



Part of Vitec Software Group

ABSSolute Certification Matrix For Current Releases

Author	Adrian Banciu
Function title	Team Lead Migrations & Support TechOps
E-mail	adrian.banciu@abslbs.com
Document reference	
Version	9.10.00 v4
Date	April 2026

Document History

Change history				
Author	Version	Release Date	Status	Comment
J. Minnaar	V9.04.2	5-Mrt-2020	Update	- Added Windows 2019 support for Business Intelligence
J. Minnaar	V9.05.1	17-Feb-2021	Update	- Added chapter V905 for new core release - Removed chapter V903, to support only - Added chapter independent applications - General Support announcements updated 3 rd party EOL dates - Removed chapter Windows mobile apps (out of support)
J. Minnaar	V9.06.1	25-Mar-2022	Update	- Added chapter V906 for new core release - Removed chapter V904, to support only - Added Windows 11 support for V906 ABSolute client - Updated BI Analytics to V5.9 - Updated General Support announcements - 3rd party EOL dates - Updated chapter Android apps - Updated V906 web portal & Web apps browser compatibility
J. Minnaar	V9.07.1	30-Jan-2023	Concept	- Updated General Support announcements – ABS products <ul style="list-style-type: none"> • Web applications will be deployed with Tomcat 9 • Payara web server is reaching EOL - Updated General Support announcements - 3rd party EOL dates <ul style="list-style-type: none"> • Added Windows 11 & 2022 Server current builds • Removed obsolete Windows & Linux releases • Removed obsolete BI releases - Added chapter V907 for new core release <ul style="list-style-type: none"> • Added support for Windows 2022 Server - Removed chapter V905 - Updated BI Analytics to V20.6.4
A.Banciu / J. Minnaar	V9.08.0	07-Mar-2024	Update	- Updated General Support announcements – ABS products <ul style="list-style-type: none"> • Web applications will be deployed with TomEE 9 and Tomcat9 - Updated General Support announcements - 3rd party EOL dates <ul style="list-style-type: none"> • Added Windows 10, 11 & 2022 Server current builds • Removed obsolete Windows & Linux releases • Removed obsolete BI releases - Added new chapter (Cyber) Security overview - Added chapter V10 for new client - Added chapter V908 for new core release - Removed chapter V906 - Updated OAS to V2023 - Updated Independent applications chapter
A.Banciu / J. Minnaar	V9.09.0	27-Jan-2025		Updated General Support announcements – ABS products <ul style="list-style-type: none"> • Web applications will be deployed with Tomcat10.1 • Java update from version 17 to version 21 • ABS Mobile Gateway introduction for all Android mobile applications Updated chapter (Cyber) Security overview Added new chapter v909 for new core release Removed chapter v907 Updated OAS to V2024/2025 Updated Independent applications chapter (added Peripheral Agent)
A.Banciu / J. Minnaar	V9.10.0	20-Feb-2026		Updated General Support announcements – ABS products Updated chapter (Cyber) Security overview Added new chapter v910 for new core release Removed chapter v908 Updated OAS to V2025/2026 Updated satellite applications chapter Added new chapter external applications
E. Laurant	V 9.10.1	April 1 2026		Added Spark section

Contents

CONTENTS	3
INTRODUCTION	4
RELEASE DEVELOPMENT STATUS	5
1.1 CURRENT RELEASE	5
1.2 SUPPORT-ONLY RELEASE	5
ABSSOLUTE SYSTEM	6
1.3 GENERAL SUPPORT ANNOUNCEMENTS	6
<i>ABS products</i>	6
<i>3rd party products</i>	6
ABSSOLUTE (CYBER) SECURITY OVERVIEW	8
1.4 ABS SECURITY RISK CLASSIFICATION	8
ABSSOLUTE VERSION 9.10.00 (V910) AND HIGHER	10
ABSSOLUTE VERSION 9.09.00 (V909) AND HIGHER	12
ABSSOLUTE BUSINESS INTELLIGENCE	15
1.5 ORACLE ANALYTICS 2024/2025/2026	15
LAUNDRY SATELLITE APPLICATIONS	15
ABSSOLUTE PDA APPLICATIONS.....	17
<i>Android app requirements</i>	17
<i>RFID UHF readers</i>	18
<i>Linen Assistant Android</i>	18
<i>Garment Assistant Android</i>	19
<i>Route Assistant Android</i>	19
<i>SI Tag Android</i>	20
<i>Item Dispense Android</i>	20
<i>Packing Assistant Android</i>	20
<i>Bulk Packing Assistant Android</i>	20
<i>Truck Load Assistant Android</i>	21
<i>Exchange Cart Assistant Android</i>	21
ABSSOLUTE EXTERNAL APPLICATIONS	21
ABSSOLUTE OPTIONAL APPLICATIONS.....	22
ABSSOLUTE SERVER VIRTUALIZATION & CLOUD	23



Introduction

The core of the three-tier *ABSSolute* system consists of the components:

- *ABSSolute* client,
- *ABSSolute* middle tiers (Application server & Report server),
- Oracle database.

The Client and middle tier components are written 100% pure Java. These components run with Java Run-time Environment (JRE). The core middle-tier components make use of Oracle client and database software.

For implementation possibilities and certification, the *ABSSolute* system depends on Java and Oracle database supported system configurations.

The *ABSSolute* web services and web application are by default deployed on Tomcat and written in 100% Java and only depends on the required Java Runtime Environment.

The next chapters provide the supported system configuration matrixes for the current *ABSSolute* releases.

Feel free to contact ABS Support desk for specific configurations not listed or for any other certification questions.

Release development status

ABS recognizes the development status of an ABSSolute release in current releases and support-only releases.

1.1 Current release

An *ABSSolute* Current release is a release that is currently actively maintained by development. Certifications for new system configurations can be added for such a release.

When a new system configuration gets certified, this normally results in a new full build for an *ABSSolute* release.

The certification matrix for current releases is described in this document.

1.2 Support-Only release

An *ABSSolute* Support-Only release is a release that is taken out development. Certification against new system configurations is frozen. ABS offers an upgrade path to higher releases. Contact the ABS support desk for upgrade support questions.

