

Technical Bulletin

Digital Health Platform

Product Compatibility Matrix

LAB01420

Description

The Product Compatibility Matrix outlines the software / hardware compatible with Digital Health Platform (DHP) which consists of Smart Device Connectivity (SDC). This document is intended to be referenced in relation to the 1.2.300 release of Smart Device Connectivity.

Product Affected

This bulletin outlines the critical software / hardware that are compatible with Smart Device Connectivity:

- Patient Risk Surveillance
- Voalte Family
- Lightning Bolt

Issue Details

The product compatibility matrices contained in this bulletin define the critical software/hardware components that are compatible with Smart Device Connectivity 1.2.300 and Patient Risk Surveillance 1.0.300. All products/versions not listed in the matrices will require validation and an update to this Technical bulletin. Please refer to the Info Center / Help Center for your release or LAB01424/LAB01436 for further details

Device to Host Compatibility

Feature	Release Status	Date / Time Sync			Patient ID Query			Vitals Record Push			Clinician ID Query			Clinician Authentication			Custom Modifiers & Parameters			Custom Scores			NRS			Remote Service			Alarms via ACM to AM			Patient List Query		
		1.0	1.1	1.2	1.0	1.1	1.2	1.0	1.1	1.2	1.0	1.1	1.2	1.0	1.1	1.2	1.0	1.1	1.2	1.0	1.1	1.2	1.0	1.1	1.2	1.0	1.1	1.2	1.0	1.1	1.2			
Zenith Version																																		
CVSM 1.71.0x	Released	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP							WACP	WACP	WACP	WACP	WACP	WACP	Y	Y	Y	WACP	WACP	WACP						
CVSM 2.10.0x	Released	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP							WACP	WACP	WACP	WACP	WACP	WACP	Y	Y	Y	WACP	WACP	WACP						
CVSM 2.20.0x	Released	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP							WACP	WACP	WACP	WACP	WACP	WACP	Y	Y	Y	WACP	WACP	WACP						
CVSM 2.30.0x	Released	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP							WACP	WACP	WACP	WACP	WACP	WACP	Y	Y	Y	WACP	WACP	WACP						
CVSM 2.40.0x	Released	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP							WACP	WACP	WACP	WACP	WACP	WACP	Y	Y	Y	WACP	WACP	WACP						
CVSM 2.41.00	Released	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP							WACP	WACP	WACP	WACP	WACP	WACP	Y	Y	Y	WACP	WACP	WACP						
CVSM 2.42.00	Released	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP							WACP	WACP	WACP	WACP	WACP	WACP	Y	Y	Y	WACP	WACP	WACP						
CVSM 2.43.00	Released	WACP	NTP	NTP	WACP	HL7	HL7	WACP	HL7	HL7				AD	AD		WACP	HL7	HL7	WACP	HL7	HL7	Y	Y	Y	WACP	WACP	WACP						
CSM 1.1x.00	Released	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP							WACP	WACP	WACP	WACP	WACP	WACP	Y	Y	Y	WACP	WACP	WACP						
CSM 1.2x.00	Released	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP	WACP							WACP	WACP	WACP	WACP	WACP	WACP	Y	Y	Y	WACP	WACP	WACP						
CSM 1.3x.xx	Released	NTP	NTP	NTP	WACP	WACP	WACP	WACP	WACP	WACP				AD	AD	AD	WACP	WACP	WACP	WACP	WACP	WACP	Y	Y	Y	WACP	WACP	WACP						
CSM 1.4x.00	Released	NTP	NTP	NTP	WACP	WACP	WACP	WACP	WACP	WACP				AD	AD	AD	WACP	WACP	WACP	WACP	WACP	WACP	Y	Y	Y	WACP	WACP	WACP						
CSM 1.5x.00	Released	NTP	NTP	NTP	WACP	HL7	HL7	WACP	HL7	HL7				AD	AD	AD	WACP	HL7	HL7	WACP	HL7	HL7	Y	Y	Y	WACP	WACP	WACP						



NOTE: "-": Not Supported

WACP: WACP only protocol available to NCE in cloud

HL7: HL7 direct from device to EG in cloud

NTP: Using NTP to do date/time synchronization to the customer's NTP server

Date/Time Sync: When using WACP, devices must be in the same time zone rules (DST Start, DST End and DST Offset <not time one offset>) as the server they connect.

