TATSOFT

Advancing Elements for Industry ™

FRAMEWORX

The Affordable Platform with Limitless Possibilities for Enabling Industrial Applications

Complete

Powerful

Cost-Effective

ABOUT

TATSOFT
Advancing Elements for Industry™

Experience

- ✓ 25+ Years Experience
- ✓ 4th Gen Software
- ✓ HQ: Houston, TX
- ✓ US, Brazil, UK, EU, India

Technology

- ✓ Robust IIoT Platform
- ✓ Real-time Data
- ✓ Object Oriented .NET
- ✓ Multi-Platform

Product

- ✓ Complete System
- ✓ Edge to Enterprise
- ✓ Open Architecture
- ✓ Newly Released v9.1

Solutions

- ✓ Analytics with Python
- ✓ Manufacturing Intelligence
- ✓ Asset Monitoring
- ✓ High Performance HMI

Create Actionable Solutions Delivered Anywhere

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WHY FRAMEWORX

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AFFORDABLE PLATFORM, LIMITLESS POSSIBILITIES

COMPLETE

- ✓ All Modules Included
- ✓ Unlimited to right-sized
- ✓ Built in SQL
- ✓ Connectivity
- ✓ Alarms & Events
- ✓ Data Collection with Store and Forward included

POWERFUL

- ✓ .NET to the Core
  - ✓ Blistering Fast
  - ✓ Close to the Kernel
- ✓ Rich Graphics
- ✓ Web/Mobile/Thick
- ✓ Plant Modeling
- ✓ Use ours or create your own Symbols

FLEXIBLE

- ✓ Highly Customizable
- ✓ Everything is an Object
- ✓ C#, VB.NET, Python, JavaScript
- ✓ IIoT, Analytics, AI, ML
- ✓ Microsoft, Linux, iOS, Virtual

SECURE

- ✓ Intrinsically Safe
- ✓ Cyber-Secure
- ✓ Compliant with .NET Standards
- ✓ Fully Redundant & Hot Standby
- ✓ Audit Trail to track changes in configuration

We Are The Framework For Digital Transformation

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FRAMEWORX IS COMPLETE
What's In The Box?

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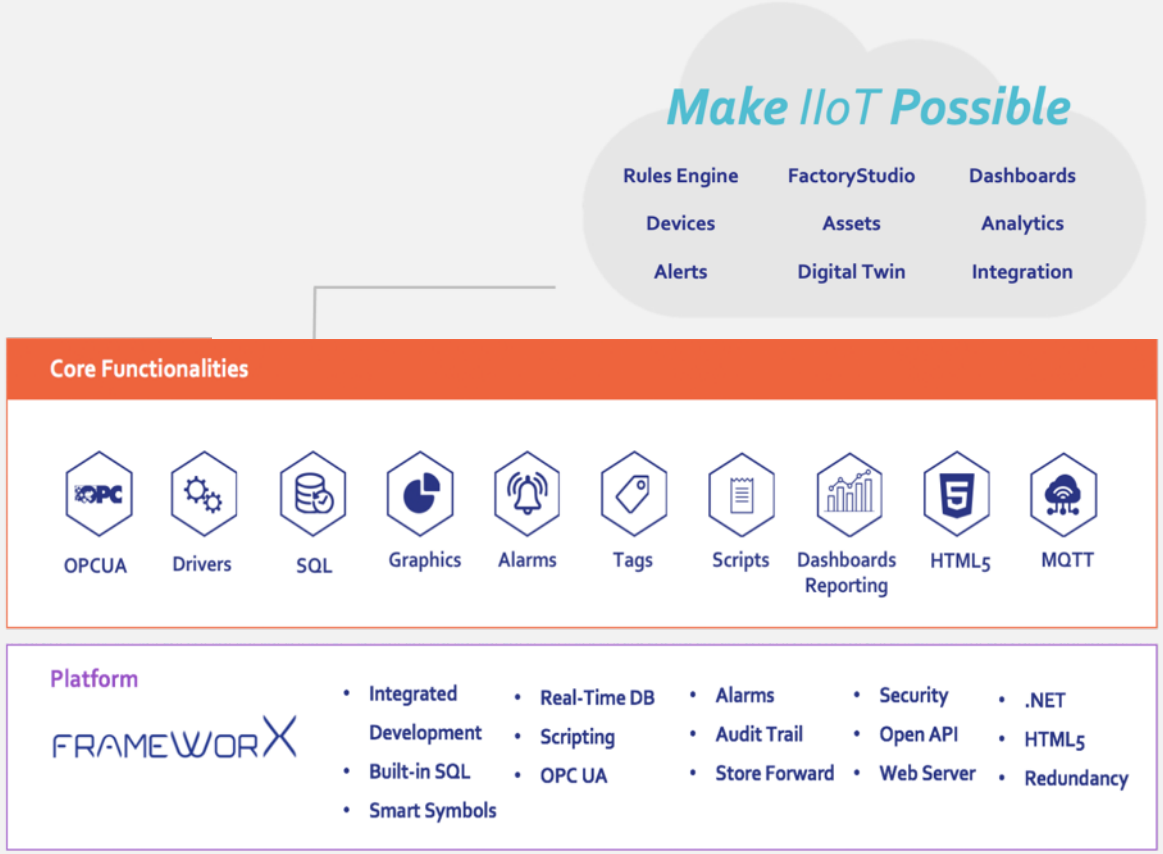
FrameworX Securely Enables IIoT