The certification matrix for terminal releases is described in document: “*ABSSolute* Certification Matrix – Support-Only releases”

ABSSolute System

1.3 General Support announcements

ABS products

- From ABSSolute releases higher than V9.10.00:
 - Web applications will be deployed with Tomcat 10.1 (updated on a quarterly basis)
 - All Android applications will connect via REST to ABS Mobile Gateway standalone application
 - Starting with ABSSolute release V9.10.00, all applications Java runtime version is updated to Java 21 (21.0.9) - (updated on a quarterly basis)
- From ABSSolute releases higher than V9.09.00:
 - Web applications will be deployed with Tomcat 10.1
 - All Android applications will connect via REST to ABS Mobile Gateway standalone application
 - Starting with ABSSolute release V9.09.00, all applications Java runtime version is updated to Java 21 (21.0.5)
- From ABSSolute releases higher than V9.08.00:
 - Web applications will be deployed with TomEE 9 and Tomcat 9, because Payara web server is replaced (reaching EOL) and TomEE8 reached EOL
 - Starting with ABSSolute release V9.07.04, Java 11 runtime version is updated to Java 17 (17.44.15)
- From ABSSolute releases higher than V9.07.00:
 - Web applications will be deployed with TomEE 8, where Payara web server is replaced (reaching EOL)
 - For security & compatibility ABSSolute components are shipped with latest Java 11 Runtime (11.60.19)
- Starting from ABSSolute release V9.05.00:
 - Connections will not be possible from Windows mobile apps
- Starting from ABSSolute releases higher than V9.04.00:
 - Windows Mobile Apps are not supported anymore
- Starting from ABSSolute V9.04.00:
 - ABSSolute client can be deployed on 64-bit Windows systems only

For Azul's Zulu OpenJDK Java and Tomcat web server, ABS ships by default the community editions. If needed for example from company policy perspective, a commercial license can be acquired through ABS.

3rd party products

To avoid security risks, it's important to budget and plan the phase out of technology that's reaching end of life. Please take the following End of support dates into account.

Technology

Windows

- Microsoft support for Windows 11 build 26H1(E)
- Microsoft support for Windows 11 build 25H2(E)
- Microsoft support for Windows 11 build 24H2(E)LTS
- Microsoft support for Windows 11 build 24H2(E)
- Microsoft support for Windows 11 build 23H2(E)LTS
- Microsoft support for Windows 10 build 21H2(E)LTS
- Microsoft support for Windows Server 2025(LTSC)
- Microsoft support for Windows Server 2022(LTSC)
- Microsoft support for Windows Server 2019(LTSC)
- Microsoft support for Windows Server 2016(LTSC)

End of support date

March 13th, 2029
 October 10th, 2028
 October 9th, 2029
 October 12th, 2027
 October 9th, 2029
 January 12, 2027
 October 10th, 2034
 October 14th, 2031
 January 09th, 2029
 January 12th, 2027

Linux

- Oracle Linux 9
- Oracle Linux 8
- Redhat support for RHEL 9 Linux
- Redhat support for RHEL 8 Linux

June 30th, 2032
 July 31st, 2029
 May 31st, 2032
 May 31st, 2029

Oracle Database, OAS & Business Intelligence

- Oracle support for database 19c (LTS)
- Oracle support for Oracle Analytics Server 2024
- Oracle support for Oracle Analytics Server 2025
- Oracle support for Oracle Analytics Server 2026

December 31st, 2029
 March 1st, 2026
 March 1st, 2027
 March 1st, 2028

ABSSolute (Cyber) Security overview

ABS has recognized that security is ever increasing in importance, and we therefore start going into detail regarding the security improvements included in our latest release. Beyond functional improvements, security improvements are important reasons to upgrade to our latest release, to keep you and your customers' (data) safe. The most notable changes have been included based on input from audits, both initiated by ABS itself and its' customers, for example on the ABS Web Portal.

The ABS support department is available for any support in this matter.

1.4 ABS Security Risk Classification

The following risk classification is defined for the Security Overview:

Nr	Security Risk Classification	In Support Software (ABS / 3rd Party)	Out of Support Software	Description
1	Low / None	X	X	No known issues or hardly a threat
2	Medium	X	X	Possible threat
3	High / Critical	X	X	High Risk & Active threats

High and critical items do have a CVSS v3 classification of 7.0 or higher.

More information about CVS classification can be found at:

<https://www.sans.org/blog/what-is-cvss/>

The following ABSSolute system Security Overview does contain the risks identified for the ABSSolute software together with their 3rd party software components used:

ABSSolute Component Security Risk Overview

Nr	ABSSolute Component	Function	ABS Versions with Release date (latest patch applied)						
			V904 2020	V905 2021 Q1	V906 2022 Q1	V907 2023 Q1	V908 2024 Q1	V909 2025 Q1	V910 2026 Q1
1	Client	FAT client installed on PC for application	X	X	X	X	X	X	X
2	V10 Web client	Web client for application users	-	-	-	-	X	X	X
3	Application Server	Server for ABSSolute client and Web	X	X	X	X	X	X	X
4	Report server	Reporting for ABSSolute client and Web	X	X	X	X	X	X	X
5	Web services	Used for Mobile Apps / REST Integration	X	X	X	X	X	X	X
6	Web Portal	Customer Web Portal	X	X	X	X	X	X	X

3rd party Software Component Security Risk Overview

Nr	3rd Party Component	Function	Versions	3rd party SW with Release date (latest patch applied)						
				V904 2020	V905 2021 Q1	V906 2022 Q1	V907 2023 Q1	V908 2024 Q1	V909 2025 Q1	V910 2026 Q1
1	Apache HTTP web server	Traffic redirection, load divider & SSL certificate	Version 2.4	X	X	X	X	X	X	X
2	Web server	Deploys Web portal and ABS Web services	Payara 5	X	X	X	-	-	-	-
			TomEE 8/9	-	-	-	X	X	-	-
			Tomcat 9	-	-	-	X	X	-	-
			Tomcat 10	-	-	-	-	X	X	X
3	Oracle database	Transactional database	11C (11.2)	-	-	-	-	-	-	-
			12C (12.2)	X	X	X	-	-	-	-
			19C	X	X	X	X	X	X	X
4	BI server	Business Intelligence/ Oracle Analytics Server	OBIEE 12.2.0.3	X	X	X	-	-	-	-
			OBIEE 12.2.0.4	X	X	X	X	-	-	-
			Analytics 2024	-	-	-	X	X	X	X
			Analytics 2025	-	-	-	X	X	X	X
			Analytics 2026	-	-	-	X	X	X	X

Recommendations

Important remarks to keep the software stack safe:

- Stay on a *supported ABSSolute software* release.
- Have *periodically software fixes applied*, for 3rd party software components is on quarterly cycle currently.
- *Software fixes* are made available on supported releases through the ABS support maintenance agreement.
- Periodically software patch *installation activities* are covered by a Technical SLA - or Hosting agreement.
- *Monitor actively* ABS security announcements, those will be shared by the support department when needed.