Browser Compatibility

The Enterprise Configuration Portal shall be compatible with the following browsers:

- Chrome Version 76 or higher
- Microsoft Internet Explorer Version 11 or higher
- Microsoft Edge Browser Version 84 or higher (excluding the dashboard)

Server Software Compatibility

The following matrix outlines the operating systems and SQL server versions compatible with DHP server components:

DHP Version	Database Server
1.0	Azure SQL Database (PaaS 14.0 Compatibility)



NOTE: SQL Server 2014 must be configured in SQL Server 2014 compatibility mode; SQL Server 2016 must be configured in SQL Server 2016 compatibility mode.

3rd Party Integrations

Digital Health Platform can be integrated to work with various 3rd party systems. The following matrixes outlines the 3rd party systems that are compatible with DHP 1.1, 1.2 and CV 1.0.

Product	Compatible Versions	Data to EMR (data received by GW from the device will flow to EMR)	Clinical Interface (Interfaces consuming patient observation data collected through Digital Health)	External Hillrom Application

			Gateway for its intended use)	
Connex Spot Monitor (CSM)	>= 1.52	Y	N	N
Connex Vital Signs Monitor (CVSM)	>= 2.43	Y	N	N
Connex CS/CSAS	>= 1.8.4	Y	N	N
EarlySense (Integrated with bed)	03.13.030 or above	Y (alerts only)	N	N
Centrella Bed (with or without integrated EarlySense)	wired <ul style="list-style-type: none"> Version 1.30 or later wireless <ul style="list-style-type: none"> Version 1.35.000 or later 	Y (bed data/alerts and EarlySense alerts only)	N	N
Accella Bed (wireless)	Bed <ul style="list-style-type: none"> >= CS900B41xx with an HRP (serial number) > HRP004026834 HIB 2.x or later and ICB 2.x or later WAM <ul style="list-style-type: none"> >= 1.05.000 	Y	N	N
Allscripts	Versions via standard HL7 interface	N/A	N	N
Epic	Versions via standard HL7 interface	N/A	N	N
Meditech	Versions via standard HL7 interface	N/A	N	N
NaviCare (including Nurse Call and Status Board)	3.9.600 and above	N/A	Y	N
Voalte Server	3.6.3, 3.7.10 and above	N/A	Y	N
Patient Risk Surveillance (PRS)	1.0.300 or above	N/A	Y	N
Symedical	2.2.7.10 or above	N/A	N	N
Virtual Care Solution	1.0	N/A	Y	Y

Voalte Family Messaging (a.k.a. Ohana)	1.0	N/A	N	Y
Lightning Bolt	Versions via web API	N/A	Y	Y

COPYRIGHT © HILL-ROM SERVICES, INC., 20XX. All rights reserved. No part of this text shall be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information or retrieval system without written permission from HILL-ROM SERVICES, INC. (Hill-Rom). VersaCare, TotalCare, NaviCare, COMlinx, SideCom and Hill-Rom are trademarks or registered trademarks of Hill-Rom Services, Inc. Windows is a registered trademark of Microsoft Corporation. All other products or brand names are trademarks or registered trademarks of their respective companies.

The information contained in this guide is subject to change without notice. The only product warranty intended by Hill-Rom is the express, written warranty accompanying the bill of sale to the original purchaser. Hill-Rom makes no other warranty, express or implied, and in particular, makes no warranty of merchantability or fitness for any particular purpose. Additional hard copies of this guide can be obtained from Hill-Rom by addressing your request to: Hill-Rom Technical Support Department Telephone: (800) 445-3720.