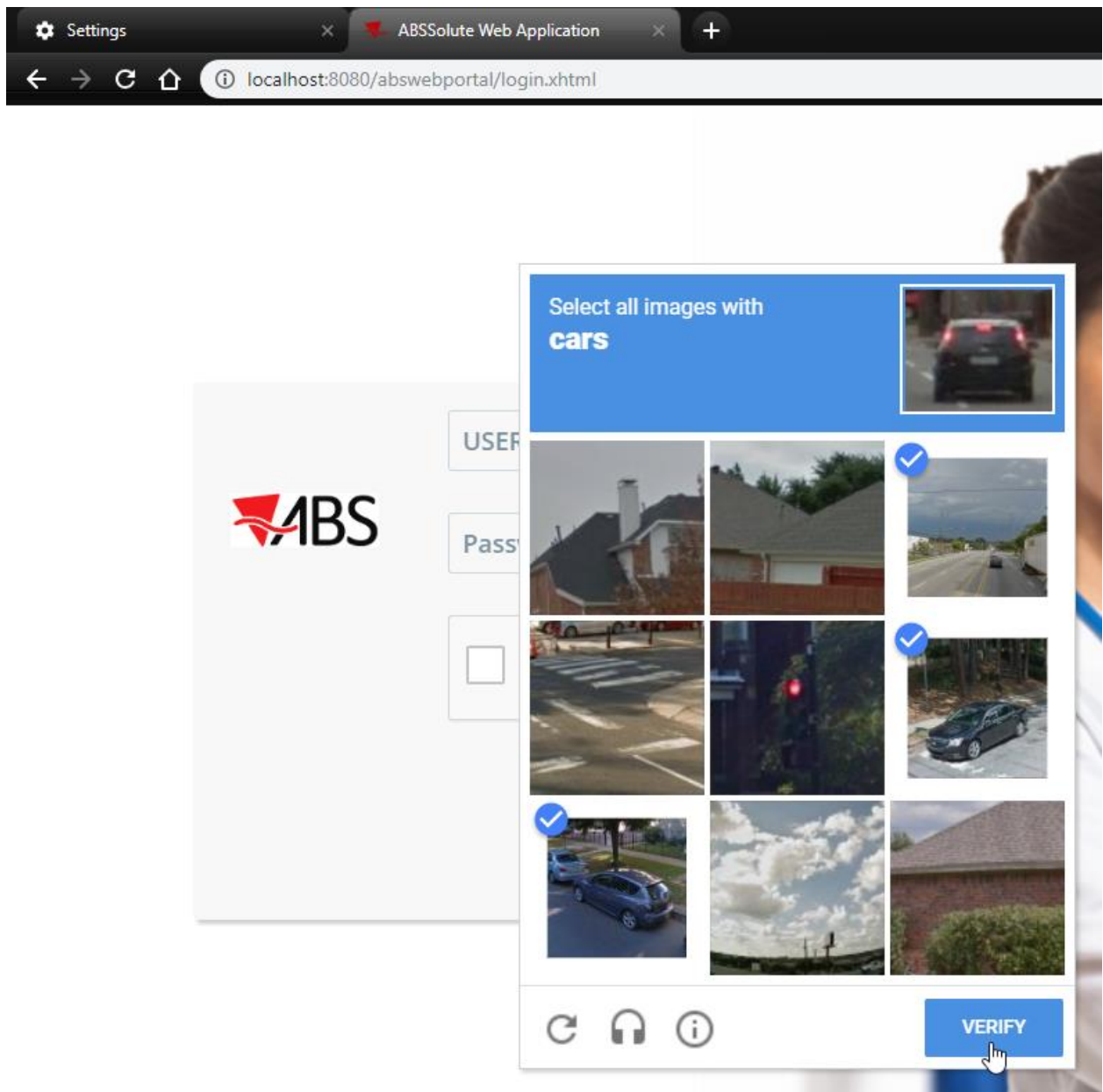
ABS NUMBER	ABS-68897
PURPOSE	Create protection from brute-force attacks
AFFECTED DIALOGUES	n/a
SYSTEM SETTINGS	Parameter in web.xml
MODULES	ABS Web Portals


In order to prevent brute force attacks in ABSWebPortal/WebClientX, after a certain number of failed logins for a web user, the user is required to solve an exercise before being able to login:





The number of consecutive failed logins for a web user is stored in column FAILEDLOGINS (ABSWebPortal) / INVALIDLOGINSSINCELASTPWCHANGE (WebClientX on table systemuser). Once the user is successfully logged in, this number is reset to 0.

