



Hillrom™

ENHANCING HEALTHCARE CYBERSECURITY



PROTECTING PATIENTS MEANS PROTECTING DATA

As healthcare continues to evolve, more and more healthcare providers are relying on connected care solutions to help caregivers accelerate patient recovery, enable earlier diagnosis and treatment, optimize surgical efficiency and safety, simplify clinical communication and collaboration and shift care closer to home.

Consequently, medical devices transmitting Protected Health Information (PHI) to local networks and Electronic Medical Record (EMR) systems can become conduits for cyberattacks. This risk to healthcare networks—and your patients—calls for enhanced security. That's why a number of Hillrom is submitting our devices and solutions to include secure features approved by the Department of Defense (DoD) cybersecurity framework.

The goal? It's simple. We're advancing connected care in a safer way to help you. We believe that with the DoD's risk-mitigating program, we can advance our connected care solutions in a safer manner.



Protect healthcare networks while securely transmitting and storing PHI.



Enhance patient safety and satisfaction.



Improve clinical communication and workflow through connected care.



U.S. GOVERNMENT PRIORITIZING CYBERSECURITY

The U.S. Department of Veterans Affairs (VA) and the Defense Health Agency (DHA) are charged with administering the healthcare of our veterans, service members, and their families. Protecting government healthcare networks and PHI is vital to national security. To address this, the DHA has implemented new, mandatory directives that all medical devices with connectivity functionality must comply with to protect against compromising patient data, ensuring device integrity and mitigating risks to hospital networks.

Likewise, cybersecurity concerns among non-government healthcare providers are just as prevalent and need to be addressed similarly.

RISK MANAGEMENT FRAMEWORK (RMF)

RMF is a security process jointly developed by the National Institute of Standards and Technology (NIST) and the DoD.

It is a framework of cybersecurity policies designed to identify, assess, and rate the risks associated with a medical device collecting, storing, and transmitting PHI through government IT networks.

RMF is a continuous process, but upon successful completion of certification steps, the device is accredited by the DHA with an Authority to Operate (ATO).

FEDERAL INFORMATION PROCESSING STANDARD (FIPS)

Federal Information Processing Standard 140-2 (FIPS PUB 140-2) is a national standard for data security developed by NIST, that validates the security and encryption of medical devices capable of transmitting data wirelessly.

HILLROM'S ATO-ACCREDITED SOLUTIONS HELP YOU PROTECT WHAT MATTERS

Smart Beds

Connected care makes smart bed data visible, useful and actionable to impact patient falls, patient satisfaction and caregiver efficiency. This is accomplished with bi-directional integration with EMR and real-time bed data status board and integration with patient safety applications to automate fall prevention protocols, bed exit alarms and bed status alerts that simplify caregiver workflow.



Centrella® Smart+ Bed

Welch Allyn® Connex® Vital Signs Monitors

Easy-to-use solutions for comprehensive vital signs measurement and bedside documentation with cybersecurity features that help protect patient privacy, data integrity and your network. Clinician authentication—including single sign-on integration with Imprivata®—for quick, secure login. Protect PHI with screen lock time-outs and the ability to auto-delete patient data after transfer to the EMR. Network communications are protected through server authentication and encrypted data transfer with FIPS 140-2 Level 1 Validation.



Welch Allyn® Connex® Spot Monitor

Voalte® Nurse Call

A differentiated solution with proven results for helping increase patient satisfaction, patient safety and caregiver efficiency. Status Board is a real-time electronic nurse call whiteboard allowing caregivers to conduct informed rounding, identify patients in a potentially unsafe state and address patient needs in a timely manner. It offers Enterprise Reporting with data transparency to provide care more efficiently, increase accountability to protocols and understand the ROI for their investment.



NaviCare® Nurse Call

Welch Allyn® Diagnostic Cardiology Solutions

The ELI 380 Resting ECG and Q-Stress® Cardiac Stress Testing System include features that meet strict security requirements from the DoD so you can take advantage of connected workflows that help improve patient care and information access. The ELI 380 ECG helps streamline workflow with an intuitive user interface and barcode scanning to eliminate steps and reduce manual entry errors. Enhanced security features on our cardiology devices help protect the information that matters most with FIPS 140-2 compliant wireless radio,* data encryption, a connection to the data management system of your choice through standards-based protocols like HL7® or DICOM® and user access controls through LDAP or Active Directory.

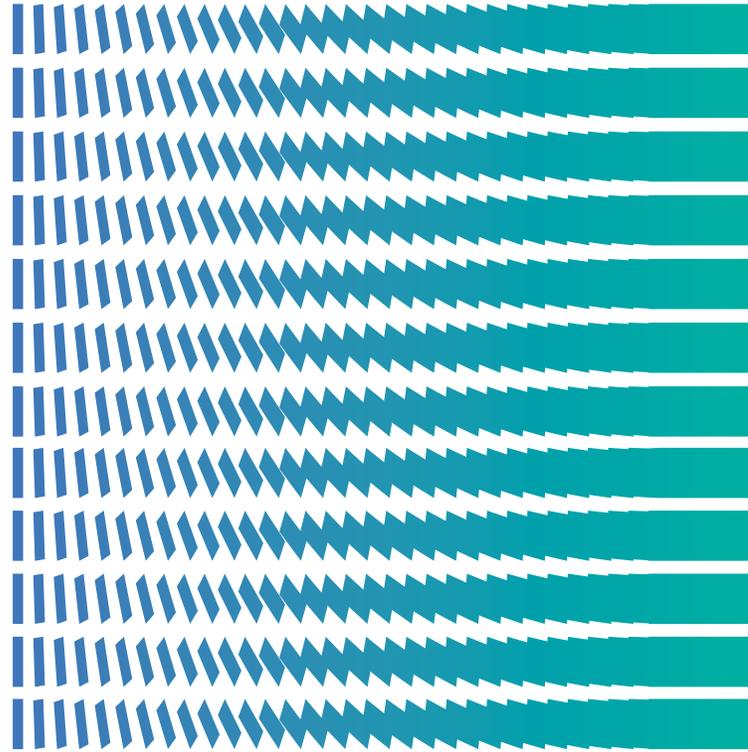


Welch Allyn® ELI®
380 Resting ECG



Hillrom™

The cybersecurity challenges you're facing are real—and the stakes have never been higher. Let's work together to protect your patients and your networks. Start today at hillrom.com.



ABOUT HILLROM

Hillrom is a global medical technology leader whose 10,000 employees have a single purpose: enhancing outcomes for patients and their caregivers by advancing connected care. Around the world, our innovations touch over 7 million patients each day. They help enable earlier diagnosis and treatment, optimize surgical efficiency and accelerate patient recovery while simplifying clinical communication and shifting care closer to home. We make these outcomes possible through connected smart beds, patient lifts, patient assessment and monitoring technologies, caregiver collaboration tools, respiratory care devices, advanced operating room equipment and more, delivering actionable, real-time insights at the point of care. Learn more at hillrom.com.

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* Available on the ELI 380 ECG only.

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