TARTABIT
IOT BRIDGE

Next Generation LPWAN and
Enterprise Integration Framework

IoT Bridge "Cascade" Release Enhancements

Expanding Pillars of LPWAN Integration

IoT Bridge "Cascade" Release Enhancements

Cascade Release provides Advanced Azure integration Points

Basic
Azure Integration

IoT Hub

Event Hub

Standard
Azure Integration

IoT Central

CosmosDB

Premium
Azure Integration

Digital Twins

Data Explorer

Service Bus

Log Analytics

IoT Bridge for LWM2M

IoT Bridge "Cascade" Release Enhancements

- Native Integration from LWM2M 1.0, 1.1 devices
- Supporting Standard OPENSOURCE LWM2M clients as well as select custom "Non-compliant" LWM2M devices
- Low-code templates for easy mapping.
- Integration to numerous enterprise applications, messaging systems, and databases.

- Powerful Solution Templates to support fast onboarding
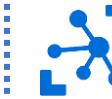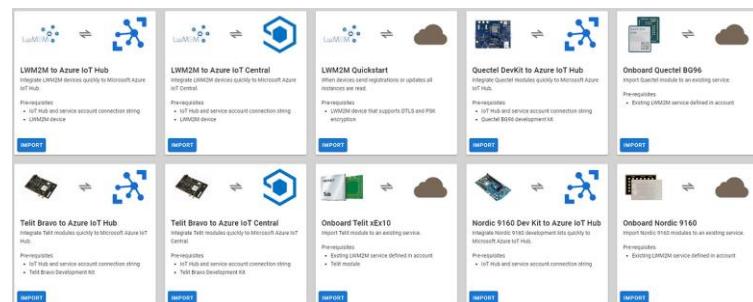
NB-IoT

LTE-M

LwM2M

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IoT Hub

IoT Central

Digital Twins

CosmosDB

Data Explorer

Event Hub

Service Bus

Log Analytics

CRM

Analytics

Field Service

Finance

Engineering

IoT Bridge for Bespoke IoT Devices

IoT Bridge "Cascade" Release Enhancements

TARTABIT
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- Industries Highest level of Bespoke IoT Device Integration to Azure Services
- Supporting many Defacto Standard Clients
- Service or Tools to Onboard Customer Specified Devices
  - Custom UDP
  - Customer Binary / ASCII
  - Low Code Decoders and Parsing Tools
  - Support for MQTT Non-Sec Devices

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IOT BRIDGE

- Low-code templates for easy mapping.
- Powerful Solution Templates to support fast onboarding
  - Quecklink   - Nimbelink
  - Micron   - Iridium
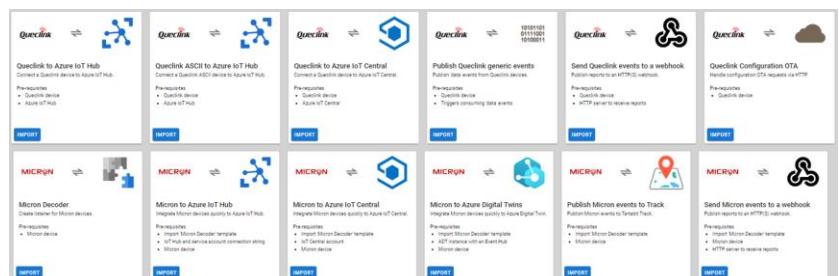
Queclink
MICRON
NimbeLink®
Smart. Simple. Cellular.
iridium

NB-IoT
LTE-M
iridium

IoT Hub
IoT Central
Digital Twins
CosmosDB
Data Explorer
Event Hub
Service Bus
Log Analytics

CRM
Analytics
Field Service
Finance
Engineering

IoT Bridge for LoRa

IoT Bridge "Cascade" Release Enhancements

- Normalized connections to multiple LNS.
- Low-code templates for easy mapping.
- 400+ additional device decoders pre-integrated.
- Integration to numerous enterprise applications, messaging systems, and databases.

helium

THE THINGS INDUSTRIES

Actility

senet
the sensible network company

ChirpStack

everynet

Webhooks

TARTABIT
IOT BRIDGE

Edit endpoint

Endpoint name
EDGE-5B64

Endpoint key
0016c001f0005b64

Service
LoRa Edge Tracker - LNS Receiver

Time before declared missing (seconds)

