



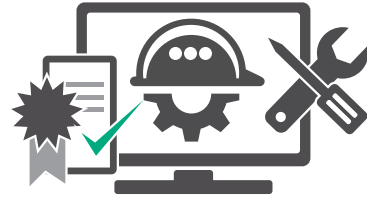
ISASecure® SSA Certification – IEC 62443



Functional Security
Assessment for Systems
and Embedded Devices



Security Development
Lifecycle Assurance



System Robustness
Testing

Certified Cybersecurity

The first top-to-bottom control system to be certified ISASecure SSA Level 1 and IEC 62443 compliant.

DeltaV™ v14 will have the ISASecure System Security Assurance certification based on a reference architecture that includes DeltaV, DeltaV SIS and AMS. Level 1 certification is comprised of security development lifecycle assurance to make sure our design and code practices meet the IEC62443 standards, and the functional security assessment to verify that the DeltaV security features and functions meet the minimum requirements for Level 1 certification. DeltaV system devices are tested to make sure they can withstand attacks as per the guidelines of the ISASecure SSA certification.

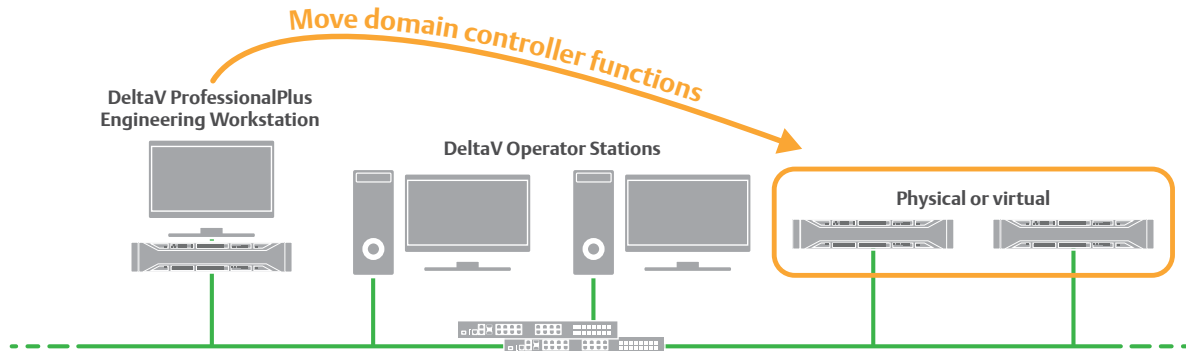
A Top Priority in Every Release

Cybersecurity is part of every release of DeltaV and it is not different in v14. DeltaV v14 gets full support to Microsoft Credential Guard and Device Guard which prevent credential theft and workstation compromise based on O/S built-in features.



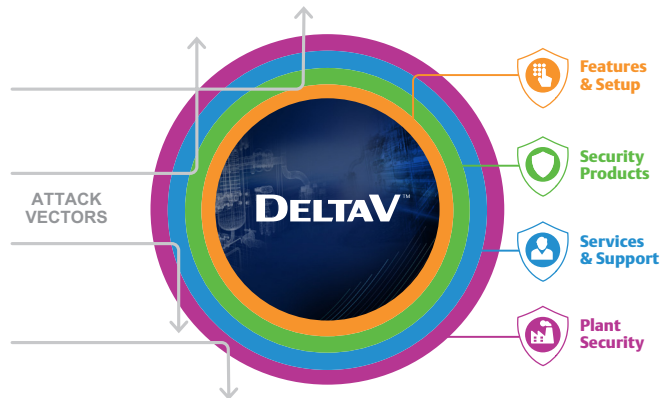
Enhanced Domain Controller Protections...And Functions

The DeltaV Domain Controller can operate out of the ProfessionalPlus workstation. The ProfessionalPlus can be used to perform process control functions and the concerns of exposing the Domain Controller to other areas of the plant. At the same time, the Domain Controllers can be isolated and protected against cyber-attacks in a simpler format.



Defense-in-Depth

Cybersecurity is not just about the product features. And, it is not a set it and forget it type of thing. Emerson follows the defense-in-depth strategy to design, implement and maintain DeltaV systems. The defense-in-depth strategy is an ISA/IEC 62443 standard and based on a layered approach that relies on multiple levels of protection to reduce the system attack surface hence diminishing the chances of an attack being successful.



Emerson
North America, Latin America:
 ☎ +1 800 833 8314 or
 ☎ +1 512 832 3774

Asia Pacific:
 ☎ +65 6777 8211

Europe, Middle East:
 ☎ +41 41 768 6111

🌐 www.emerson.com/deltav

©2018, Emerson. All rights reserved.

The Emerson logo is a trademark and service mark of Emerson Electric Co. The DeltaV logo is a mark of one of the Emerson family of companies. All other marks are the property of their respective owners.

The contents of this publication are presented for informational purposes only, and while diligent efforts were made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. All sales are governed by our terms and conditions, which are available on request. We reserve the right to modify or improve the designs or specifications of our products at any time without notice.