

Bonaduz, March 9, 2023

## Product Security Advisory – PSA-2023-01

### 1. Introduction

During our regular vulnerability monitoring procedures, we became aware of issues with the “c\_rehash” Perl script from the OpenSSL library. The vulnerabilities are referred to as CVE-2022-1292 and CVE-2022-2068.

### 2. Affected Products

None of the Hamilton devices with the latest SW versions are affected by this vulnerability. The Hamilton-C1 and Hamilton-T1 ventilators with Hamilton Connect Module (HCM) (Part-No.: 1610010; 1610060; 1610090) and HCM software version 1.0.400 and older have the “c\_rehash” script and the Perl execution environment installed. All other Hamilton Medical devices do not have the “c\_rehash” Perl script installed.

### 3. Vulnerability Description

For a detailed description of the identified vulnerabilities, refer to CVE-2022-1292 and CVE-2022-2068, published online at:

<https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2022-1292>

<https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2022-2068>

### 4. Impact

According to our analysis, the vulnerability cannot be exploited on affected products, as the user can neither upload arbitrary files nor access the command line. Therefore, the vulnerabilities CVE-2022-1292 and CVE-2022-2068 have **no** impact on Hamilton Medical’s mechanical ventilators, respiratory humidifiers, cuff controllers, or medical accessories and consumables.

### 5. Mitigation

Hamilton Medical recommends installing the Hamilton Connect Module software version 1.3.100 or later. In general, Hamilton Medical recommends:

- Always install the latest Hamilton Connect Module software
- Prevent physical access to devices by unauthorized personnel
- Pay attention to notifications, alarms, and alerts
- Use only software from official Hamilton Medical channels and have it installed by an authorized technician

## 6. Contact Information

For further questions regarding the impact or mitigation of the vulnerabilities, contact your local sales or service manager. Alternatively, you can directly contact Hamilton Medical at:

[product-security.med.global@hamilton-medical.com](mailto:product-security.med.global@hamilton-medical.com)

### Revisions

Revision	Publication date	Updates
1.0	2023-03-09	Initial version

### Released by

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