

new certification

niagara edge 10

Now Eligible for Federal Risk Management Framework Accreditation

Niagara Edge™ 10 is eligible for accreditation under the federal Risk Management Framework (RMF). RMF is the unified information security framework for federal government departments and agencies. Tridium has recently completed a suite of RMF artifacts for the Niagara Edge 10 to be used for pending type authorization under RMF. These artifacts are available to Niagara Community partners seeking U.S. Government site authorizations, saving cost and time. They complement the RMF artifacts already available for Niagara Framework® and the JACE® 8000.

WHAT THIS MEANS FOR YOU

RMF is an integral part of the implementation of FISMA, the Federal Information Security Management Act, and is based on publications of the National Institute of Standards and Technology (NIST) and the Committee on National Security Systems (CNSS). When you bid on future projects related to federal facilities, you may be asked to provide documentation that your solution will meet the RMF guidelines.

EDGE 10 PRODUCT FEATURES

Tridium's Niagara Edge 10 is an IP-based field equipment controller powered by the Niagara Framework®. Niagara Edge 10 controllers drive applications such as zone temperature control, and the operation of fan coil units, single-stage air handling units, water-source heat pumps and more. Niagara Edge 10 controllers run the full Niagara stack, with 10 points of on-board IO and IO-R-34 expansion capability. Niagara Edge 10 licensing supports three devices and 50 total points to harness the full power of Niagara at the edge.

NIAGARA 4 SECURITY FEATURES

Niagara Edge 10 requires version 4.7 or later of Niagara Framework® and thus incorporates all Niagara 4 security features including: strong authentication, role-based authorization, encryption of sensitive information at rest, encrypted communications, digitally signed and validated code, the ability to customize user account management based on organizational security policies, and a "security by default" approach, which means that configurations default to the strongest security policies. For more information on Niagara Framework, visit Tridium.com.



powered by

niagara
framework®

frequently asked questions

WHAT IS RMF?

Risk Management Framework (RMF) is the unified information security framework for the entire federal government that is replacing the legacy Certification and Accreditation (C&A) processes within federal government departments and agencies, the Department of Defense (DoD) and the Intelligence Community (IC).

IS NIAGARA EDGE™ 10 RMF COMPLIANT?

Yes. Tridium contracted the services of a very experienced RMF services firm to assess security control compliance and prepare the full suite of RMF artifacts for the Niagara Edge 10, Niagara 4 and the JACE 8000®. The systems currently await Government third-party test and assessment in support of type authorization as a follow-on to the rigorous RMF test and assessment which was already performed.

ARE NIAGARA 4 AND JACE 8000® ACCREDITED?

Prior versions of Niagara and JACE have been accredited. There are currently no known control systems of any kind that have achieved full type authorization (AKA type accreditation) under RMF, but we have completed a suite of RMF artifacts for Niagara 4 and JACE 8000® to be used for pending type

authorization under RMF. These artifacts are available for use in dramatically reducing the cost and schedule for site authorizations.

IF IT IS NOT TYPE AUTHORIZED (ACCREDITED), WHAT IS THE VALUE OF THE RMF WORK THAT HAS BEEN PERFORMED?

There are two key benefits to the RMF work that has been performed on Niagara 4 and Niagara Edge 10: 1) A suite of RMF artifacts have been completed and are ready to reduce the cost and shorten the schedule of site accreditations for DoD posts, camps, and stations around the world, and 2) the systems have undergone the same rigor of testing of a type-authorized system and have been found to be of low residual risk. Though Tridium is currently seeking an opportunity for type authorization, even if type authorization currently existed, it would not significantly further reduce the workload needed for individual site authorizations overall.

HOW DOES MY CUSTOMER/MY LOCATION OBTAIN THE SUITE OF RMF ARTIFACTS?

Tridium will deliver them directly to the customer site via a secure transfer system that requires that the end user have a common access card (CAC).

FOR DETAILS ON HOW TO GET RMF-COMPLIANT NIAGARA ARTIFACTS, CONTACT MICHAEL DENNEHY AT TRIDIUM (MICHAEL.DENNEHY@TRIDIUM.COM). FOR ALL OTHER INFORMATION, CONTACT YOUR TRIDIUM ACCOUNT MANAGER.



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