

Realtime Connectors

Introduction

The real-time connectors are a set of components which enables Niagara stations to exchange data in real-time to external services (Cloud IoT Platforms, Databases, APIs...).

There are many features available through the real-time connectors. A third party can:

- Read / Write points
- Read / Write schedules
- Read / Acknowledge alarms
- Read historical data on demand

Some advantages:

- It doesn't require any additional points in Tridium's license.
- It works seamlessly for reading and writing (no other extension to add)
- DeviceExt and PointExt can be deployed easily on a Niagara station using Program Service or [Macros](#)
- Payload (content of a message) can be easily personalized

Deep dive in the documentation

- [Architecture](#)
- [Data Types](#)
- [Resource identification](#)
- [Outbound data point value](#)
- [Inbound commands](#)
- [Alarm management](#)
- [Request for historical values](#)
- [Personalize Messages Payload](#)
- [Data retention](#)

Explore the palette

- [RealTimeConnector](#)
- [DeviceExt](#)
- [PointExt](#)
- [ReferenceExt](#)
- [ScheduleExt](#)
- [PointTestExt](#)
- [AlarmRecipient](#)
- [StatisticsExt](#)
 - [ExtensionCounter](#)
 - [MessageCounter](#)

Get started with a specific connector

- [Get Started with IoTHub](#)
- [Get Started with AWS IoT](#)
- [Get started with MQTT and Niagara](#)
- [Get Started with Google IoT Core](#)
- [Get Started with MongoDB and Niagara](#)