ABSSolute Version 9.10.00 (V910) and higher

ABSSolute Fat Client and TouchScreen Apps	Supported
Windows 8	No
Windows 10	Yes*
Windows 11	Yes
Windows 2012 Server R2 - Terminal server	No
Windows 2016 Server - Terminal server	Yes*
Windows 2019 Server – Terminal server	Yes
Windows 2022 Server – Terminal server	Yes
Windows 2025 Server – Terminal server	Yes

Remarks:

- * - Please check above exact dates when Microsoft will end support for these OS
- Supports 64 bit Windows only
- ABSSolute support for 4K (3840 × 2160) resolution
- Supported screen resolutions are 1024x768 and higher
- 4K (3840 × 2160) resolution requires 100% display scale. Other font sizes or scales not supported
- ABSSolute clients are supported on x86/x64 CPU architecture only. ARM-based processors are not supported

ABSSolute Infinity (V10) WebClient supported Operating Systems	Supported
Windows 8	No
Windows 10	Yes*
Windows 11	Yes

v10 Client Version	Angular Version	Node.js Version	NX Version	Nginx Version **	ABSSolute Version	MinLocalPrintServer Version	Max LocalPrintServer Version *	Min PeripheralAgent Version	Max PeripheralAgent Version *	Comments	Supported
10.0.0	10.2.15	16.19.0	15.1.5	1.22.3 stable	9.0701.RELEASE_p02 and all next patches	2.0	2.0	N/A	N/A	-	Y
10.1.0	10.0.0	16.19.0	16.1.4	1.24 stable	9.0704.RELEASE and all next patches	2.0	2.0	N/A	N/A	-	Y
10.2.0	10.0.0	16.19.0	16.1.4	1.24 stable	9.08.00 RC1	2.1	-	N/A	N/A	-	N
10.3.0	10.0.0	16.19.0	16.1.4	1.24 stable	9.08.00.RELEASE	2.1	2.1	N/A	N/A	-	N
10.4.0	10.0.0	16.19.0	16.1.4	1.24 stable	9.08.00.RELEASE_p01 and all next patches	2.1	-	N/A	N/A	-	Y
10.6.X	18.1.2	20.15.1	19.5.6	1.24 stable	9.09.02	2.1 http / 2.2 with https	-	1.0.0	1.0.0	-	Y
10.7.0	18.1.2	20.15.1	19.5.6	1.24 stable	9.09.00	2.3.0	-	1.1.0	1.1.0	-	Y
10.8.0	18.1.2	20.15.1	19.5.6	1.24 stable	9.09.01	2.4.0	-	1.2.0	1.2.0	-	Y
10.9.0	18.1.2	20.15.1	19.5.6	1.24 stable	9.09.02	2.5.0	-	1.3.0	-	-	Y
10.10.0	18.1.2	20.15.1	19.5.6	1.24 stable	9.09.03	2.5.0	-	1.4.0	-	only for testing environments	Y
10.11.0	20.2.4	22.21.0	21.5.3	1.24 stable	9.10.00.RELEASE_p01	2.6.0	-	1.5.0	-	compatible starting with p01R	Y

ABSSolute V10 WebClient Supported browsers	Supported
Internet Explorer V11	No
Microsoft Edge – V103.* and higher major versions	Yes
Firefox - current major Extended Support Release (ESR) version V102.* and above	Yes
Google Chrome - most current major stable channel release only V103.* and above	Yes
Apple Safari	No

Remarks:

- * - Please check above exact dates when Microsoft will end support for this OS
- ABSSolute support for 4K (3840 × 2160) resolution
- Supported screen resolutions are 1366 x 768 and higher

- 4K (3840 × 2160) resolution requires 150% display scale. Other font sizes or scales not supported
- ABSolute clients are supported on x86/x64 CPU architecture only. ARM-based processors are not supported
- Infinity webclient is developed to be used on large screens like laptops, touchscreens or tablets. It is not supported on mobile phones' screens.

ABSolute Application and Report Server	Supported
Windows Server 2012 R2	No
Windows Server 2016	Yes*
Windows Server 2019	Yes
Windows Server 2022	Yes
Windows Server 2025	Yes
Red Hat Enterprise Linux 7/ Oracle Linux 7	No
Red Hat Enterprise Linux 8/ Oracle Linux 8	Yes
Red Hat Enterprise Linux 9/ Oracle Linux 9	Yes

ABSolute Web Applications	Supported
Windows Server 2012 R2	No
Windows Server 2016	Yes*
Windows Server 2019	Yes
Windows Server 2022	Yes
Windows Server 2025	Yes
Red Hat Enterprise Linux 7/ Oracle Linux 7	No
Red Hat Enterprise Linux 8/ Oracle Linux 8	Yes
Red Hat Enterprise Linux 9/ Oracle Linux 9	Yes

Remarks:

- * - Please check above exact dates when Microsoft will end support for this OS
- Supports 64 bit OS only
- ABSolute web applications and web services are deployed on Tomcat10.1 open source edition, commercial license can be gathered at ABS
- Web applications: AbsWebPortal, ABSMobile Firebase services, WebClientX, WebClient Cleanroom Packing Instructions, WebClient Replace SmartBarcode, WebClient RouteReturns, UhfMonitor

ABSolute Web Applications Supported browsers	Supported
Internet Explorer V11	No
Microsoft Edge – V103.* and higher major versions	Yes
Firefox - current major Extended Support Release (ESR) version V102.* and above	Yes
Google Chrome - most current major stable channel release only V103.* and above	Yes
Apple Safari	No

Remarks:

- Certification is done for Edge, Firefox & Chrome on Windows 10/11 against default browser settings
- Browsers on Apple devices are not certified, but can work at own risk
- Web apps must be allowed to use Java script and use pop ups in browser settings

- PDF reader must be installed to view the reports
- Responsive layout design is based on screen resolutions from 1024x768 and higher
- Web portal is designed for use on desktops, laptops and tablets, not for smart phones
- Web Clients: WebClientX, WebClientRouteReturns, ABS Mobile Firebase services, UHFMonitor, RepairRegistration
- WebClientX runs on desktops, tablets, not on smart phones and resolution is responsive
- WebClientRouteReturns and WebClientResidentialDelivery are built to run on touch screens

Oracle 19C Database (19.25.0.0.0) 64 bits only	Supported
Windows Server 2012 R2	No
Windows Server 2016	Yes*
Windows Server 2019	Yes
Windows Server 2022	Yes
Windows Server 2025	Yes
Red Hat Enterprise Linux 7/ Oracle Linux 7	No
Red Hat Enterprise Linux 8/ Oracle Linux 8	Yes
Red Hat Enterprise Linux 9/ Oracle Linux 9	Yes

Remarks:

- * - Please check above exact dates when Microsoft will end support for this OS
- Oracle 19C is the only supported version
- Build 19.13.0.0.0 or higher provides support for Windows Server 2022
- Build 19.27.0.0.0 or higher provides support for Windows Server 2025
- Oracle recommends that you update OS to the latest available version and release level.

