

GE Current Two Years Into Niagara

What we did:

Niagara-Edge TO GE -Cloud

What are doing:

*Niagara-Edge AND GE-Edge TO
GE-Cloud using NEL to co-exist.*

What are we ready to do?

*GE-Edge-WAC to provide
enterprise ZigBee lighting in
Niagara:*

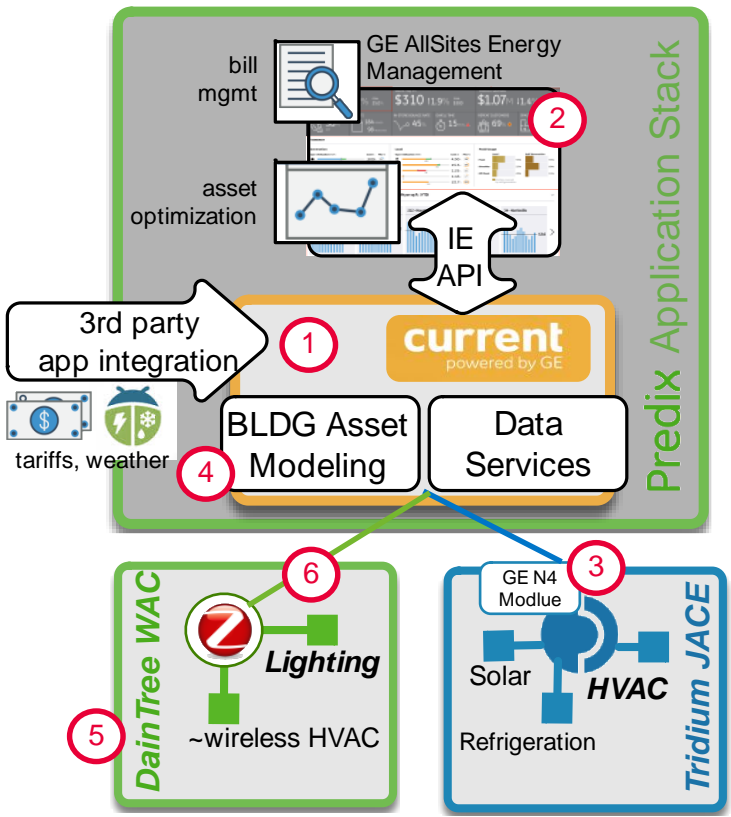


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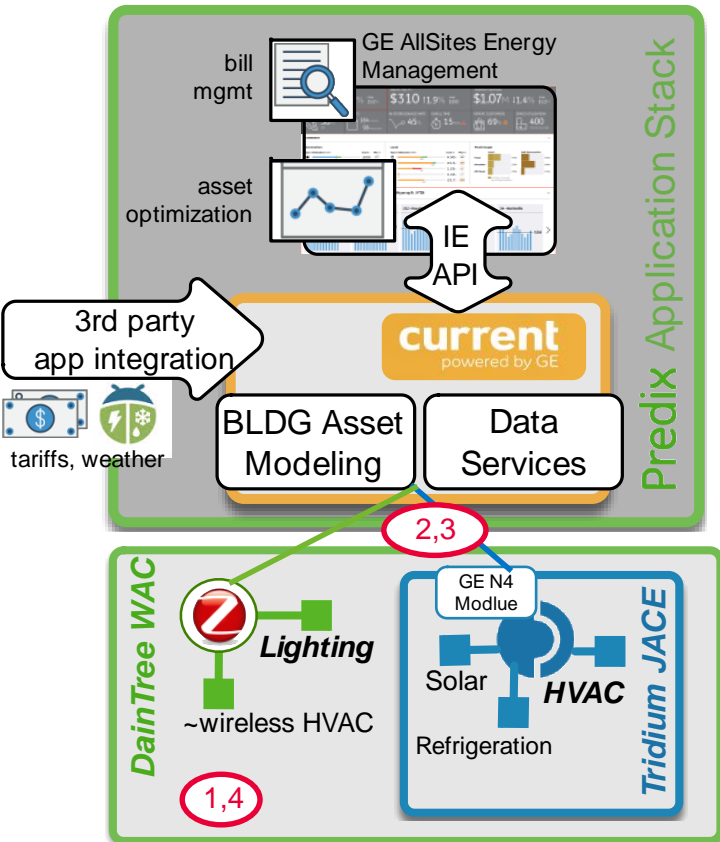
**CONNECTING
THE WORLD**