Create Applications – Edge to Enterprise

- **Edge and IIoT-Gateway were created from ground-up with secure technologies**
- **Open and layered platform including MQTT with SparkplugB support**
- **Full range of PLC and device connectivity**
- **Run with or without HMI**
- **Enable real-time analytics and data acquisition at the edge**



The Framework Enabling IIoT Applications

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NEW & IMPROVED IN 9.1

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MAJOR FEATURE THEMES FOR THIS RELEASE: **CONNECTIVITY, EASE OF USE, MOBILE & HTML5**

- Dashboards (Responsive/.NET)
- MQTT Broker / Clients / SpB
- Python Integration
- Themes
- Visual SQL Query Builder
- Project Templates

- Multi-Monitor Support
- Driver Highlights
- Simulator Driver
- Remote & Multi-User Engineering
- Remote Device Startup
- Linux Runtime Improvements

- Enhanced HTML5 Support
- Symbols and Symbol Library
- Smart Flow Connectors
- Industrial Icons Font
- Multi-Screen Engineering

- Secure Multi-Port Gateway
- Sparkline in DataGrid
- Dynamic Color Cell in Reports
- Copy/Paste Tag Array To Multiple Symbols
- Tags – Finding / Easy Renaming
- Removing Unused Tags, Devices, & More

