

## **SSA-180579: Privilege Management Vulnerability in APOGEE/TALON Field Panels**

Publication Date: 2022-12-13  
Last Update: 2022-12-13  
Current Version: V1.0  
CVSS v3.1 Base Score: 8.8

### **SUMMARY**

A privilege management vulnerability in the APOGEE PXC and TALON TC series of products could allow low privilege authenticated attackers to gain high privilege access.

Siemens has released updates for the affected products and recommends to update to the latest versions.

### **AFFECTED PRODUCTS AND SOLUTION**

<b>Affected Product and Versions</b>	<b>Remediation</b>
APOGEE PXC Series (BACnet): All versions < V3.5.5	Update to V3.5.5 or later version <a href="https://partnerportal.extranet.dc.siemens.com/">https://partnerportal.extranet.dc.siemens.com/</a>
APOGEE PXC Series (P2 Ethernet): All versions < V2.8.20	Update to V2.8.20 or later version <a href="https://partnerportal.extranet.dc.siemens.com/">https://partnerportal.extranet.dc.siemens.com/</a>
TALON TC Series (BACnet): All versions < V3.5.5	Update to V3.5.5 or later version <a href="https://partnerportal.extranet.dc.siemens.com/">https://partnerportal.extranet.dc.siemens.com/</a>

### **WORKAROUNDS AND MITIGATIONS**

Product-specific remediations or mitigations can be found in the section [Affected Products and Solution](#). Please follow the [General Security Recommendations](#).

### **GENERAL SECURITY RECOMMENDATIONS**

As a general security measure Siemens strongly recommends to protect network access to affected products with appropriate mechanisms. It is advised to follow recommended security practices in order to run the devices in a protected IT environment.

### **PRODUCT DESCRIPTION**

The APOGEE PXC Modular and Compact Series are high-performance Direct Digital Control (DDC) devices and an integral part of the APOGEE Automation System.

The TALON TC Modular and Compact Series are high-performance Direct Digital Control (DDC) devices and an integral part of the TALON Automation System.

## **VULNERABILITY CLASSIFICATION**

The vulnerability classification has been performed by using the CVSS scoring system in version 3.1 (CVSS v3.1) (<https://www.first.org/cvss/>). The CVSS environmental score is specific to the customer's environment and will impact the overall CVSS score. The environmental score should therefore be individually defined by the customer to accomplish final scoring.

An additional classification has been performed using the CWE classification, a community-developed list of common software security weaknesses. This serves as a common language and as a baseline for weakness identification, mitigation, and prevention efforts. A detailed list of CWE classes can be found at: <https://cwe.mitre.org/>.

### **Vulnerability CVE-2022-45937**

A low privilege authenticated attacker with network access to the integrated web server could download sensitive information from the device containing user account credentials.

CVSS v3.1 Base Score	8.8
CVSS Vector	<a href="#">CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H/E:P/RL:O/RC:C</a>
CWE	CWE-284: Improper Access Control

## **ACKNOWLEDGMENTS**

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- Abhishek Ramchandran for reporting the vulnerability

## **ADDITIONAL INFORMATION**

For further inquiries on security vulnerabilities in Siemens products and solutions, please contact the Siemens ProductCERT:

<https://www.siemens.com/cert/advisories>

## **HISTORY DATA**

V1.0 (2022-12-13): Publication Date

## **TERMS OF USE**

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