To solve the captcha, the user has to press on checkbox “I’m not a robot” and follow the instructions on the screen. In some cases he doesn’t have to do anything, a green tick will appear immediately, in other cases he will have to choose some pictures from a set, in order to prove that he is a human and not a bot trying to brute force a password. The entire set of pictures and algorithm is done by Google.





 I'm not a robot

  
reCAPTCHA  
[Privacy](#) - [Terms](#)

[Forgot Password](#)

In web.xml three new parameters have been added:

```
<context-param>
  <param-name>captchaPublicKey</param-name>
  <param-value>6Le-KHQUAAAAABjEcebz3pmN2ri1K52cK3FiBwIe</param-value>
</context-param>
<context-param>
  <param-name>captchaPrivateKey</param-name>
  <param-value>6Le-KHQUAAAAAHyQ8D7tsrpfS0-NkyD_2cllQl9F</param-value>
</context-param>
<context-param>
  <param-name>maxFailedLoginsPerUser</param-name>
  <param-value>10</param-value>
</context-param>
```

captchaPublicKey and captchaPrivateKey can be replaced with own ones taken from a Google account by accessing <https://www.google.com/recaptcha/admin> and registering a new website. You have to use the Checkbox type.

If unsure, the default values from web.xml can be used. They belong to a google account owned by ABS.

The advantage for a customer to change them is to see statistics regarding the number of times they were solved in order to detect a potentially brute force attack. Also the difficulty of the captcha can be adjusted from the google account. By default, it is set to easiest:

▼ Advanced Settings

Security Preference

Easiest for users  
(some security features turned off)

Most secure  
(all security features turned on)

Domain Name Validation

☐ Verify the origin of reCAPTCHA solutions ?

If disabled, you are required to check the hostname on your server when verifying a solution.

☐ Send alerts to owners ?

Discard changes

Save changes

If a customer wants more security, this level can be adjusted. Also domain name validation can be enabled for better security.

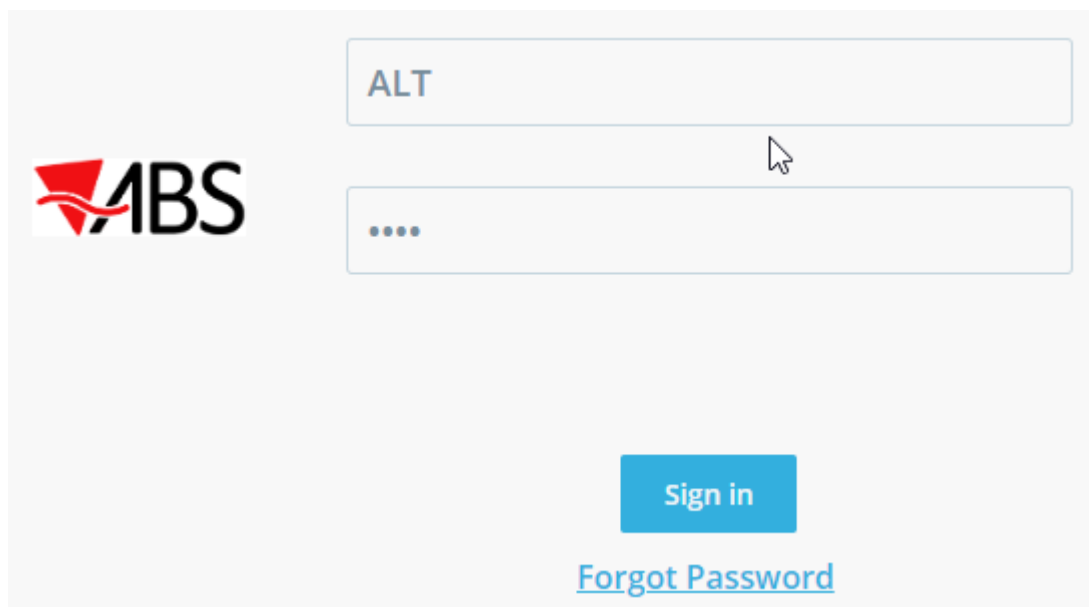
The `maxFailedLoginsPerUser` defines how many times a user can try to login until a captcha is required to solve. Because this process can be annoying a value of 10 or greater is highly recommended. In this way, a captcha will not pop up unless there are 10 or more failed logins for a webuser.