What Current did: Niagara-Edge INTO GE Predix-Cloud:



- IoT Development to support GE Lighting Pipeline
1. Energy platform framework built on Predix
 2. Energy Management App meets unique GE requirements
 3. Niagara Predix Module with MQTT data transport
 4. Automated Asset creation and onboarding application for Niagara proxy points in GE Predix.
 5. Acquired the wireless lighting controls company Daintree
 6. Integrated Daintree controls gateway into Predix Cloud

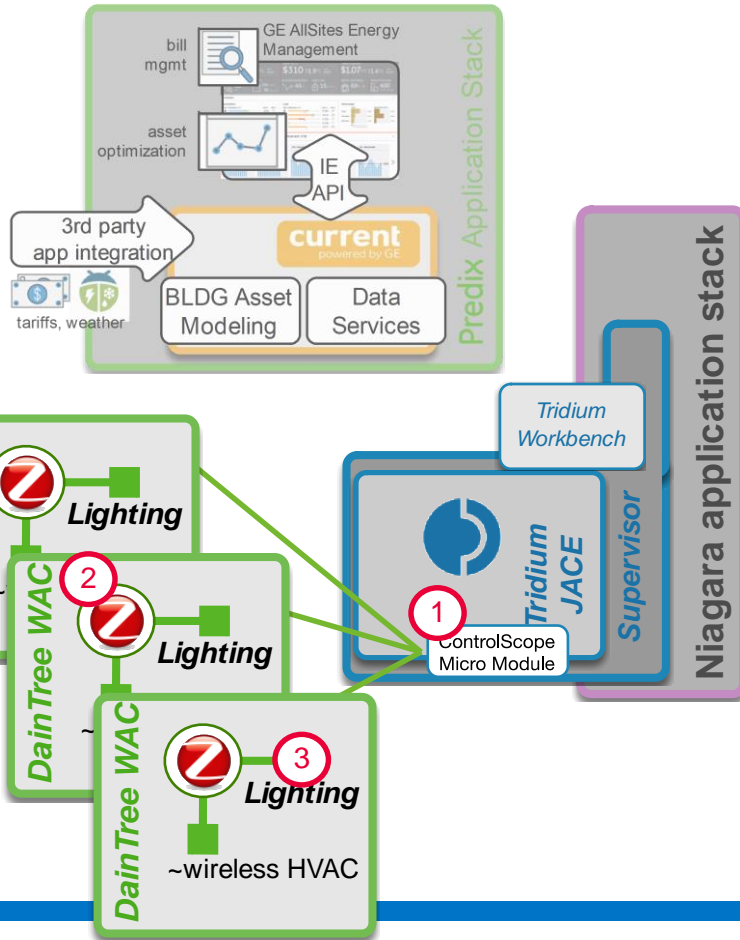
What Current is doing: Niagara-Edge AND GE-Edge-WAC TO GE-Cloud:



Niagara Edge Light co-existing with Daintree WAC:

1. Provides hardware and networking flexibility.
2. Operational Benefits: Simplified network, cheaper to scale, easier to support, customer get more options.
3. Drawbacks: Does not allow access to ZigBee device data from Niagara which requires intimate integration via bus arbitration, protocol implementation, or nDriver integration.
4. The ability to leverage Niagara libraries on vanilla Linux can be tricky, but not “that hard”. Makes JACE appreciation easier. 😊

What are we getting ready to do: GE-Edge-WAC WITH GE-Edge



1. Workbench onboarding UX auto-discovery + import.
2. ZigBee enterprise control natively via Niagara proxy points: leverages existing investment in Tridium Workbench core competency, hopefully work with Distributors and SI's to make ordering and licensing Q2C work within existing frameworks.
3. Provide lighting eco-system of devices and controllers that allow supported interoperability without requirement to access / pay for new cloud processing infrastructure for commissioning or data storage and retrieval. GE stack as a compliment to Niagara is an option, but not a requirement.

current

powered by GE

<https://www.predix.com/partners>