ABSSolute Version 9.09.00 (V909) and higher

ABSSolute Fat Client and TouchScreen Apps	Supported
Windows 8	No
Windows 10	Yes
Windows 11	Yes
Windows 2012 Server R2 - Terminal server	No
Windows 2016 Server - Terminal server	Yes
Windows 2019 Server – Terminal server	Yes
Windows 2022 Server – Terminal server	Yes

Remarks:

- Supports 64 bit Windows only
- ABSSolute support for 4K (3840 × 2160) resolution
- Supported screen resolutions are 1024x768 and higher
- 4K (3840 × 2160) resolution requires 100% display scale. Other font sizes or scales not supported
- ABSSolute clients are supported on x86/x64 CPU architecture only. ARM-based processors are not supported

ABSSolute Infinity (V10) WebClient supported Operating Systems	Supported
Windows 8	No
Windows 10	Yes
Windows 11	Yes

VD Client Version	Angular Version	Node.js Version	NR Version	NgRx Version **	ABSSolute Version	Min LocalPrintServer Version	Max LocalPrintServer Version *	Min PeripheralAgent Version	Max PeripheralAgent Version *	Comments	Supported
10.0.0	12.2.13	16.19.0	151.5	1.22.1 stable	9.07.01.RELEASE.p02 and all next patches	2.0	2.0	N/A	N/A	-	Y
10.1.0	16.0.0	16.19.0	161.4	1.24 stable	9.07.04.RELEASE and all next patches	2.0	2.0	N/A	N/A	-	Y
10.2.0	16.0.0	16.19.0	161.4	1.24 stable	9.08.00.BC1	2.1	-	N/A	N/A	-	N
10.3.0	16.0.0	16.19.0	161.4	1.24 stable	9.08.00.RELEASE	2.1	2.1	N/A	N/A	-	N
10.4.0	16.0.0	16.19.0	161.4	1.24 stable	9.08.00.RELEASE.p01 and all next patches	2.1	-	N/A	N/A	-	Y
10.6.X	18.1.2	20.15.1	19.5.6	1.24 stable	9.08.02	2.1 http / 2.2 with https	-	1.0.0	3.0.0	-	Y
10.7.0	18.1.2	20.15.1	19.5.6	1.24 stable	9.09.00	2.3.0	-	1.1.0	1.1.0	-	Y
10.8.0	18.1.2	20.15.1	19.5.6	1.24 stable	9.09.01	2.4.0	-	1.2.0	1.2.0	-	Y
10.9.0	18.1.2	20.15.1	19.5.6	1.24 stable	9.09.02	2.5.0	-	1.3.0	-	-	Y
10.10.0	18.1.2	20.15.1	19.5.6	1.24 stable	9.09.05	2.5.0	-	1.4.0	-	only for testing environments	Y
10.71.0	20.2.4	22.21.0	215.5	1.24 stable	9.10.00.RELEASE.p01	2.6.1	-	1.5.0	-	compatible starting with p01	Y

ABSSolute V10 WebClient Supported browsers	Supported
Internet Explorer V11	No
Microsoft Edge – V103.* and higher major versions	Yes
Firefox - current major Extended Support Release (ESR) version V102.* and above	Yes
Google Chrome - most current major stable channel release only V103.* and above	Yes
Apple Safari	No

Remarks:

- ABSSolute support for 4K (3840 × 2160) resolution
- Supported screen resolutions are 1366 x 768 and higher
- 4K (3840 × 2160) resolution requires 150% display scale. Other font sizes or scales not supported
- ABSSolute clients are supported on x86/x64 CPU architecture only. ARM-based processors are not supported

ABSSolute Application and Report Server	Supported
Windows Server 2012 R2	No
Windows Server 2016	Yes
Windows Server 2019	Yes
Windows Server 2022	Yes
Red Hat Enterprise Linux 7/ Oracle Linux 7	No
Red Hat Enterprise Linux 8/ Oracle Linux 8	Yes

ABSSolute Web Applications	Supported
Windows Server 2012 R2	No
Windows Server 2016	Yes
Windows Server 2019	Yes
Windows Server 2022	Yes
Red Hat Enterprise Linux 7/ Oracle Linux 7	No
Red Hat Enterprise Linux 8/ Oracle Linux 8	Yes

Remarks:

- Supports 64 bit OS only

- ABSolute web applications and web services are deployed on Tomcat10.1 open source edition, commercial license can be gathered at ABS
- Web applications: AbsWebPortal, WebClientX, WebClientCleanroomPacking Instructions, WebClientReplace SmartBarcode, WebClientResidentialDelivery, WebClientRouteReturns, UhfMonitor

ABSolute Web Applications Supported browsers	Supported
Internet Explorer V11	No
Microsoft Edge – V103.* and higher major versions	Yes
Firefox - current major Extended Support Release (ESR) version V102.* and above	Yes
Google Chrome - most current major stable channel release only V103.* and above	Yes
Apple Safari	No

Remarks:

- Certification is done for Edge, Firefox & Chrome on Windows 10/11 against default browser settings
- Browsers on Apple devices are not certified, but can work at own risk
- Web apps must be allowed to use Java script and use pop ups in browser settings
- PDF reader must be installed to view the reports
- Responsive layout design is based on screen resolutions from 1024x768 and higher
- Web portal is designed for use on desktops, laptops and tablets, not for smart phones
- Web Clients: WebClientX, WebClientRouteReturns, WebClientResidentialDelivery, UHFMonitor, RepairRegistration
- WebClientX runs on desktops, tablets, not on smart phones and resolution is responsive
- WebClientRouteReturns and WebClientResidentialDelivery are built to run on touch screens

Oracle 19C Database (19.25.0.0.0) 64 bits only	Supported
Windows Server 2012 R2	No
Windows Server 2016	Yes
Windows Server 2019	Yes
Windows Server 2022	Yes
Red Hat Enterprise Linux 7/ Oracle Linux 7	No
Red Hat Enterprise Linux 8/ Oracle Linux 8	Yes

Remarks:

- Oracle 19C is the only supported version
- Build 19.13.0.0.0 or higher provides support for Windows Server 2022

ABSSolute Business Intelligence

Starting with 9.08.00 ABSSolute version, the new Oracle Analytics is introduced and recommended.

1.5 Oracle Analytics 2024/2025/2026

Oracle Analytics Suite EE or SE1 x64	Supported
Windows Server 2012 R2	No
Windows Server 2016	Yes*
Windows Server 2019	Yes
Windows Server 2022	Yes
Windows Server 2025	Yes
Redhat Enterprise Linux 8 & 9 or bin compatible	Yes
Oracle Linux 8 & 9	Yes

Remarks:

- * - Please check above exact dates when Microsoft will end support for this OS
- Supports 64 bit OS only

Oracle Analytics BI frontend - Supported browsers x64	Supported
Internet Explorer V11	No
Microsoft Edge – V103.* and higher major versions	Yes
Firefox - current major Extended Support Release (ESR) version V102.* and above	Yes
Google Chrome - most current major stable channel release only V103.* and above	Yes
Apple Safari V14.* and above	Yes

Laundry satellite Applications

Decoupled with REST services communication, built with SpringBoot/Angular, self-deployed.

