STERIS

Security Advisory For Spring4Shell
(CVE-2022-22965)

Initial Publication Date: April 27, 2022
Date Revised: May 17, 2022

SUMMARY

STERIS is aware of the recently announced critical vulnerability Spring4Shell (CVE-2022-22965). According to information posted on the supplier's (Spring) website, the vulnerability impacts Spring MVC and Spring WebFlux applications running on JDK 9.0 or later. The specific exploit requires the application to be packaged and deployed as a traditional WAR on a Servlet container. If the application is deployed as a Spring Boot executable jar, i.e., the default, it is not vulnerable to the exploit. However, the nature of the vulnerability is more general, and there may be other ways to exploit it.

For a more detailed description of this vulnerability, it is recommended that Customers review the information provided by Spring and CISA.

RESPONSE

To date, STERIS has assessed the list of STERIS products below. We have determined that these products do not contain the vulnerable component and are, therefore, not impacted by the critical vulnerability reported in CVE-2022-22965. Because this vulnerability only impacts Java-based products using the Spring Framework the following STERIS products are not vulnerable.

Additionally, as of the writing of this advisory, there are no known reported incidents involving STERIS products or solutions.

Cantel IPT Products/Product Lines
- ISA™ Automated Endoscope Reprocessor
- ADVANTAGE PLUS™ Endoscope Reprocessing System
- ADVANTAGE PLUS™ Pass-Thru Automated Endoscope Reprocessor
- ENDODRY™ Storage & Drying System
- DSD EDGE™ Automated Endoscope Reprocessor
- RAPIDAER™ Automated Endoscope Reprocessor
- ENDORA™ Endoscope Tracking System
- ConnectoHIS
- SCOPE BUDDY™ PLUS Flushing Aid
- SCOPE BUDDY™ Flushing Aid
- DSD 201LT Automated Endoscope Reprocessor
- CER OPTIMA™ Automated Endoscope Reprocessor
- Innova™ E4s CMS Automated Endoscope Reprocessor
- Innova™ E3s CMS Automated Endoscope Reprocessor
- Innova™ E3s Automated Endoscope Reprocessor
- EDC Endoscope Drying Cabinet
- ESC Endoscope Storage Cabinet
- CSC™ Chemical Storage Cabinet
- endoSTORE™ Storage & Drying System
- SureStore™ Storage and Endoscope Transport System
- CANEXIS™ Endoscopy Solution
- CANEXIS™ Integrated Workflow Solution
- CANEXIS™ Sterilisation Solution

STERIS • 5960 Heisley Road • Mentor, OH 44060-1834 • USA • 440-354-2600   Version 3

- CANEXIS™ Surgical Solution

STERIS IPT Product Lines
- Universal Connectivity Board
- CS-iQ® Sterile Processing Workflow Management Software
- ConnectAssure Technology
- SPM® Surgical Asset Tracking Software

Washer/Disinfectors
- AMSCO® 2000 SERIES WASHER DISINFECTORS
- AMSCO® 3000 SERIES WASHER DISINFECTORS
- AMSCO® 5000 SERIES WASHER DISINFECTORS
- AMSCO® 7000 SERIES WASHER DISINFECTORS
- RELIANCE® 444 WASHER DISINFECTOR
- RELIANCE® SYNERGY WASHER DISINFECTOR
- RELIANCE® VISION 1300 SERIES CART AND UTENSIL WASHER DISINFECTORS
- RELIANCE® VISION MULTI- CHAMBER WASHER DISINFECTOR
- RELIANCE® VISION SINGLE CHAMBER WASHER DISINFECTOR

Steam Sterilizers:
- AMSCO® 400 MEDIUM STEAM STERILIZER
- AMSCO® 400 SMALL STEAM STERILIZERS
- AMSCO® 600 MEDIUM STEAM STERILIZER
- AMSCO® CENTURY® MEDIUM STEAM STERILIZER
- AMSCO® CENTURY® SMALL STEAM STERILIZER
- AMSCO® EAGLE® 3000 SERIES STAGE 3 STEAM STERILIZERS
- AMSCO® EVOLUTION® FLOOR LOADER STEAM STERILIZER
- AMSCO® EVOLUTION® MEDIUM STEAM STERILIZER

Sterility Assurance Incubators:
- CELERITY™ HP INCUBATOR
- CELERITY™ STEAM INCUBATOR
- VERIFY™ INCUBATOR FOR ASSERT™ SELF-CONTAINED BIOLOGICAL INDICATORS

Liquid Chemical Sterilant Processing System:
- SYSTEM 1® endo LIQUID CHEMICAL STERILANT PROCESSING SYSTEM

Low Temperature Sterilization Systems:
- V-PRO® 1 LOW TEMPERATURE STERILIZATION SYSTEM
- V-PRO® 1 PLUS LOW TEMPERATURE STERILIZATION SYSTEM
- V-PRO® MAX 2 LOW TEMPERATURE STERILIZATION SYSTEM
- V-PRO® MAX LOW TEMPERATURE STERILIZATION SYSTEM
- V-PRO® S2 LOW TEMPERATURE STERILIZATION SYSTEM

OR Integration Product Lines
- IDSS Integration System
- Harmony® iQ Integration System
- Harmony® iQ Perspectives Image Management System

- HexaVue™ Integration System
- HV1000 Integration Systems
- Vividimage 27 4K
- Vividimage 31 4K
- Vividimage 27 HD
- Vividimage W
- Clarity Software Standalone Nurse Core View
- HexaVue™ Connect Software Standalone RoomVue
- HexaVue™ Connect Software
- Clarity Software

STERIS PeriOperative® Product Lines
- ReadyTracker
- RealView® Visual Workflow Management System
- Situation Awareness for Everyone® Display (S.A.F.E.)

STERIS Surgical Solutions Product Lines
- HarmonyAIR® A-Series Surgical Lighting System
- HarmonyAIR® E-Series Surgical Lighting System
- HarmonyAIR® G-Series Surgical Lighting System
- HarmonyAIR® M-Series Surgical Lighting System
- Harmony® LED Surgical Lighting and Visualization System
- Harmony® vLED Surgical Lighting System
- 3085 table series
- 5085 Harmony Surgical Table
- STERIS® 4085 General Surgical Table
- STERIS® 4095 General Surgical Table
- STERIS® 5085 General Surgical Table
- STERIS® 5085 SRT Surgical Table
- STERIS® 5095 General Surgical Table
- STERIS® OT 1000 Series Orthopedic Surgical Table
- SurgiGraphic® 1027 Image Guided Surgical Table
- SurgiGraphic® 6000 Image Guided Surgical Table
- STERIS Patient Warming System

STERIS remains committed to continuously making security enhancements to our systems to protect our Customers and products. We will continue to assess and monitor the situation. Should we determine that any of our products or solutions are impacted, we will update our security advisory accordingly.
If you have questions regarding this notice, please contact your local IT Administrator or your STERIS representative.

Additional Links
- https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2022-22965
- https://tanzu.vmware.com/security/cve-2022-22965
  https://github.com/NCSC-NL/spring4shell
- https://www.zdnet.com/article/spring4shell-flaw-heres-why-it-matters-and-what-you-should-do-about-it/