Trace
disabled

Tags

Parameters
Device Type
temp

[Laird Connectivity, Inc.] Sentrius RS1xx Temp-RH Sensor (6.1_20_6_16)

[SenseCAP] SenseCAP Wireless Air Temperature and Humidity Sensor - LoRaWAN (3.4)

[SenseCAP] SenseCAP Wireless Soil Moisture and Temperature Sensor - LoRaWAN (3.4)

[nke WATTECO] Remote Temperature 2 CTN (3.5.2)

[nke WATTECO] Temperature indoor sensor (3.5.2)

[Browan Communication Incorp.] Temperatur & Humidity Sensor (1.0.1)

RESET   CANCEL   SAVE

IoT Hub

IoT Central

Digital Twins

CosmosDB

Data Explorer

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IoT Bridge for SEMTECH LoRa Cloud

IoT Bridge "Cascade" Release Enhancements

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THE THINGS INDUSTRIES

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- Normalized connections to multiple LNS.
- Low-code templates for easy mapping.
- Semtech LoRa Cloud integration for LoRa Edge LR1110 module.
- 400+ additional device decoders pre-integrated.
- Integration to numerous enterprise applications, messaging systems, and databases.

Webhooks

TARTABIT
IOT BRIDGE

Packet Decoding
Location Resolution
Device Management

LoRa Edge to Azure IoT Central
Integrate Semtech LoRa Edge Tracker to Azure IoT Central.

Pre-requisites
- LoRa Edge Tracker
- LNS Account
- LoRa Cloud Account

IMPORT

LoRa Cloud™

IoT Hub

IoT Central

Digital Twins

CosmosDB

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Engineering

Satellite IOT Integration Framework

IoT Bridge "Cascade" Release Enhancements

TARTABIT IoT BRIDGE for iridium provides integration to Azure IoT Hub and other Azure Services
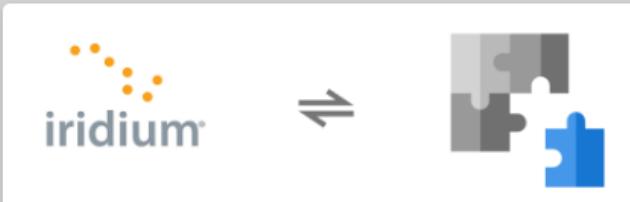
Iridium CloudConnect quickstart

Quickstart to conenct to Iridium CloudConnect.

Pre-requisites
- Iridium CloudConnect account with SQS access

IMPORT
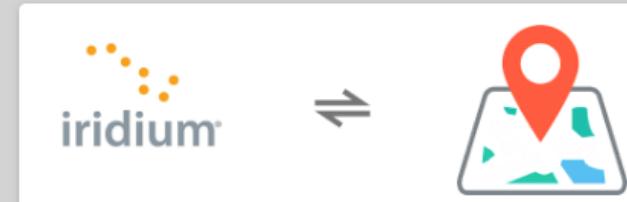
Publish Iridium messages to Track

Publish Iridium events to Tartabit Track.

Pre-requisites
- Import 'Iridium Quickstart' template
- Iridium device

IMPORT
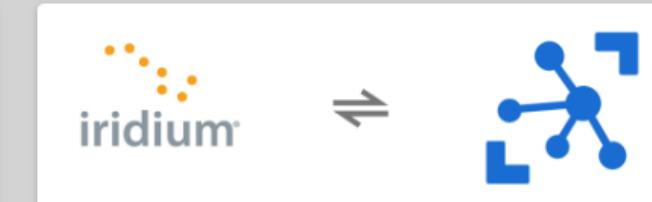
Iridium to Azure IoT Hub

Integrate Iridium devices quickly to Azure IoT Hub.

Pre-requisites
- Import 'Iridium Quickstart' template
- IoT Hub and service account connection string
- Iridium device

IMPORT
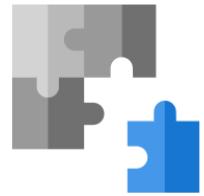
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IOT BRIDGE

Thank You!

www.tartabit.com