What's New & Improved In This Release

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1 RESPONSIVE DASHBOARDS

2 PYTHON

3 MQTT

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ENHANCED DASHBOARD BUILDER

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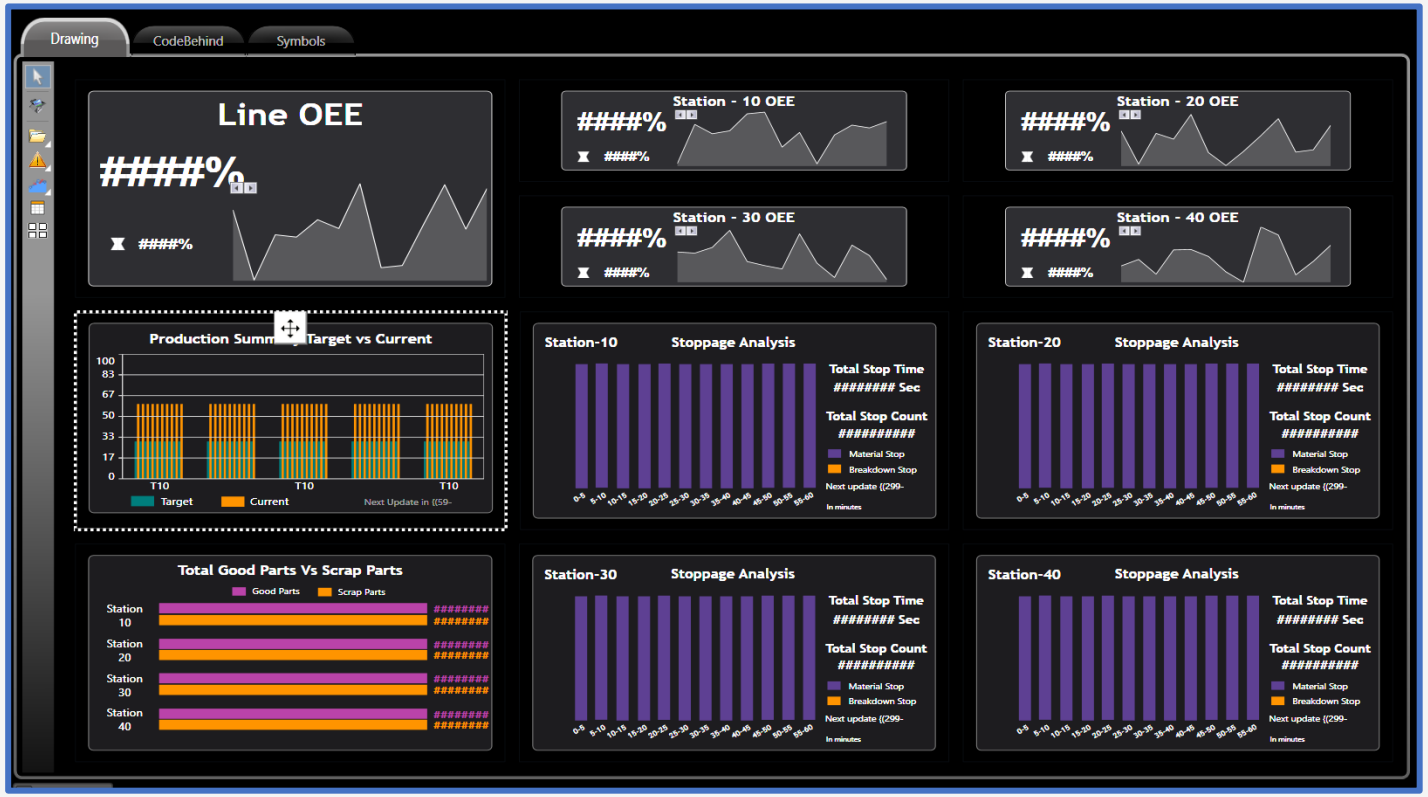

Responsive Dashboards

Easier-to-use tools to create what you need

- **Responsive layouts based on viewing device**
- **Easy drag & drop functionality**
- **Add any Symbol Library object**
- **Create dashboards for BOTH - .NET & HTML5**
- **Supports Project Themes for quick styling**

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DEVELOP MORE WITH PYTHON

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python™

Already Supporting…

C# VB JS HTML

Python Integration

Extend Your Projects with Python Code

- **Supports ANY version of Python (3.x & 2.x)**
- **Access Python namespace from Scripts, Tasks, & Codebehind**
- **Create Python code to interact with your FactoryStudio project**
- **Create a task that executes your extenal Python code and passes parameters both ways**

