InfluxDB Time-Series

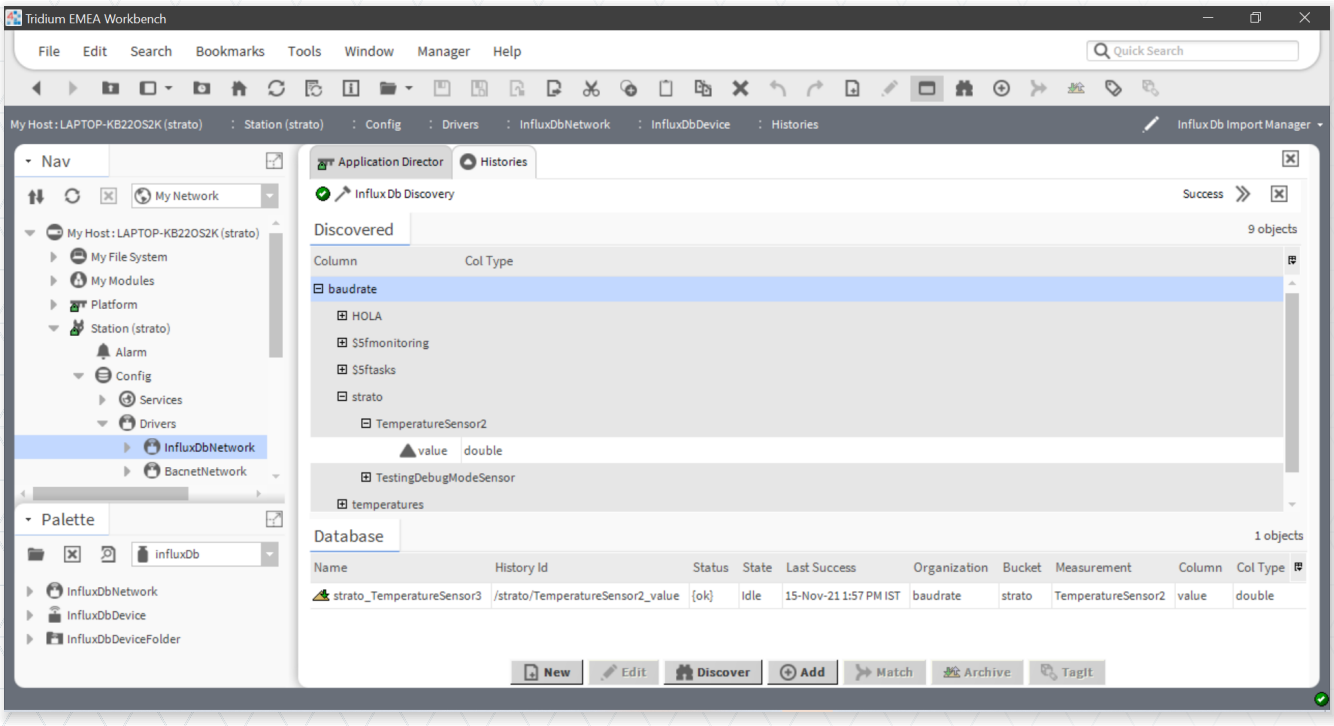
Niagara Framework Driver

The InfluxDB driver provides bidirectional data flow between Tridium Niagara histories and InfluxDB time-series databases, enabling advanced analytics and visualization workflows. The driver auto-discovers the complete InfluxDB structure, including organizations, buckets, measurements, and fields. Data can be imported from InfluxDB into Niagara histories or exported from Niagara to InfluxDB, supporting both directions of integration.

All standard data types are supported, including float, integer, string, and boolean values. Flux queries provide flexible data retrieval for complex analytics scenarios.

The driver connects to any InfluxDB v2.0+ instance, whether deployed locally, on a remote server, in InfluxDB Cloud, or in a serverless configuration. It integrates seamlessly with Telegraf and Grafana data pipelines.

- ✓ Bidirectional data flow between Niagara and InfluxDB
- ✓ Compatible with InfluxDB v2.0
- ✓ Auto-discovers organizations, buckets, measurements, and fields
- ✓ Imports and exports Niagara histories
- ✓ Float, integer, string, and boolean data types
- ✓ Supports Flux queries
- ✓ Local, remote, cloud, and serverless deployments
- ✓ Integrates with Telegraf and Grafana pipelines
- ✓ No annual fees
- ✓ Free technical support and upgrades



InfluxDB Four-Level Discovery in Niagara Workbench

SUPPORTED DEVICES

InfluxDB OSS 2.x	InfluxDB Cloud

SYSTEM REQUIREMENTS

- ✓ Niagara framework 4.8 or later, including OEM versions
- ✓ InfluxDB v2.0 instance (local, cloud, or serverless)
- ✓ JACE or Supervisor with TCP/IP network access to InfluxDB
- ✓ InfluxDB driver license

CONNECTIVITY

TCP/IP

Connect Niagara to any InfluxDB v2.0 instance over standard TCP/IP using the InfluxDB HTTP API. Supports local deployments, remote servers, InfluxDB Cloud, and serverless configurations.

ORDERING INFORMATION

Part Number	Description
INF-J-UNL	InfluxDB for JACE, unlimited
INF-SUP-UNL	InfluxDB for Supervisor, unlimited