Setting the `maxFailedLoginsPerUser` to 0 will disable this functionality! (unlimited login attempts without captcha).

If a user already has the number of failed logins greater than `maxFailedLoginsPerUser` and opens the page for the first time, the captcha will not be displayed. (The page does not know what user you want to login with). In this case the page will ask you to login again after solving a captcha.

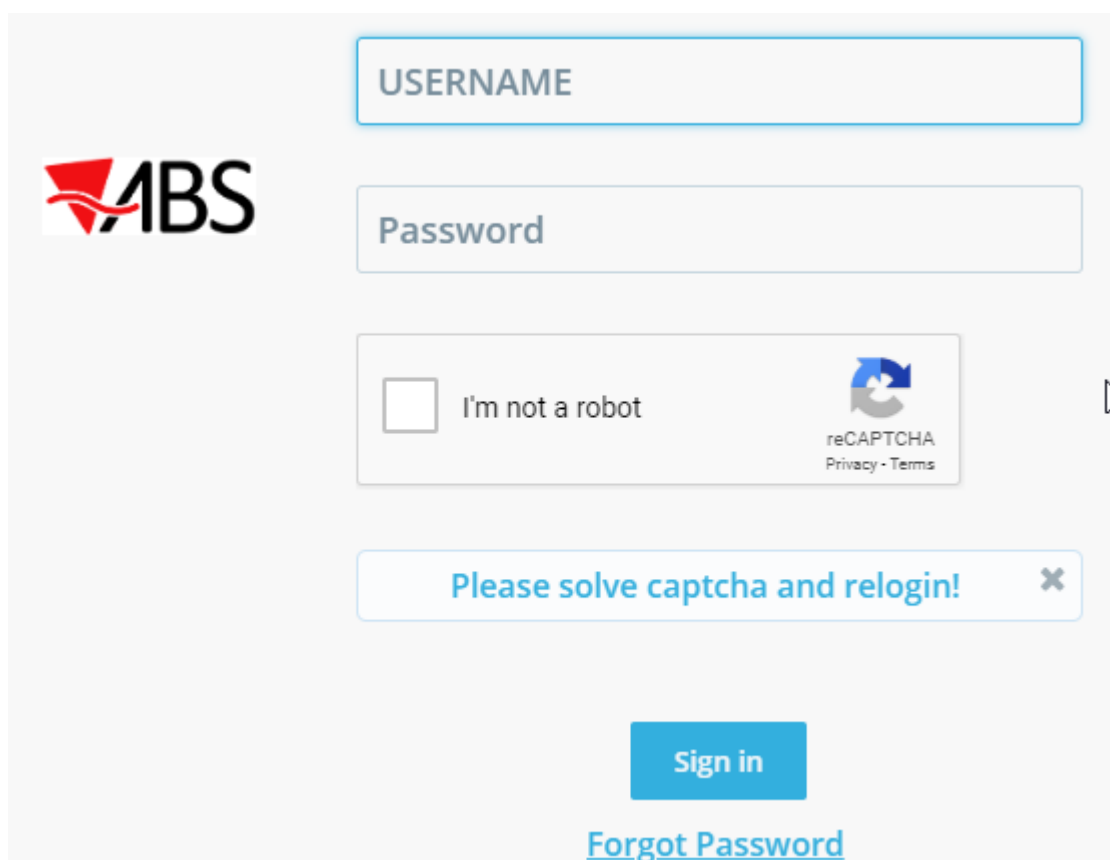
Example:

User ALT has 10 failed logins (attempts done by a bot/evil part) and the max number allowed is set to 10. Now he is opening a new browser (all cookies cleared) and sees the login screen:



The screenshot shows the ABS login interface. On the left is the ABS logo. To its right are two input fields: the top one contains the text 'ALT' and the bottom one contains four dots, indicating a password. Below these fields is a blue 'Sign in' button. At the bottom of the form is a blue link that says 'Forgot Password'.