Machine Learning & AI Integration Possibilities

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C#, VB.NET, & PYTHON

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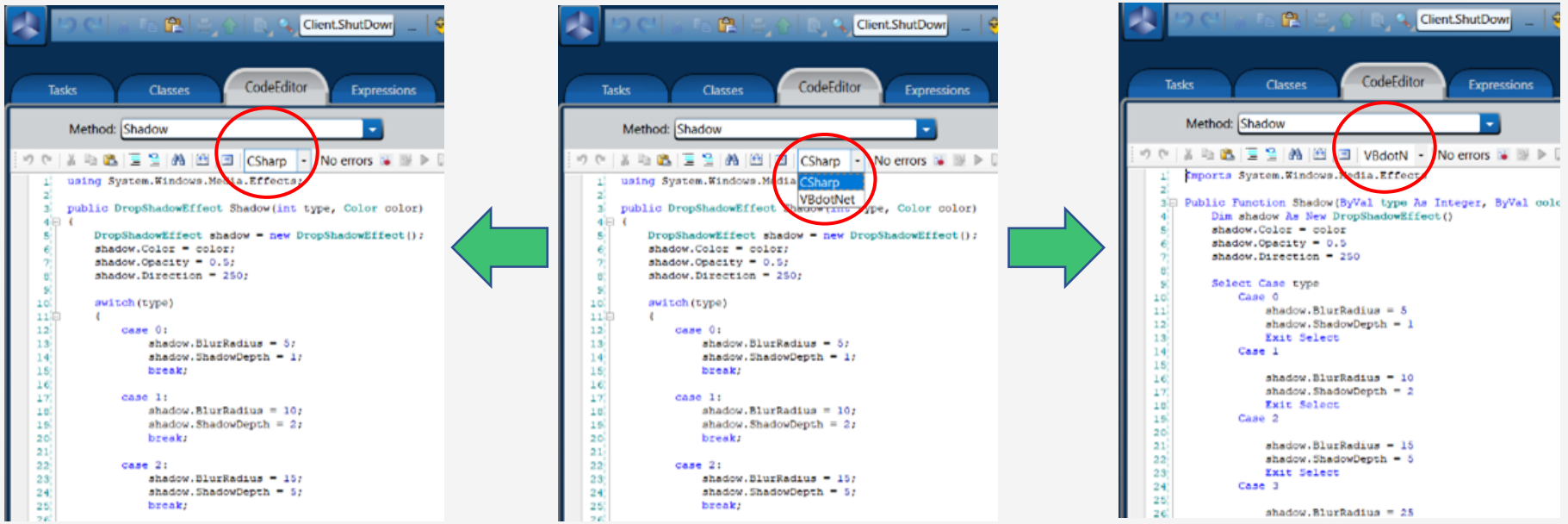
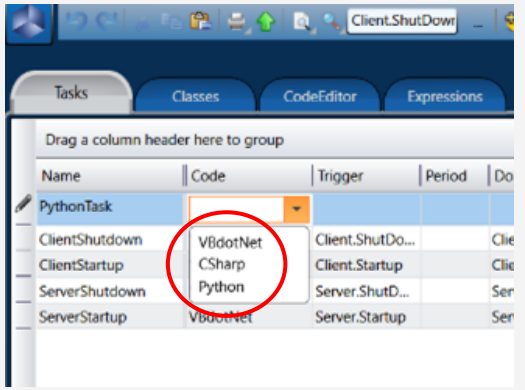
Code, Switch, and Translate With Ease Between C# and VB.Net



Python Integration



Coding Flexibility For Better Productivity

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MQTT BROKER

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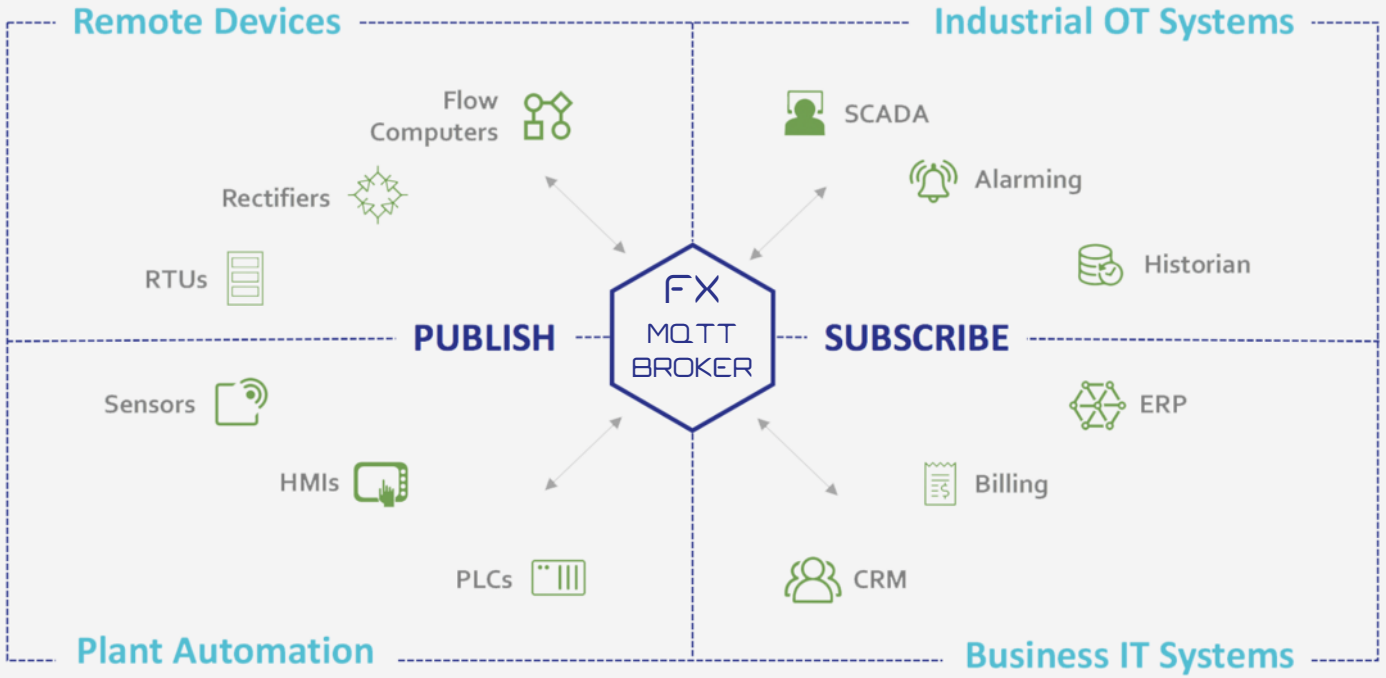

