

Question or Item	Answer
Did you verify that you are using the most recent version of this form?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date	2024-01-31
Individual creating the CSB	Matthew Bell
Customer	All
Product(s) affected:	<b>Welch Allyn Configuration Tool</b>
Hardware Version(s) affected:	All
Software Version(s):	All versions
Serial Number(s):	All
Lot or Date Code Affected:	N/A
Subject:	Configuration Tool 1.9.4 Release Notes

Issue details

The Configuration Tool is updating to software version 1.9.4

**Definitions:**

Acronym	Description/ Definition
APM	Accessory Power Management
BLE	Bluetooth Low Energy
BR/EDR	Bluetooth Basic Rate/Enhanced Data Rate
CSM	Connex Spot Monitor
CVC	Connex Vitals Core. Renamed to CSM.
NIBP	Non-Invasive Blood Pressure
NCE	Network Connectivity Engine Software
PCA	Printed Circuit Assembly
PDM	Product Data Management
APM PIC	A PIC16F1518 that manages the APM's rechargeable battery, its work light, the battery life indicator LED string, the printer print head power, and the CVC accelerometer
CVC PIC	A PIC16F1518 that manages the CVC's rechargeable battery (if one is installed), the front panel LEDs, and the connection with the APM processor (if required)
HIS_ID	Hospital Information System
IP	Internet Protocol
VID	Vendor ID
OKC	Opportunistic Key Caching
NEWS2 SCAL2	National Early Warning Score Scale 2
PID	Product ID
PHI	Personal Health Information
PKI	Public Key Infrastructure
RRp	Masimo Respiration Rate from the Pleth. Respiration rate is measured based on changes in the plethysmographic waveform.
SCRM	SmartCare Remote Management
SDK	Welch Allyn Connectivity SDK Development
SpO2	Oxygen Saturation Percentage of oxygenated hemoglobin in the blood
SRS	Software Requirements Specification
SW	Software
SWF	Software File
TFS	Team Foundation Server
TLS	a widely adopted security protocol designed to facilitate privacy and data security for communications over the Internet
UI	User Interface
WA	Welch Allyn
WACP	Welch Allyn Communication Protocol
WAST	Welch Allyn Service Tool
WEP	WEP (Wired Equivalent Privacy) is the oldest and most common Wi-Fi security protocol. It was the privacy component established in the IEEE 802.11, a set of technical standards that aimed to provide a wireless local area network (WLAN) with a comparable level of security to a wired local area network (LAN).
WPA	The WPA protocol implements the Temporal Key Integrity Protocol (TKIP). WEP used a 64-bit or 128-bit encryption key
WPA2	WPA2 (Wi-Fi Protected Access 2) is the second generation of the Wi-Fi Protected Access wireless security protocol. Like its predecessor, WPA2 was designed to secure and protect Wi-Fi networks.

## Solution/Action:

The Welch Allyn Configuration Tool has been updated to version 1.9.4, which includes the following Software and Security Enhancements:

- Corrected Weak security questions.
- Corrected ability to Change passwords without notifying the user.
- Corrected Inadequate account lockout protocols.
- Prevented User account harvesting from insecure password reset methods.
- Corrected Cross-site scripting (XSS).
- Corrected insecure HTTP header configuration, specifically the X-Frame-Options header not being set.
- Corrected Password field with autocomplete enabled.
- Corrected Lack of timely idle session timeout.
- Added configurable option to protect PHI data when low priority alarm occurs in lock screen.
- Added Configuration options encrypting data to service monitor.
- Added IP address and port settings when selecting Host IP for network connectivity method.
- Added Client authentication enable/disable options.
- Removed configuration option for ConfirmBLEPairing.
- Required Admin Access Code to be changed by the user prior to saving a configuration.
- Removed WEP, WPA, and Open from the set of wireless authentication/encryption options.
- Corrected problem that when Server authentication and client authentication should not be set-able when data encryption is disabled.
- Removed the configuration option to disable/enable advanced settings password.

### Update Instructions

No action is required by the user. The Configuration Tool can be accessed at:

<https://config.welchallyn.com/configurator/common/authenticate.action>

### **Reference Documents:**

20017704A – TSB-Configuration Tool 1.9.4 Release

80027311B Reference Guide - Welch Allyn Configuration Tool 1.9.4

### END OF BULLETIN

Version	Sec, Pg, Para Changed	Change Made	Date Version Created	Version Created By (initials)
A	N/A	Initial Release	2024-01-31	MDB