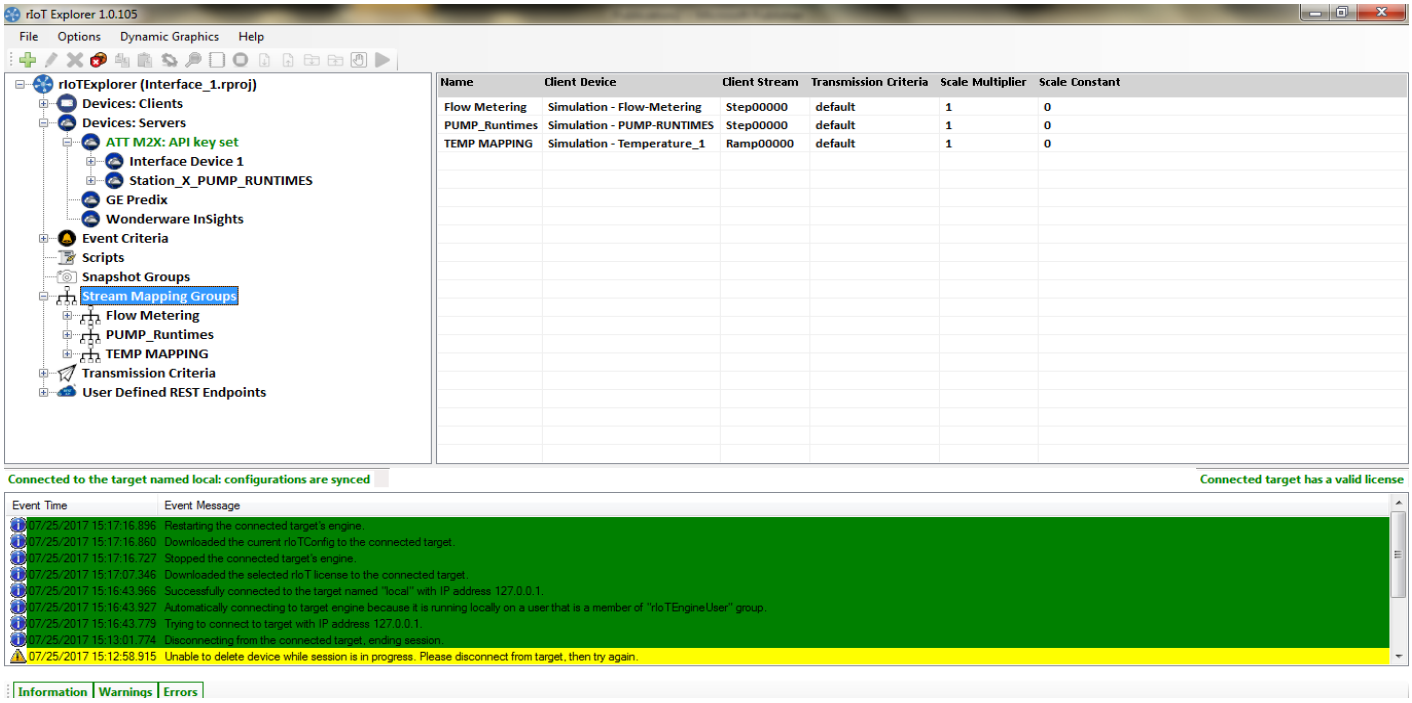
Interface Inc.

Introducing the Ensemble rIoT Engine from Interface Inc.

Every IoT Application needs a platform, Ours will help your data sing!



Applications and Uses:

- Utilities and Industrial Processes
- Facility and Campus Management (building/Campus control systems)
- Distributed Systems (Water, Wastewater, Gas, and Electric)
- Computer Networks and Data Centers
- Retail Activity Monitoring
- Security systems
- Traffic Control and Management
- HeathCare
- Solar and Wind Farm Management

Our technology is Domain Transparent meaning it can be used for any process that generate streams of data

Ensemble is Edge to End technology to Collect, Store, Report, Analyze and Transport your Real-time data . Our solution is Ideal for remote monitoring of Distributed Assets in diverse geographical areas.

Major Benefits:

- **Increase visibility to assets, processes, and data endpoints**
- **Increase process performance and company productivity**
- **Save on energy costs and/or reduce overhead cost**
- **Reduce system down-times and outages**
- **Provide Data analysis, clustering, and prediction analytics**
- **Manage system notifications , alerts and alarms**
- **Track assets, customer actions, and**
- **Modularity (device based)**

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ARCHITECHURE AND DATA STRUCTURE ENSEMBLE

Part of the Ensemble Engine is the Data Broker application. This is a schema-less database that is specifically designed to handle Big Data requirements: Volume, Velocity and Variety. Interface's Ensemble Technology is currently interfacing with AT&T M2X, Verizon Thingspace, Wonderware Online InSight, GE Predix and Microsoft Power BI. Other Data Broker services can be added by configuring rIoT Open REST Interface. Let's work on your IoT or IIoT application today and make your data sing..

Server Connections: AT&T M2X, Verizon Thingspace, Wonderware Online InSight, GE Predix, Microsoft Power BI and many more on the way..	MQTT and REST API's
Hardware and OS independence **(Supports Linux and Windows)** Including Ubuntu, Red Hat, and others	Connection Security: TLS and SSL
Role based security helps manage data access and distribution	Field software support for BLE, RS232, RS485, Ethernet, Wi-Fi and Cellular Routers to enable data communication across multiple modes
Open field data adaptors to add new sensor and controller protocols	Field support for OPC and Modbus clients with Base Package, DNP3 and others avaliable
Local .Net scripting to implement user logic at the Edge	Support for Watchdog Timers