Open, Scalable and Secure IIoT: Edge, On-Premise, Cloud

A complete set of tools for creating IIoT applications and much more.

– Affordable Edge and Gateway versions

– Fully functional SCADA includes alarms, alerts, and scripting

– Connect to any device, database, or Cloud

– Use any or all of the integrated development tools

The Framework For Creating IIoT Possibilities

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MQTT BROKER / CLIENTS / SPARKPLUG B

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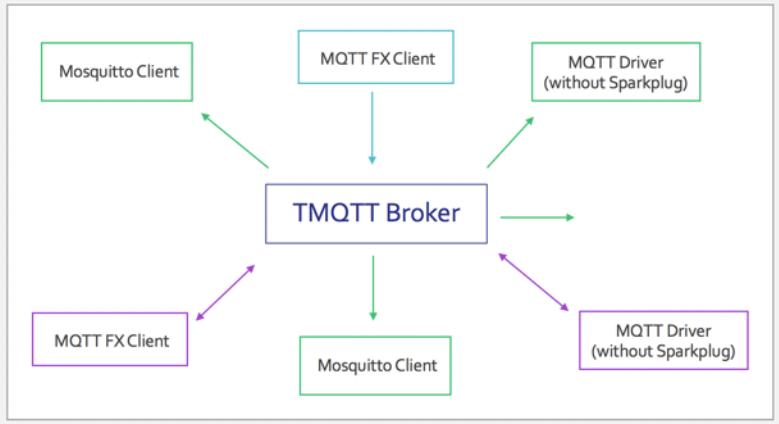
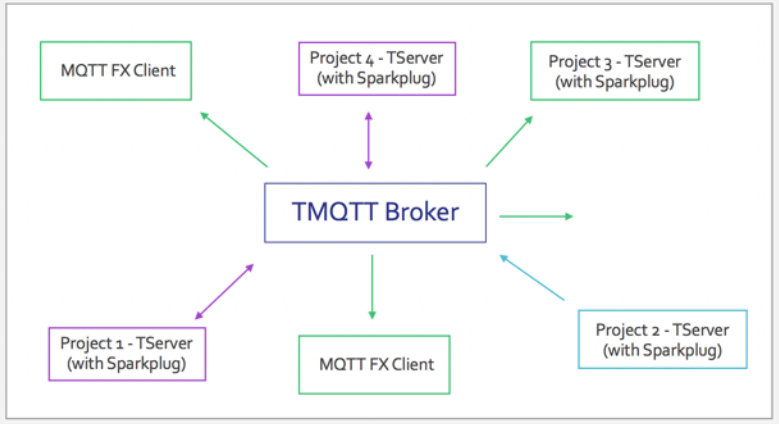
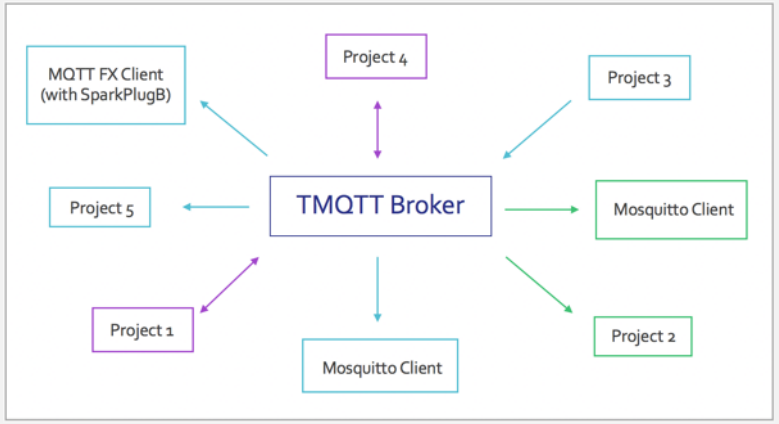
Publish and Subscribe Subscribe Only Publish Only