He inputs the correct username/password, but instead of being logged in he is asked to login again while using the captcha:



The screenshot shows the ABS login interface after a failed attempt. The 'USERNAME' and 'Password' fields are now empty. Below the password field is a checkbox labeled 'I'm not a robot' next to a reCAPTCHA logo and the text 'reCAPTCHA Privacy - Terms'. A blue error message box with a close button (X) in the top right corner displays the text 'Please solve captcha and relogin!'. The 'Sign in' button and 'Forgot Password' link remain at the bottom.

He types the username/password again, solves the captcha and successfully logs in.

It is mandatory for the client to have access to urls [www.google.com](http://www.google.com) and [www.gstatic.com](http://www.gstatic.com) in order to be able to see the captcha.

On a normal network with no attacks on a particular web user/ systemuser, this functionality should be completely invisible. Most customers will not notice any change. This is also the reason why a value greater than 10 is recommended for max number of failed logins allowed: a user can enter his password wrongly 3-4 times at least (caps lock on, accidentally hitting another key, wrong keyboard language etc).

## 14 Miscellaneous Improvements

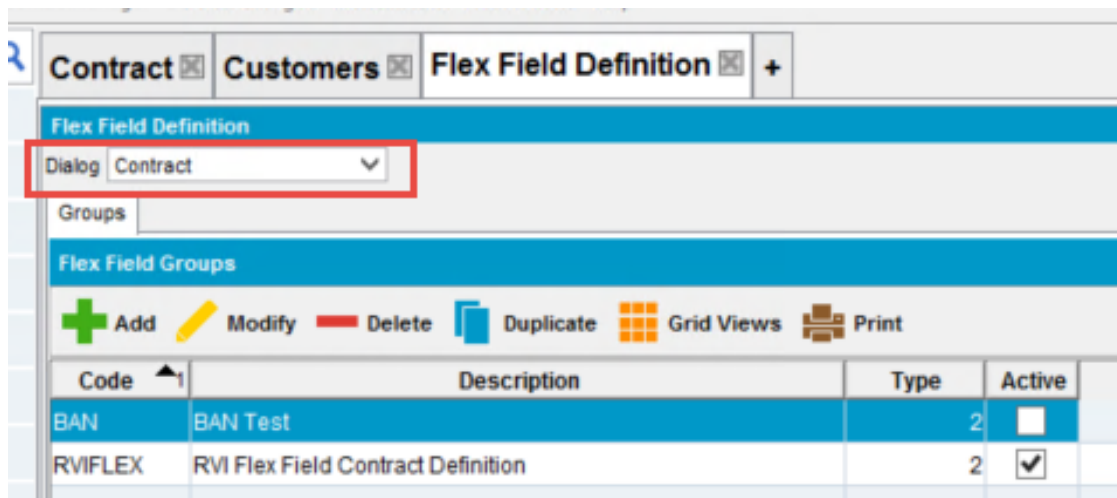
The following improvements were also made to the application. The ABS number that led to each change is listed between brackets.

### 14.1 General

#### 14.1.1 Extend Flex Fields to Contract dialog

<b>ABS NUMBER</b>	ABS-73549
<b>PURPOSE</b>	Allow for use of Flex Field functionality at Contract level
<b>AFFECTED DIALOGUES</b>	Flex Field Definition, Contract
<b>SYSTEM SETTINGS</b>	n/a
<b>MODULES</b>	Flex Fields

In the Flex Fields module, the functionality has been extended to include the Contract dialog:



When set, the Flex Fields tab is displayed for contracts, and can be used at this level in line with the standard flex field functionality:

The screenshot displays the 'Flex Field Definition' tab within the 'Add Contract' form. The top navigation bar includes 'Contract', 'Customers', and 'Flex Field Definition' tabs. Below this, the 'Add Contract' section has a 'Save' button and a 'Cancel' button. The form includes fields for 'Code/Status', 'Description', 'Category/Currency' (set to 'Primary Contract'), 'Contract Type' (set to '?'), and 'Owner' (set to 'Customer'). A secondary tab bar includes 'PO Numbers', 'Validity', 'Price Settings', 'Components', 'Pricelist', 'General', 'Amendments', 'Contract Customers', 'Remark', 'In Use', 'Flex Fields' (highlighted with a red box), and 'Secondary Contracts'. The 'Flex Fields' section is titled 'RVI Flex Field Contract Definition' and contains various input fields for free numbers, free text, free dates, and fixed lists.

