



Cluster of IoT Accelerators

Expedite IIoT Adoption

Cluster of IoT Accelerators



The need for solution

Embracing Industry 4.0 digitalization initiatives has become inevitable for every industrial enterprise today. Connected enterprises are using technology as an enabler to achieve productivity improvement, cost competitiveness, enhance business resilience, create new and smarter products and services, reduce operational costs, and sustain business growth.

Industrial IoT plays a pivotal role in creating a digital ecosystem where data can be shared and analyzed across the enterprise. It enables deeper collaboration between people, processes, and machines that can help enterprises optimize processes and identify improvement areas.

Expedite your IIoT journey

Nagarro can help enterprises embark on their IIoT journey using any of the solution approaches like:

- (1) Creating a fully customized IIoT solution
- (2) Using cloud-based IoT services
- (3) Leveraging an Industrial IoT platform
- (4) Accelerator-based IIoT implementation

Nagarro's suite of IIoT accelerators is called the 'Cluster of IoT Accelerators' (C-IoTA). It empowers enterprises to speed up their IIoT implementation by leveraging a configurable solution customized to their requirements.



Cluster of IoT Accelerators

About the C-IoTA

Nagarro's Cluster of IoT Accelerators is segregated under four tracks:

- Device Connector
- Device Management
- Data Processing
- Data Visualization

It enables us to implement an IIoT solution for any use case irrespective of their existing IIoT backbone.

Key design features



Flexible configuration

Use a single or combination of accelerators customized to your needs



Cloud agnostic

Deployable on any cloud platform or on-premise infrastructure



Device independent

Scale the solution to connect different types of devices



Intuitive UI/UX

User friendly interface to visualize data-driven insights



Security compliant

Security features incorporated at every layer of solution architecture

Advantages of using C-IoTA



Rapid prototyping



Reduced implementation time



Reduced cost



Proof of value in 100 days



No vendor lock-in



Scalable across use cases

Suite of accelerators

- Agents and assets onboarding
- Data collection and storage
- Raw data visualization
- Real-time data processing & alerts
- UNS & MQTT asset connector
- Asset control
- OPC UA connector
- Tenancy
- Data processing & analytics at edge
- Edge low latency dashboard
- Prediction model connector
- Data archiving
- Fleet management
- Digital Twin

UNS: Unified Name Space **MQTT:** Message Queuing Telemetry Transport **OPC UA:** Open Platform Communications United Architecture



Caring

Nagarro

Partnership

About Nagarro

Nagarro, a global digital engineering leader, helps clients become innovative, digital-first companies and thus, win in their markets. The company is distinguished by its entrepreneurial, agile, and global character, its CARING mindset, and its approach of "Thinking Breakthroughs".



www.nagarro.com



[/company/nagarro](https://www.linkedin.com/company/nagarro)



industrial@nagarro.com