SIMPLE GATEWAY



CONNECTED TO RUNTIME PROJECT



GATEWAY & CONNECTED TO RUNTIME PROJECT

Communication From Edge to Enterprise Made Easier

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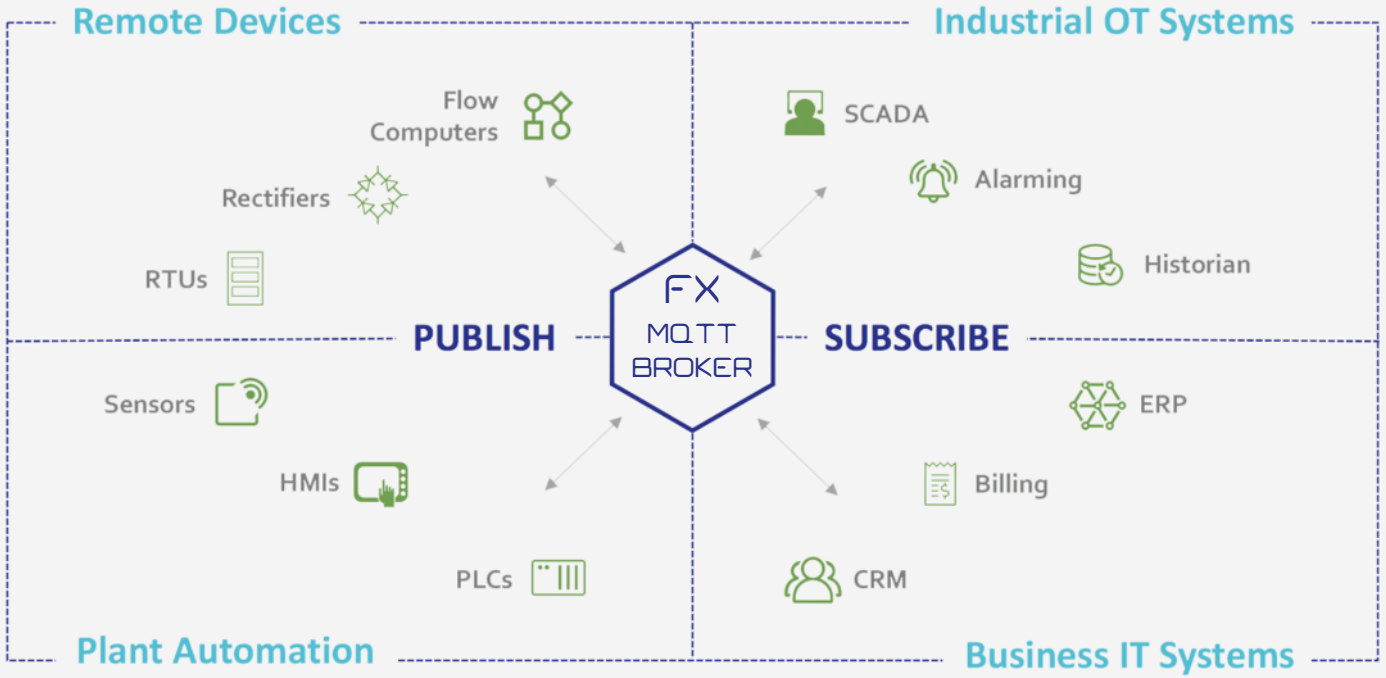

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WE'RE HERE TO ANSWER YOUR QUESTIONS

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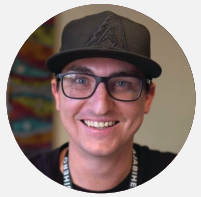
UNIVERSITY

Thank you, Walker and Zack!

Walker Reynolds
Intellic Integration and 4.0 Solutions | President



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