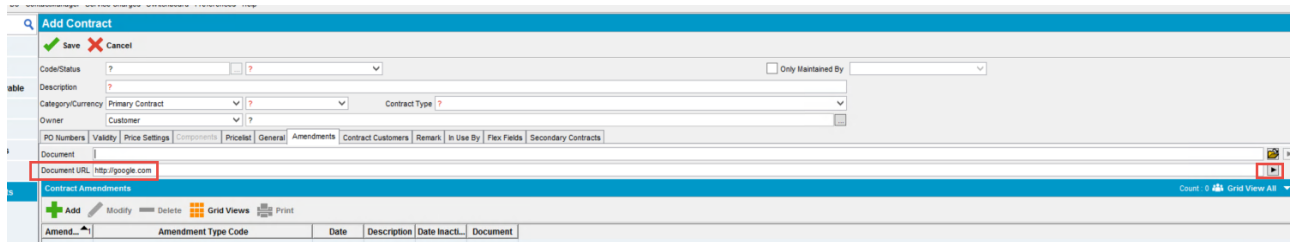
Field	Value
Free number (optional)	
Free number 1 (optional)	
Free number 2 (optional, default)	5
Free number 3 (mandatory)	?
Free text 1 (optional)	
Free text 2 (optional, default)	<optional>
Free text 3 (mandatory)	?
Free text 4 (mandatory, default)	<mandatory>
Free date 1 (optional, no default)	
Free date 2 (optional, default)	12/10/2018
Free date 3 (mandatory no default)	?
Free date 4 (mandatory with default)	12/10/2018
Fixed list 1 (optional, no default)	
Fixed list 2 (optional with default)	3000
Fixed list 3 (mandatory no default)	?
Fixed list 4 (mandatory with default)	Value 5



#### 14.1.2 URL link for Contract Documents

<b>ABS NUMBER</b>	ABS-72532
<b>PURPOSE</b>	Allow for URL link from within ABS client for Contract documents
<b>AFFECTED DIALOGUES</b>	Contract, Customer
<b>SYSTEM SETTINGS</b>	n/a
<b>MODULES</b>	n/a

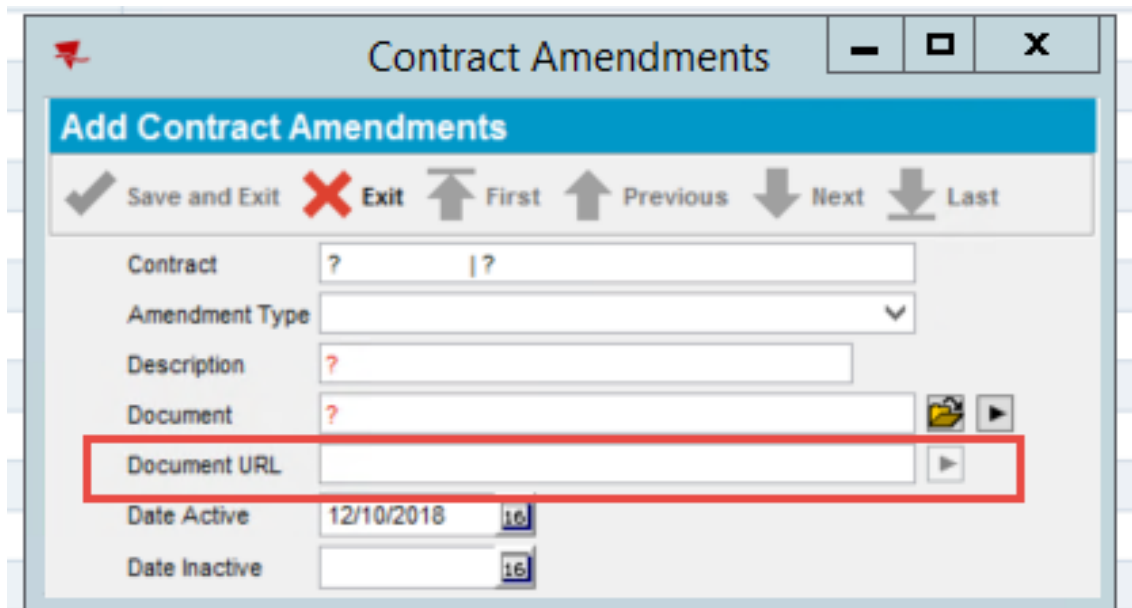
At the Contract level, a field has been added to allow for contract documents to be stored and accessed via a URL link:



A link can be used which begins with http://, https://, or ftp://

When pressing the PLAY arrow on the right of the field, the user's browser is automatically launched, taking the user to the indicated link.

