

# Schneider Electric Security Notification

## Security Notification – FoxView HMI SCADA

19 December 2018

### Overview

Schneider Electric has become aware of a vulnerability in the FoxView HMI SCADA product.

### Affected Product(s)

All Foxboro DCS, Foxboro Evo, and IA Series versions prior to Foxboro DCS Control Core Services 9.4 (CCS 9.4) and FoxView 10.5.

### Vulnerability Details

CVE ID: CVE-2018-7793

8.7 | (High) | AV:L/AC:L/PR:L/UI:N/S:C/C:H/I:H/A:L

A Credential Management vulnerability exists which could cause unauthorized disclosure, modification, or disruption in service when the password is modified without permission.

### Remediation

A fix for this vulnerability is available by contacting your service representative and arranging for a system upgrade to Foxboro DCS Control Core Services 9.4 (CCS 9.4) and Foxview 10.5 or higher. Please note: Part of the solution requires Microsoft Active Directory to be implemented.

Schneider Electric recognizes that not all customers will adopt Active Directory and the improvements in security that come with its use. In those cases, we have improved the login credentials used to the Windows machine, removing the legacy fixed Windows machine credentials, and allowing users to create accounts and appropriate passwords to better restrict access to the FoxView HMI SCADA application.

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### General Security Recommendations

We strongly recommend following industry cybersecurity best practices such as:

- Locate control and safety system networks and remote devices behind firewalls, and isolate them from the business network.
- Physical controls should be in place so that no unauthorized person would have access to the ICS and safety controllers, peripheral equipment or the ICS and safety networks.
- All controllers should reside in locked cabinets.
- All methods of mobile data exchange with the isolated network such as CDs, USB drives, etc. should be scanned before use in the terminals or any node connected to these networks.
- Laptops that have connected to any other network besides the intended network should never be allowed to connect to the safety or control networks without proper sanitation.
- Minimize network exposure for all control system devices and/or systems, and ensure that they are not accessible from the Internet.
- When remote access is required, use secure methods, such as Virtual Private Networks (VPNs), recognizing that VPNs may have vulnerabilities and should be updated to the most current version available. Also recognize that VPN is only as secure as the connected devices.

### Acknowledgements

Schneider Electric would like to recognize the following researcher(s) for all their efforts related to identification and coordination of this vulnerability:

CVE	Researcher(s) Name
CVE-2018-7793	Ilya Karpov, POSITIVE TECHNOLOGIES

### For More Information

This document is intended to help provide an overview of the identified situation and actions required to mitigate it. To obtain full details on the issues and assistance on how to protect your installation, please contact your local Schneider Electric representative. These organizations will be fully aware of the situation and can support you through the process.

For further information related to cybersecurity in Schneider Electric's products, please visit the company's cybersecurity web page:

<http://www2.schneider-electric.com/sites/corporate/en/support/cybersecurity/cybersecurity.page>

## Schneider Electric Security Notification

If you require additional support, Schneider Electric Industrial Cybersecurity Services team are available to help. Please visit: <https://www.schneider-electric.com/en/work/services/field-services/industrial-automation/industrial-cybersecurity/industrial-cybersecurity.jsp>

### Legal Disclaimer

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With global presence in over 100 countries, Schneider is the undisputable leader in Power Management – Medium Voltage, Low Voltage and Secure Power, and in Automation Systems. We provide integrated efficiency solutions, combining energy, automation and software.

In our global Ecosystem, we collaborate with the largest Partner, Integrator and Developer Community on our Open Platform to deliver real-time control and operational efficiency.

We believe that great people and partners make Schneider a great company and that our commitment to Innovation, Diversity and Sustainability ensures that Life Is On everywhere, for everyone and at every moment.

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### Revision Control:

<b>Version 1</b> 19 Dec 2018	Original Release
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