Application	Current version	ABSSolute min.version	Framework & Version	User GUI interface	Deployment (automatic)
UHFConcentrator	3.3.0	9.08.00.RELEASE.p04 http + https	Java 21.0.7 / Zulu 21.38.21 Spring Boot 3.4.7	Web browser	Tomcat 10.1
Local Print Server	2.6.1	9.08.00.RELEASE.p13 http + https	Java 21.0.9 / Zulu 21.46.19 Spring Boot 4.0.1	Web browser	Tomcat 11
Peripheral Agent	1.5.0	9.10.00.RELEASE	Java 21.0.9 / Zulu 21.46.19 Spring Boot 4.0.1	Web browser	Tomcat 11

ABSSolute UHF Concentrator	OS 64bit
Windows 10	Yes*
Windows 11	Yes
Windows 2012 Server R2	No
Windows 2016 Server	Yes*
Windows 2019 Server	Yes
Windows 2022 Server	Yes

UHFConcentrator

UHFConcentrator	Min ABSolute Version	Max ABSolute Version	LLRP library/version used	Max Impinj Firmware supported	Supported
2.10	9.04.03	9.08.00.RELEASE	OctaneSDKJava-4.0.0.0-jar-with-dependencies	7.6.1.240	NO
2.11	9.04.03	9.08.00.RELEASE	OctaneSDKJava-4.0.0.0-jar-with-dependencies	7.6.1.240	YES
3.0.0	9.08.00.p01	-	OctaneSDKJava-4.0.0.0-jar-with-dependencies	7.6.1.240	NO
3.1.0	9.08.00.p04	-	OctaneSDKJava-4.0.0.0-jar-with-dependencies	7.6.1.240	NO
3.2.0	9.08.00.p04	-	OctaneSDKJava-4.0.0.0-jar-with-dependencies	7.6.1.240	NO
3.3.0	9.08.00.p04	-	OctaneSDKJava-4.0.0.0-jar-with-dependencies	7.6.1.240	YES

Remarks:

- Independent applications are installed locally in the laundries.
- * - Please check above exact dates when Microsoft will end support for this OS

ABSSolute LocalPrintServer	OS 64bit
Windows 10	Yes*
Windows 11	Yes
Windows 2012 Server R2	No
Windows 2016 Server	Yes*
Windows 2019 Server	Yes
Windows 2022 Server	Yes

Version	Min ABSolute Version	Max ABSolute Version	JRE version*	Supported
1.0	9.03.00	9.04.04	Azul Zulu 11.0.5+10 JRE	NO
1.01	9.05.00	9.05.02	Azul Zulu 11.0.5+10 JRE	NO
1.02	9.05.03	9.07.03	Azul Zulu 11.0.5+10 JRE	NO
1.03				
1.04				
1.05	9.05.03	9.07.03	Azul Zulu 11.0.5+10 JRE	Yes
2.0	9.07.04	9.07.04	Azul Zulu 11.0.5+10 JRE	No
2.1	9.08.00_RC1 http only	-	Azul Zulu 11.0.5+10 JRE	No
2.2	9.08.00.p13 http +https	-	Azul Zulu 11.0.5+10 JRE	No
2.3.0	9.08.00.p13 http +https	-	Azul Zulu 21	No
2.4.0	9.08.00.p13 http +https	-	Azul Zulu 21	No
2.5.0	9.08.00.p13 http +https	-	Azul Zulu 21	No
2.6.0	9.08.00.p13 http + https	-	Azul Zulu 21	No
2.6.1	9.08.00.p13 http + https	-	Azul Zulu 21	Yes

Remarks:

- Independent applications are installed locally in the laundries.
- * - Please check above exact dates when Microsoft will end support for this OS

ABSSolute Peripheral Agent	OS 64bit
Windows 10	Yes*
Windows 11	Yes
Windows 2012 Server R2	No
Windows 2016 Server	Yes*
Windows 2019 Server	Yes
Windows 2022 Server	Yes

Version	Min Infinity Version	Max Infinity Version	JRE Version	SpringBoot Version	jSerialComm Version	SerialDeviceComm Version	UHFReaderComm version	OctaneSDK Version	Min Impinj Firmware Version	Supported
1.0.0	10.6.0	10.6.0	Azul Zulu 17.0.8	3.0.1	2.11.0	1.0.0	1.0.0	OctaneSDKJava-4.0.0.0-jar-with-dependencies	7.6.1.240	No
1.1.0	10.7.0	10.7.3	Java 21	3.4.1	2.11.0	1.1.0	1.1.0	OctaneSDKJava-4.0.0.0-jar-with-dependencies	7.6.1.240	No
1.2.0	10.8.0	10.8.6	Java 21	3.4.1	2.11.0	N/A anymore - included in the PA repo	N/A anymore - included in the PA repo	OctaneSDKJavaWithDependencies:5.0.0.0		No
1.3.0	10.9.0	10.9.0	Java 21	3.4.7	2.11.0					No
1.4.0	10.10.0	10.10.0	Java 21.0.9 / Zulu 21.46.19	3.4.9	2.11.0					No
1.5.0	10.11.0	-	Java 21.0.9 / Zulu 21.46.19	4.0.1	2.11.0			OctaneSDKJavaWithDependencies:5.0.0.0	7.6.1.240	Yes

Remarks:

- Independent applications are installed locally in the laundries.
- * - Please check above exact dates when Microsoft will end support for this OS

ABSSolute PDA Applications

Android app requirements

Minimum requirements for apps (recommended)									
	Linen Assistant Android	Route Assistant Android	Garment Assistant Android	Packing Assistant Android	Bulk Packing Assistant Android	Truck Load Assistant Android	SI Tag Android	Item Dispense	Exchange Cart Assistant
Android OS, min.	5	5	5	5	5	5	6	4.1	11
Android OS, max	-	-	-	-	-	-	-	-	-
Display size	4"	4"	4"	4"	4"	-	-	-	-
Resolution	160 dpi (240 dpi)								
Orientation	Portrait			Landscape		Portrait, Landscape	Portrait	Portrait	Portrait, Landscape
CPU	1 GHz								
CPU with RFID Multi Read	?	?	?	?	?	?	?	?	?
Memory	1 GB (2 GB)								
Local storage	?	?	?	?	?	?	?	?	?
Wi-Fi	(Recommended)								
Cellular 3G/4G/5G	✓ (Improves usage options)	✓ (Improves usage options)	✓ (Improves usage options)	⚠ (Optional, but Wi-Fi recommended)	⚠ (Optional, but Wi-Fi recommended)	✓ (Improves usage options)	✓ (Improves usage options)	✓ (Improves usage options)	⚠ (Optional, but Wi-Fi recommended)
Typical data transferred for 1 day per device	?	?	?	?	?	?	?	?	?
Bluetooth	(for external RFID device)								
GPS	✗	✓ (Optional)	✗	✗	✗	✗	✗	✗	✗
Camera	✗	✓ (Optional)	✗	✗	✗	✓ (Optional)	✗	✓ (Optional)	✓
NFC	✗	✗	✗	✗	✗	✗	✗	✗	✗
Multitouch	✗	✓ (for images)	✗	✗	✗	✗	✗	✗	✗

Trusted brands/devices:

- Tablets and phones from Samsung (Galaxy Tab, Samsung A series and Galaxy S series)
- Caterpillar phones
- Internally we are testing with Samsung A9, A51, S9, S10, S20, S22, S23

StarActive (<https://www.sfrcaraibe.fr/mtq/produit/staractive/>) phone NOT compatible with TSL scanner!