The same field has also been added for Contract Amendments:



As well as in the Customer dialog, for single customer contracts:

The screenshot shows the 'Add Contract' dialog box. The title bar is 'Contract'. The header is 'Add Contract'. The dialog contains the following fields and controls:

- Buttons: Save and Exit (green checkmark), Cancel (red X), First (up arrow), Previous (up arrow), Next (down arrow), Last (down arrow).
- Customer: Text field.
- Code: Text field with a red question mark.
- Contract Document: Text field with a yellow icon and a right arrow.
- Document URL: Text field with a right arrow, highlighted with a red box.
- Sales Person: Text field with a red question mark and a dropdown arrow.
- Account Manager: Text field with a red question mark and a dropdown arrow.
- Commission Payable: Two checkboxes.
- Start: Blue button.
- Date Active: Text field with '12/10/2018' and a calendar icon.
- Sign Date: Text field with '12/10/2018' and a calendar icon.
- Contact Person: Text field with a dropdown arrow.
- Gain Reason: Text field with a dropdown arrow.

#### 14.1.3 Extend National Account Code to 15 Characters

<b>ABS NUMBER</b>	ABS-71811
<b>PURPOSE</b>	Allow for 15 characters in National Account Code
<b>AFFECTED DIALOGUES</b>	National Account
<b>SYSTEM SETTINGS</b>	n/a
<b>MODULES</b>	n/a

The length of the National Account code has been extended to 15 characters:

This allows for greater flexibility in the number of codes used in this field, and when linked to the Customer record.

Additionally, the conversion tool has been extended with this longer code field, and the ABS Business Intelligence tool has been extended to match.

#### 14.1.4 Google Maps plot features

<b>ABS NUMBER</b>	ABS-70472
<b>PURPOSE</b>	Changed Address use for plots from Billing Address to Delivery Address
<b>AFFECTED DIALOGUES</b>	Route Status Control
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	-

It was brought to our attention that the Google Maps customer plot feature was using the billing address of the customer instead of the delivery address. This obviously can be different based on a customer, or chain of customers where billing may occur at another location and doesn't provide correct details to the Route Assistant.

Due to this we now use the Delivery Address for all of the plot features for the customers.

- When adding a new Reason Code or Rag Reason or when modifying an existing one, the related dialogues will now automatically be added on the Dialogs tab (ABS-43517).
- General and Specific User Instructions have been extended to prevent certain plant departments from displaying the instruction. To exclude a department, add it to the Exclude tab in the User Instruction dialogues (ABS-36994).
- It is now possible to reprint labels for Unique Pool Items from the Maintain Unique Items dialogue. One label layout should be marked as “Used For Pool” in the Label Layout dialogue. The system setting LABELLAYOUTCHOICE determines if alternative layouts may be selected when “F6 Print Code Label” is pressed in Maintain Unique Items (ABS-65278).
- The new system setting DIRECTSALEPRODUCTSALLOWED prevents “Sales Only” products from being added to the Contract Price List, Product List Per Customer, or General Work Order (ABS-64262).
- Due Date, Due Mileage, and Servicing Remarks fields are now available in the Trucks dialogue under the newly added “Next Service” section. These fields can be used to link to the BI module, so that reports can be generated and BI alerts can be sent to the transport manager when services are due (ABS-59182).
- The Invoice Adjust Permissible attribute in the Product dialogue was removed because this was obsolete (ABS-48646).
- When adding a new Reason Code or Rag Reason or when modifying an existing one, the related dialogues will now automatically be added on the Dialogs tab (ABS-43517).
- General and Specific User Instructions have been extended to prevent certain plant departments from displaying the instruction. To exclude a department, add it to the Exclude tab in the User Instruction dialogues (ABS-36994).
- It is now possible to reprint labels for Unique Pool Items from the Maintain Unique Items dialogue. One label layout should be marked as “Used For Pool” in the Label Layout dialogue. The system setting LABELLAYOUTCHOICE determines if alternative layouts may be selected when “F6 Print Code Label” is pressed in Maintain Unique Items (ABS-65278).
- The new system setting DIRECTSALEPRODUCTSALLOWED prevents “Sales Only” products from being added to the Contract Price List, Product List Per Customer, or General Work Order (ABS-64262).
- Due Date, Due Mileage, and Servicing Remarks fields are now available in the Trucks dialogue under the newly added “Next Service” section. These fields can be used to link to the BI module, so that reports can be generated and BI alerts can be sent to the transport manager when services are due (ABS-59182).
- The Invoice Adjust Permissible attribute in the Product dialogue was removed because this was obsolete (ABS-48646).

