Recommended Update for Aero Customers using Woodward MicroNet Plus 5200 CPU

Overview

In cooperation with Woodward, GE Gas Power conducted a security assessment on legacy versions of the MicroNet Plus 5200 CPU that resulted in the discovery of security issues. From discussions with Woodward, it has been determined that these issues have been addressed in newer versions of the MicroNet Plus CPUs. To reduce the risk of a security event on these devices, Woodward and GE strongly recommend upgrading your system to a modern MicroNet Plus CPU.

Affected Products and Versions

The Woodward MicroNet Plus 5200 CPU is a controller that is used by some of GE Gas Power's aeroderivative customers. The following table lists the affected MicroNet Plus 5200 CPU part numbers and the recommended replacement parts:

5200 CPU Part Number	Description	Recommended P1020 CPU Part Number
5466-1035	CPU 5200, MicroNet Plus	5466-1511
5466-1045	5200 Cyber Ready CPU	5466-1511
5466-1141	5200 Secure Applications	5466-1521
5466-1245	5200 Enhanced Performance	5466-1511

Remediation/Mitigation

If your system is running one of the affected CPU part numbers, Woodward and GE recommend upgrading to the MicroNet Plus P1020 CPU part number shown above. In addition to resolving the discovered security issues, the Woodward MicroNet Plus P1020 CPU features several cybersecurity enhancements, including encrypted communications, user levels with secure password authentication, and improved communication robustness. Additionally, the P1020 CPU is Achilles ACC certified, has undergone security testing, and is actively supported, meaning it will continue to receive product updates.

Contact Information

For more information about upgrading or ordering replacement CPUs, please contact your Woodward or GE sales representative.

Document History

Version	Release Date	Purpose
1.0	3/23/2023	Initial Release