RFID UHF readers

Supplier	Model	Linen Assistant Android	Route Assistant Android	Garment Assistant Android	Packing Assistant Android	Bulk Packing Assistant Android	SI Tag Android	Truck Load Assistant	Item Dispense	Exchange Cart Assistant
TSL	1128	✓	✓	✓	✗	✗	✓	✓	✓	✗
TSL	1153	✓	✓	?	✗	✗	✓	✗	✓	✗
TSL	1166	✓	✓	?	✗	✗	✓	✓	✓	✗
Embisphere	EmbiVentry (Obsolete)	✓	✗	✗	✗	✗	✗	✗	✗	✗
AXEM	Orca-50 (Obsolete)	✓	✗	✗	✗	✗	✗	✗	✗	✗
AXEM	MBA-5 (Obsolete)	✓	✗	✗	✗	✗	✗	✗	✗	✗
AXEM	MBS (new 2021)	✗	✗	✗	✗	✗	✗	✗	✗	✗
Tertium	BlueBerry HS UHF	✗	✗	✗	✗	✗	✓	✗	✗	✗

Supported printers

Supplier	Model	Linen Assistant Android	Route Assistant Android	Garment Assistant Android	Bulk Packing Assistant Android	SI Tag Android	Truck Load Assistant	Item Dispense	Exchange Cart Assistant
ABS	LPS	✗	✗	✗	✗	✗	✓	✗	✗
Zebra	Bluetooth ZEBRA ZQ320 Plus	✗	✗	✗	✗	✗	✗	✗	✓
Zebra	Zebra printer QLX220	✗	✗	✗	✗	✗	✗	✓	✗

Linen Assistant Android

Version	Minimum Required ABSolute Release (ABSWS4MobileApps)	Max Allowed ABSolute Release ("-" means ABSolute latest - no maximum version) (ABSWS4MobileApps)	Minimum Required ABSolute Release (ABSMobileRestServices)	Max Allowed ABSolute Release ("-" means ABSolute latest - no maximum version) (ABSMobileRestServices)	Supported
1.x	8.03.12.b	not applicable	not applicable	not applicable	N
2.x	8.03.12.g	not applicable	not applicable	not applicable	N
3.x	8.03.12.o	9.00.07.a	not applicable	not applicable	N
4.x	9.00.00.c	9.02.02.a	not applicable	not applicable	N
5.x	9.01.01.a	9.02.02.a	not applicable	not applicable	N
6.x	9.01.00.a.p49 (available only for patches 49+) 9.01.03.a 9.02.03.a.p02 (available only for patches 02+)	9.01.00.a last patch 9.02.02.a last patch 9.08.00.RELEASE	not applicable	not applicable	Y
7.00	9.02.03	9.02.03.p01	not applicable	not applicable	N
7.x	9.02.03.p02	9.08.00.RELEASE	not applicable	not applicable	Y
8.01 - 8.03	9.02.03.p02	9.08.00.RELEASE	not applicable	not applicable	Y
8.04+	9.02.03.p02	9.08.00.RELEASE	9.06.00	-	Y

Remarks:

Linen Assistant Android supports UHF/RFID and 2D barcode scanners from Technology Solution (all models should work - TSL 1128, TSL 1153, TSL 1166) and any Bluetooth device capable to read TAGS and emulate keyboard (HID profile).

Models:

1. **TSL**
 - a. TSL-1128 - <https://www.tsl.com/products/1128-bluetooth-handheld-uhf-rfid-reader/>
 - b. TSL-1153 - <https://www.tsl.com/products/1153-bluetooth-wearable-uhf-rfid-reader/>
 - c. TSL-1166 - <https://www.tsl.com/products/1166-bluetooth-rugged-uhf-rfid-reader/>
2. **ORCA-50** - <https://www.axemtec.com/en/product/ap-05-uhf/>
3. **MBA-5** - <https://www.axemtec.com/en/product/mba5/>
4. **embiVentory** - <http://www.embisphere.com/en/rfid-products/embiinventory-power>

Web service: ABSWS4MobileApps (**OBSOLETE starting with 9.08.02**)

NOTE!!! Linen Assistant cannot be upgraded from version 7 to version 8. Version 8.x was created for Google Play Store and will be installed as a separate application.

ABSMobileRestServices: can be used starting with version 8.04+ of Linen Assistant Android and is based on REST architecture. (Versions 8.04+ can be used either with ABSWS4MobileApps or with ABSMobileRestServices). Minimum ABSolute server version 9.06.00
Starting ABSolute 9.09.00, ABSMobileRestServices webservice is replaced by ABS Mobile Gateway, a springboot separate application with same functionality.

Garment Assistant Android

Version	Minimum Required ABSolute Release (ABSWS4MobileApps)	Max Allowed ABSolute Release ("*" means ABSolute latest - no maximum version) (ABSWS4MobileApps)	Minimum Required ABSolute Release (ABSMobileRestServices)	Max Allowed ABSolute Release ("*" means ABSolute latest - no maximum version) (ABSMobileRestServices)	Supported
1.x	8.03.12.g	9.02.00.a	not applicable	not applicable	N
1.04	9.01.02	9.02.00.a	not applicable	not applicable	N
2.xx	9.02.01.a	9.08.00.RELEASE	not applicable	not applicable	Y
3.00	9.02.01.a	9.08.00.RELEASE	not applicable	not applicable	Y
3.01+	9.02.01.a	9.08.00.RELEASE	9.06.00	-	Y

Web service: ABSWS4MobileApps: can be used with all versions of Garment Assistant Android and is based on SOAP architecture.

(**OBSOLETE starting with 9.08.02**)

ABSMobileRestServices: can be used starting with version 3.01+ of Garment Assistant Android and is based on REST architecture. (Versions 3.01+ can be used either with ABSWS4MobileApps or with ABSMobileRestServices). Minimum ABSolute server version 9.06.00
Starting ABSolute 9.09.00, ABSMobileRestServices webservice is replaced by ABS Mobile Gateway, a springboot separate application with same functionality.

