

Medical Devices Sector Surveillance & Biometrics Executive Department

## قطاع الأجهزة والمنتجات الطبية الإدارة التنفيذية للرقابة والقياسات الحيوية

## **Safety Communication**

رسالة سلامة

## **Risk of Cybersecurity Vulnerabilities**

| <b>Device/ Product</b>      | Agilia Connect Infusion Systems  |  |  |
|-----------------------------|--|--|--|
| Description:                | Agina Connect Infusion Systems   |  |  |
| Affected product:           | <ul> <li>Agilia Connect WiFi module of the pumps D25 and below</li> <li>Agilia Link+ 3.0 D15 and below</li> <li>Vigilant Software Suite 1.0: Vigilant Centerium, Vigilant MasterMed and Vigilant Insight</li> <li>Agilia Partner maintenance software 3.3.0 and below</li> </ul>   |  |  |
| Manufacturer:               | Fresenius Kabi Ltd   |  |  |
| Problem:                    | <ul> <li>Uncontrolled Resource Consumption.</li> <li>Use of a Broken or Risky Cryptographic Algorithm.</li> <li>Insufficiently Protected Credentials.</li> <li>Improper Access Control.</li> <li>Plaintext Storage of a Password.</li> <li>Files or Directories Accessible to External Parties.</li> <li>Exposure of Information Through Directory Listing.</li> <li>Cross-site Scripting.</li> <li>Injection.</li> <li>Use of Hard-coded Credentials.</li> <li>Use of Client-side Authentication.</li> <li>Use of Unmaintained Third-party Components.</li> </ul> |  |  |
| Recommendation<br>/Actions: | <ul> <li>Fresenius Kabi has created the following new versions to address the above vulnerabilities:</li> <li>Link+ v3.0 (D16 or later)</li> </ul>   |  |  |



|                              | <ul> <li>VSS v1.0.3 (or later)</li> <li>Agilia Connect Pumps Wi-Fi Module (D29 or later)</li> <li>Agilia Connect Partner v3.3.2 (or later)</li> <li>Users should take defensive measures to minimize the risk of exploitation of this vulnerability. Specifically, users should:</li> <li>Minimize network exposure for all control system devices and/or systems, and ensure that they are not accessible from the Internet.</li> <li>Locate control system networks and remote devices behind firewalls, and isolate them from the business network.</li> <li>When remote access is required, use secure methods, such as Virtual Private Networks (VPNs), recognizing VPNs may have vulnerabilities and should be updated to the most current version available. Also recognize VPN is only as secure as its connected devices.</li> <li>For more information, please click here and here.</li> <li>If you think you had a problem with your device or a device your patient uses, please report the problem to SFDA through: NCMDR</li> </ul> |  |
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