August 29th, 2019

To: Emerson PACSystems® RSTi-EP CPE100/CPE115 Customers

REF: PACSystems® RSTi-EP CPE100 / CPE115 Release v9.85 Addresses "Urgent/11" Vulnerabilities

As a part of our ongoing commitment to continually improve product security, functionality, and quality for our customers, Emerson is pleased to announce the availability of a new firmware upgrade kit for PACSystems RSTi-EP CPE100 and CPE115 CPUs. Release 9.85 is now available on new units shipping from our factory or available for immediate download from our customer support site for existing units. Once applied, this release provides necessary product updates to eliminate potential vulnerabilities affecting the Wind River® VxWorks operating system, collectively known as "URGENT/11," used in PACSystems® RSTi-EP CPUs. Links to product landing pages with firmware upgrade kits and CPU upgrade instructions are at the bottom of this message.

Details of URGENT/11vulnerabilities are available from US-CERT in the ICS-CERT Advisory ICSA-19-211-01. Additional details are available from Wind River's Security Advisory.

Additionally, release 9.85 adds several important new features as well as addressing several open customer issues. A brief summary of these additional updates and new features includes:

- Adds support for C Block execution, including an updated C-Toolkit, release 8.10, with compiler definitions and extensions for both CPE100 and CPE115 CPUs.

- Adds support for Serial IO protocol use on both of the embedded RS-232 and RS-485 serial ports.

- Resolution of several customer-reported issues resulting in a CPU STOP-HALT condition as well as improved user documentation to speed recovery of a CPU if it encounters a STOP-HALT condition.

Firmware upgrade kits, detailed information on the new product features, as well as product issues addressed in this release can be found in the RSTi-EP CPE100 / CPE115 Important Product Information Guide, GFK-3013, from the CPE100 / CPE115 Product Landing Pages within our Customer Support website at the links provided below.

https://digitalsupport.ge.com/en_US/Article/EPSCPE100-Landing-Page
https://digitalsupport.ge.com/en_US/Article/EPSCPE115-Landing-Page

At Emerson, we are committed to developing secure and reliable products. In light of the URGENT/11 disclosure, we recommend our RSTi-EP CPU customers install release 9.85 at your earliest convenience to address these vulnerabilities.

Note that additional product updates are currently in development and will be announced in a product bulletin (M-08-19-03) targeted for early September.

Yours Sincerely,

Vibhoosh Gupta
Portfolio Product Manager
Emerson Automation Solutions