Route Assistant Android

Version	Minimum Required ABSolute Release (ABSWS4MobileApps)	Max Allowed ABSolute Release ("*" means ABSolute latest - no maximum version) (ABSWS4MobileApps)	Minimum Required ABSolute Release (ABSMobileRestServices)	Max Allowed ABSolute Release ("*" means ABSolute latest - no maximum version) (ABSMobileRestServices)	Supported
1.x	8.03.12.g	not applicable	not applicable	not applicable	N
2.x	8.03.12.o	not applicable	not applicable	not applicable	N
3.x	8.03.12.o	not applicable	not applicable	not applicable	N
4.x	9.00.00.a	not applicable	not applicable	not applicable	N
5.x	9.00.00.b	9.01.04.a	not applicable	not applicable	N
6.x	9.00.03.a	9.01.04.a	not applicable	not applicable	N
7.x	9.00.07.a	9.01.04.a	not applicable	not applicable	N
8.00 & 8.01	9.01.01.a	9.01.04.a	not applicable	not applicable	N
9.x	9.02.00.a 9.03.03.p15 9.03.04.p20	9.03.02 9.03.03 last patch -	not applicable	not applicable	Y
10.00 - 10.25	9.03.03	9.08.00.RELEASE	not applicable	not applicable	Y
10.26+	9.03.03	9.08.00.RELEASE	9.05.00.RELEASE_p07_UNF 9.05.01	9.05.00.RELEASE_UNF (last patch) -	Y
11.x	9.03.03	9.08.00.RELEASE	not applicable	not applicable	Y
12.00 - 12.03	9.03.03	9.08.00.RELEASE	not applicable	not applicable	Y
12.04+	9.03.03	9.08.00.RELEASE	9.05.01	-	Y
13.00+	9.03.03	9.08.00.RELEASE	9.05.01	-	Y

Remarks:

- **Route Assistant Android** supports UHF/RFID scanners from Technology Solution (all models should work - TSL 1128, TSL 1153, TSL 1166) and any Bluetooth device capable to read TAGS and emulate keyboard (HID profile). Models: <https://www.tsl.com/products/1128-bluetooth-handheld-uhf-rfid-reader>

Web service: ABSWS4MobileApps: can be used with all versions of Route Assistant Android and is based on SOAP architecture. (**OBSOLETE starting with 9.08.02**)

ABSMobileRestServices: can be used starting with version 12.04+ of Route Assistant Android and is based on REST architecture. (Versions 12.04+ can be used either with ABSWS4MobileApps or with ABSMobileRestServices). Minimum ABSolute server version 9.06.00 Starting ABSolute 9.09.00, ABSMobileRestServices webservice is replaced by ABS Mobile Gateway, a springboot separate application with same functionality.

SI Tag Android

Version	Minimum Required ABSolute Release (ABSWS4MobileApps)	Max Allowed ABSolute Release ("-" means ABSolute latest - no maximum version) (ABSWS4MobileApps)	Minimum Required ABSolute Release (ABSMobileRestServices)	Max Allowed ABSolute Release ("-" means ABSolute latest - no maximum version) (ABSMobileRestServices)	Supported
1.00 - 1.07	8.03.12.1 (initial solution delivered in customized patch 8.03.12.p.p37)	9.08.00.RELEASE	not applicable	not applicable	Y
1.08+	8.03.12.1 (initial solution delivered in customized patch 8.03.12.p.p37)	9.08.00.RELEASE	9.06.00	-	Y

Web service: ABSWS4MobileApps: can be used with all versions of SI Tag Android and is based on SOAP architecture. **(OBSOLETE starting with 9.08.02)**

ABSMobileRestServices: can be used starting with version 1.08+ of SI Tag Android and is based on REST architecture. (Versions 1.08+ can be used either with ABSWS4MobileApps or with ABSMobileRestServices). Minimum ABSolute server version 9.06.00 Starting ABSolute 9.09.00, ABSMobileRestServices webservice is replaced by ABS Mobile Gateway, a springboot separate application with same functionality.

Item Dispense Android

Version	Minimum Required ABSolute Release (ABSWS4MobileApps)	Max Allowed ABSolute Release ("-" means ABSolute latest - no maximum version) (ABSWS4MobileApps)	Minimum Required ABSolute Release (ABSMobileRestServices)	Max Allowed ABSolute Release ("-" means ABSolute latest - no maximum version) (ABSMobileRestServices)	Supported
1.00 - 1.13	9.01.00	9.08.00.RELEASE	not applicable	not applicable	Y
1.14+	9.01.00	9.08.00.RELEASE	9.06.00	-	Y

Web service: ABSWS4MobileApps: can be used with all versions of Item Dispense Android and is based on SOAP architecture. **(OBSOLETE starting with 9.08.02)**

ABSMobileRestServices: can be used starting with version 1.14+ of Item Dispense Android and is based on REST architecture. (Versions 1.14+ can be used either with ABSWS4MobileApps or with ABSMobileRestServices). Minimum ABSolute server version 9.06.00 Starting ABSolute 9.09.00, ABSMobileRestServices webservice is replaced by ABS Mobile Gateway, a springboot separate application with same functionality.

Packing Assistant Android

Version	Minimum Required ABSolute Release (ABSWS4MobileApps)	Max Allowed ABSolute Release ("-" means ABSolute latest - no maximum version) (ABSWS4MobileApps)	Minimum Required ABSolute Release (ABSMobileRestServices)	Max Allowed ABSolute Release ("-" means ABSolute latest - no maximum version) (ABSMobileRestServices)	Supported
1.00 - 1.03	9.02.02.a	9.08.00.RELEASE	not applicable	not applicable	Y
1.04+	9.02.02.a	9.08.00.RELEASE	9.06.00	-	Y

Web service: ABSWS4MobileApps: can be used with all versions of Packing Assistant Android and is based on SOAP architecture. **(OBSOLETE starting with 9.08.02)**

ABSMobileRestServices: can be used starting with version 1.04+ of Packing Assistant Android and is based on REST architecture. (Versions 1.04+ can be used either with ABSWS4MobileApps or with ABSMobileRestServices). Minimum ABSolute server version 9.06.00 Starting ABSolute 9.09.00, ABSMobileRestServices webservice is replaced by ABS Mobile Gateway, a springboot separate application with same functionality.

Bulk Packing Assistant Android

Version	Minimum Required ABSolute Release (ABSRestServices)	Max Allowed ABSolute Release ("-" means ABSolute latest - no maximum version) (ABSRestServices)	Minimum Required ABSolute Release (ABSMobileRestServices)	Max Allowed ABSolute Release ("-" means ABSolute latest - no maximum version) (ABSMobileRestServices)	Supported
1.00 - 1.05	9.03.02.release	9.08.00.RELEASE	not applicable	not applicable	Y
1.06+	9.03.02.release	9.08.00.RELEASE	9.06.00	-	Y
2.00+	-	9.08.00.RELEASE	9.06.00	-	Y

Webservices: ABSRestServices: can be used with all versions of Bulk Packing Assistant Android and is based on REST architecture.
 ABSMobileRestServices: can be used starting with version 1.06+ of Bulk Packing Assistant Android and is based on REST architecture.
 (Versions 1.06+ can be used either with ABSRestServices or with ABSMobileRestServices). Minimum ABSSolute server version 9.06.00
 Starting ABSSolute 9.09.00, ABSMobileRestServices webservice is replaced by ABS Mobile Gateway, a springboot separate application with same functionality.