## 14.2 Interfaces

### 14.2.1 Extend webservice for products to support multiple languages

<b>ABS NUMBER</b>	ABS-74831
<b>PURPOSE</b>	Update product descriptions in multiple languages via the webservice
<b>AFFECTED DIALOGUES</b>	-
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	WS_ABSSOLUTESTRUCTURES

- The webservice for products has been extended in such a way that it is now possible to update product descriptions in multiple languages.

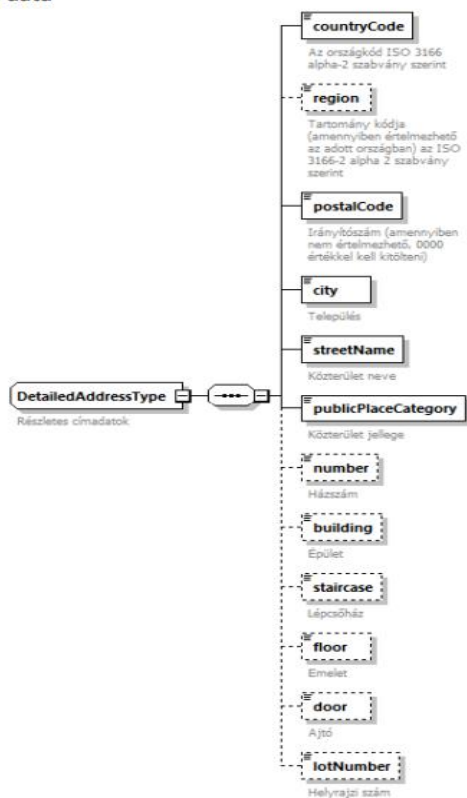
### 14.2.2 Modify Extend Hungary Tax Interface

<b>ABS NUMBER</b>	ABS-69946
<b>PURPOSE</b>	Switch from Simple Address to Detailed Address
<b>AFFECTED DIALOGUES</b>	Tax Export Status Control
<b>SYSTEM SETTINGS</b>	-
<b>MODULES</b>	HUNTAXEXPORT

With this request we switched the Hungarian Tax Export from simple address to detailed address.

In practise this means that in the background the data that is send to the Hungarian Tax Authority contains additional fields in regards to the simple address.

#### 2.1.3.2 Detailed address data



24 Structure of the DetailedAddressType element

The PublicPlaceCategory will be filled with an extract from the address field:

When it is an **utca** or **u** or **ut.** => **ut** (without .)    Utca            is            street            in            Hungarian  
When it is a **körút** or **krt.** => **krt** (without .)            Korut is boulevard in Hungarian

- A checkbox for the Loss for Pool interface with Galaxie was added to the Customer dialogue's Special tab. The new system setting GALAXIELOSSFORPOOLWEBSERVICE determines the default value of this checkbox (ABS-64731).

### 14.3 Cleanroom

- It is now allowed to re-use a sterilization run number when finalizing a batch - this would normally be used in case multiple batches received the same treatment together. The functionality was also made in such a way that when the user selects an already used sterilization number, he is informed - and if validated the value from that run is added automatically to the new batch (ABS-67690).

### 14.4 Linen

- System setting AUTOCREATERENTSTOP can now also be set to automatically add temporary delivery/rent stops when entering non-business days on Department level (ABS-59406).
- The Report Age Analysis Pool Items now also shows Customer Related Pool Items. When a specific customer is selected, only items related to that specific customer will be shown (ABS-58648).

