

powered by

niagara  
framework®

take on the  
Industrial IoT with the  
**power**  
of three

*Introducing a technologically complete digital  
transformation solution for discrete automation*

TRIDIUM



# take operational efficiency even further with Tridium, Dell and Intel

The number of Internet of Things (IoT) devices installed worldwide is getting ready to explode — forecasts are 31 billion by 2020 and 75.4 billion by 2025. For low-volume, high-mix manufacturers, making headway in this interconnected world begins with making sense of the massive amounts of data coming from discrete devices.

**Our breakthrough solution makes that possible.**

The Dell Edge Gateway 3000 Series with dual-core Intel Atom® processors leverages the power of Tridium's open Niagara Framework® to connect systems, analyze and activate data, increase efficiency and improve outcomes. The Dell Edge Gateway 3000 Series is made tough to withstand the harsh environment of a plant floor. But it's smart, too — using Niagara to collect, normalize and send only the most meaningful data to controllers or the cloud, and reduce expensive bandwidth. Add actionable analytics and automated remediation, and you've got a solution that can take plant efficiency to the edge and back.

This cutting-edge, scalable technology solution also allows you to access the expertise of Tridium's industrial solution advisors, who will work with you to customize your configuration and hone your edge in the IIoT.



## INTRODUCING THE FIRST NIAGARA-BASED DIGITAL TRANSFORMATION SOLUTION FOR PLANT FLOOR APPLICATIONS

Niagara now runs on the Dell Edge Gateway 3000 Series with Intel® silicon, unlocking edge data and making it easier to access, interpret and activate.

### ENTERPRISE/CLOUD



Niagara Supervisor



### CONTROLLER



Dell Edge Gateway 3000 Series  
with Niagara embedded



### EDGE DEVICES



From the plant floor to data analytics and everything in between



## INCREASE PLANT FLOOR EFFICIENCIES

- Reduce scrap
- Increase throughput
- Increase plant floor automation
- Improve traceability
- Manage recipes
- Deliver goods at reduced cost



## IMPROVE DATA COLLECTION, ANALYSIS AND REMEDIATION

- Improve data accuracy with digitized forms
- Reduce data entry and labor
- Identify anomalies with real-time edge analytics
- Enable real-time remediation with closed-loop control
- Stream to cloud for predictive analytics



## ACHIEVE BETTER OUTCOMES

- Identify unseen areas for optimization
- Remove guesswork from problem solving
- Leverage the expertise of industrial consultants

Ready to put the power of Tridium's Niagara-based IIoT solution — with Dell and Intel technology — to work in your plant? Contact your sales rep today to get started.



[tridium.com](https://tridium.com)

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