Truck Load Assistant Android

Version	Minimum Required ABSSolute Release (ABSRestServices)	Max Allowed ABSSolute Release ("*" means ABSSolute latest - no maximum version) (ABSRestServices)	Minimum Required ABSSolute Release (ABSMobileRestServices)	Max Allowed ABSSolute Release ("*" means ABSSolute latest - no maximum version) (ABSMobileRestServices)	Supported
1.00 - 1.02	9.03.03.release	9.08.00.RELEASE	not applicable	not applicable	Y
1.03+	9.03.03.release	9.08.00.RELEASE	9.06.00	9.07.04	Y
2.00+	-	9.08.00.RELEASE	9.08.00	-	Y

Webservices: ABSRestServices: can be used with all versions of Truck Load Assistant Android and is based on REST architecture.
 ABSMobileRestServices: can be used starting with version 1.03+ of Truck Load Assistant Android and is based on REST architecture.
 (Versions 1.03+ can be used either with ABSRestServices or with ABSMobileRestServices). Minimum ABSSolute server version 9.06.00
 Starting ABSSolute 9.09.00, ABSMobileRestServices webservice is replaced by ABS Mobile Gateway, a springboot separate application with same functionality.

Exchange Cart Assistant Android

Version	Minimum Required ABSSolute Release (ABSMobileRestServices)	Max Allowed ABSSolute Release ("*" means ABSSolute latest - no maximum version) (ABSMobileRestServices)	Supported	Supported printers	Supported scanners
1.xx	9.07.02	-	Y	Bluetooth ZEBRA ZQ320 Plus	-

Webservices: ABSMobileRestServices: is based on REST architecture. Minimum ABSSolute server version 9.07.02
 Starting ABSSolute 9.09.00, ABSMobileRestServices webservice is replaced by ABS Mobile Gateway, a springboot separate application with same functionality.

ABSSolute external Applications

ABS external applications with REST communication, built with SpringBoot/Angular.
 These applications are installed together with the backend, in datacenter/cloud.

Application	Current version	ABSSolute/Oracle min.version	Framework & Version
Mobile Gateway	1.2.0	9.09.00.RELEASE http + https	Java 21.0.9 / Zulu 21.46.19 Spring Boot 4.0.1
Message Agent	1.2.0	9.10.00.RELEASE http + https	Java 21.0.9 / Zulu 21.46.19 Spring Boot 3.4.7
API Gateway	2.4.0	9.10.00.RELEASE http + https	Java 21.0.9 / Zulu 21.46.19 Spring Boot 4.0.1
ConnSolace	1.4.0	Oracle 19c	Java 21.0.9 / Zulu 21.46.19 Spring Boot 3.5.5

ABS Mobile Gateway

Version	Min ABSSolute Version	Max ABSSolute Version	JRE version	SpringBoot	Supported
1.0.0	9.09.00.RELEASE	-	Java 21 / Zulu 21	3.4.0	N
1.1.0	9.09.00.RELEASE	-	Java 21 / Zulu 21	4.0.1	Y

ABS Message Agent

Version	Min ABSolute Version	Max ABSolute Version	JRE version*	SpringBoot	Supported
1.0.0	9.09.02.RELEASE.p01	-	Java 21 / Zulu 21	3.4.	N
1.1.0	9.09.03	-	Java 21 / Zulu 21	3.4.7	Y

ABS API Gateway

Version	Min ABSolute Version	Max ABSolute Version	JRE version	SpringBoot	Supported
1.0	9.07.00.RELEASE	9.07.04.RELEASE			
2.0	9.08.00.RC1	9.08.00.RC1	Azul Zulu 17.0.8	2.7.6	N
2.1.0	9.08.00.RELEASE.p07	9.08.01.RELEASE	Azul Zulu 17.0.8	2.7.6	Y
2.2.0	9.08.02.RELEASE	9.09.03.RELEASE	Azul Zulu 17.0.8	2.7.6	N
2.3.0	9.08.02.RELEASE	9.09.03.RELEASE	Azul Zulu 21.0.9	4.0.1	Y
2.4.0	9.10.00.RELEASE		Azul Zulu 21.0.9	4.0.1	Y

ABS ConnSolace

Version	Min Oracle Version	JRE version	SpringBoot	Supported
1.0.0	Oracle 19	Azul Zulu 21	3.4.1	N
1.1.0	Oracle 19	Azul Zulu 21	3.4.1	N
1.1.1	Oracle 19	Azul Zulu 21	3.4.1	N
1.2.0	Oracle 19	Azul Zulu 21	3.4.1	N
1.2.1	Oracle 19	Azul Zulu 21	3.4.1	N
1.2.2	Oracle 19	Azul Zulu 21	3.4.1	N
1.3.0	Oracle 19	Azul Zulu 21	3.4.9	N
1.4.0	Oracle 19	Azul Zulu 21	3.5.5	Y

ABSSolute optional Applications

ABSSolute Spark Labelprinting v 2.20.60 – InnoInstaller (certified)	Supported
Windows 10	Yes*
Windows 11	Yes
Windows 2012 Server R2	No
Windows 2016 Server	Yes*
Windows 2019 Server	Yes
Windows 2022 Server	Yes
Windows 2025 Server	No

- English only

ABSSolute Spark Labelprinting v 2.20.67 – Native installer	Supported
Windows 10	Yes*
Windows 11	Yes
Windows 2012 Server R2	No
Windows 2016 Server	Yes*

Windows 2019 Server	Yes
Windows 2022 Server	No
Windows 2025 Server	No

- NL / DE / US language

Remarks:

- These applications are installed locally in the laundries.
- * - Please check above exact dates when Microsoft will end support for this OS

ABSSolute Server virtualization & Cloud

Supported Virtualization Products:

All the above operating systems are also certified when running as virtual guest on a hypervisor as long as the operating system is supported by that hypervisor. When virtualization becomes in scope, please consult ABS for specific requirements.

Commonly used hypervisors are:

- VMware
- Microsoft Hyper-V
- Oracle VM

Oracle license restriction for Virtualization & Cloud:

Oracle products are difficult to license for other vendor virtualization products than Oracle VM. To overcome this, ABS delivers oracle licenses without virtualization limitations. Please contact ABS to validate if the right licenses are in place for starting with Cloud hosting or server virtualization.