### 14.5 Garments

- System users now have the correct access rights to the Wearer dialogue when it is opened from the Maintain Unique Items dialogue (ABS-57254).
- The maximum value for the InventoryMax field in the Wearer Inventory dialogue has been increased to 99,999 (ABS-52572).
- The Print Settings in the Workstation dialogue now allow configuration for work orders printed from the Wearer > Work Orders Per Wearer subdialogue (ABS-58084) as well as for locker labels printed from the Bank and Lockers dialogue (ABS-66716).

### 14.6 UHF

- It has now been made possible for a laundry to also use the Inscan RFID UHF equipment to scan containers with UHF tags, via the UHF Concentrator. This means that it is possible to only mount antennas and a reader to create Inscans, and have the UHF Concentrator installed somewhere else in the laundry. It was also made possible to make unattended Disinfection scans for containers with the UHF Concentrator of Containers, which can be useful to keep track of the number of disinfections/washes a container gets - and when it receives it (ABS-64092).
- It is now possible to install the UHF Concentrator at a customer to register all products which are ready to be picked up by the driver. The scans will be stored with the transaction type 'Soiled in Garment Dispenser'. If needed, this transaction can be renamed in ABSSolute to any name that suits the laundry (ABS-60194).
- The UHF Tag ID Code Filter is now correctly applied to UHF Concentrator scans. If the concentrator is offline, scans are saved locally and updated as soon as the connection to the database is re-established (ABS-65800).

### 14.7 Residential

- Some laundries preprint labels in batch for new clients. To charge these labels a client delivery note can be created. The problem with these notes was that special charges (like packing costs) are added which is not always wanted. By entering value 1 for the new system setting 'SCONCDNFORLABELS' in setting group 'Residential settings' the special charges are no longer added to client delivery notes that do not have lines (delivered pieces) or weight (ABS-63902).

- A new report is created to show the delivered pieces per client. The difference with existing reports is that the quantities are not shown per delivery note but product. You can show the quantities on day level (7 days of the week) or the totals for a period of 5 weeks (ABS-59258).
- Client invoices with missing prices will now be displayed in red in the Maintain Client Invoices dialogue. A “Missing prices” column has been added to the grid to allow for easy filtering (ABS-51055).
- Department and room information, as well as the client’s first name, have now been added to the Inscan, Outscan, Special Scan, and Presort Scan touchscreen dialogues (ABS-60475).

#### 14.8 Web portal

- Add possibility to skip (expected) orders. This is described in paragraph 0 because it is implemented both in the ABSSolute client as well as in the web portal. For a description of the functionality please check the paragraph mentioned above (ABS-59178).
- The fixed ordering checkbox in the Web Portal is now no longer editable when System Setting OVERRULESTANDARDDELIVERY is set as a fixed value in ABSSolute (ABS-59812).
- Residential customers can now immediately reprint the label when moving a residential item from one client to the other through the Move Item to Client dialogue in the Web Portal (ABS-52344).
- The Remove Employment button in the Web Portal has been repaired (ABS-68919).

#### 14.9 Stockroom & Purchasing

- With the new System Setting LINKPREQ2POREPLPROGRESS, Purchase Requisitions may now also be linked to Replenishment Quantities on partially received Purchase Order Lines (ABS-67349).
- The “Volume Price Defined” column has been added in the Aggregate Purchase Requisitions tab on the Purchase Requisition dialogue. It shows if a volume price exists for that particular aggregate line (ABS-63692).
- The “Qty Available” and “Pickable Qty” columns have been added to the Intercompany Ordering Monitor dialogue. The former displays quantities available in the local stockroom; the latter shows quantities that are in a pickable Stockroom Location (ABS-63674).
- Columns for Modification 1, 2, and 3 have been added to the grid in the Purchase Order dialogue’s Ordered Items tab (ABS-63706).

#### 14.10 Mobile

- The upload to the Route Assistant for Android application will now correctly take into account if a route is already settled in ABSSolute (ABS-67242).

#### 14.11 Technical

##### 14.11.1 Update to I-Net version 18.

<b>ABS NUMBER</b>	ABS-74021
<b>PURPOSE</b>	Update I-Net report engine
<b>AFFECTED DIALOGUES</b>	All reports
<b>SYSTEM SETTINGS</b>	--
<b>MODULES</b>	--

The update to I-Net version 18 will be handled in the background of the ABSSolute application.

A few key items that are changed:

- Support for Java 11
- Support for XLSX and ODS document formats