



SCADA 2026 Update



Safe Harbor Disclaimer

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Proficy® Software suite

Enabling smart factories and infrastructure

The industrial software ecosystem

Level 4
Enterprise/
business
operations

ERP+
Plant production scheduling,
receiving, shipping, inventory, ...

Level 3
Manufacturing
operations
management

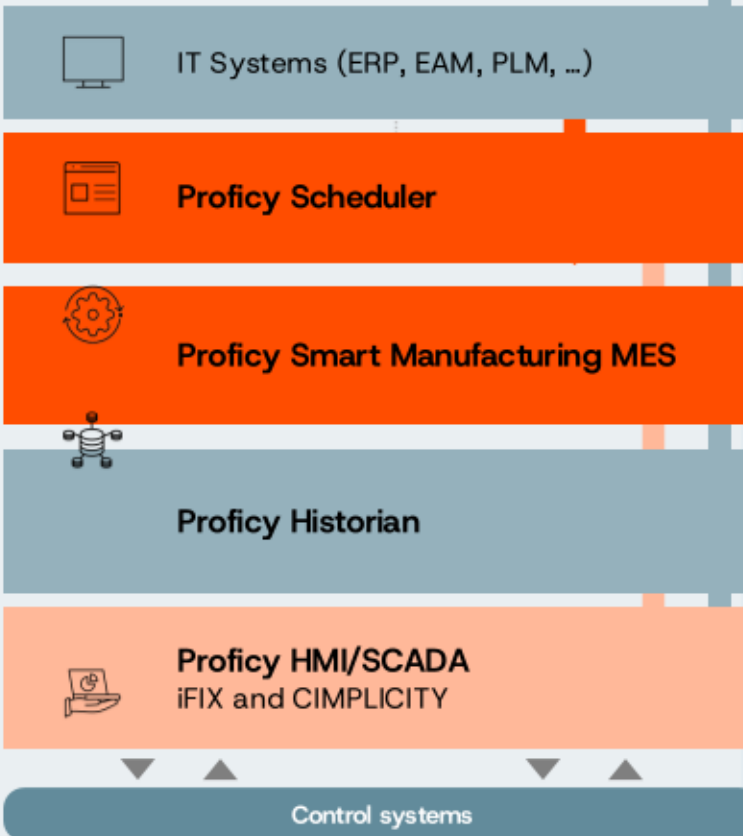
MES
(Manufacturing
Execution Systems)
High level production execution,
OEE calculation, quality mgt,
production analysis, sustainability
KPIs tracking, product genealogy,
scheduling, reporting ...

Level 2, 1, 0
Industrial
automation

Production automation
(Batch, Continuous, Discrete)
Plant floor execution: remote and
local monitoring and control, alarm
management, trends, ...

Proficy Data Hub

Proficy®

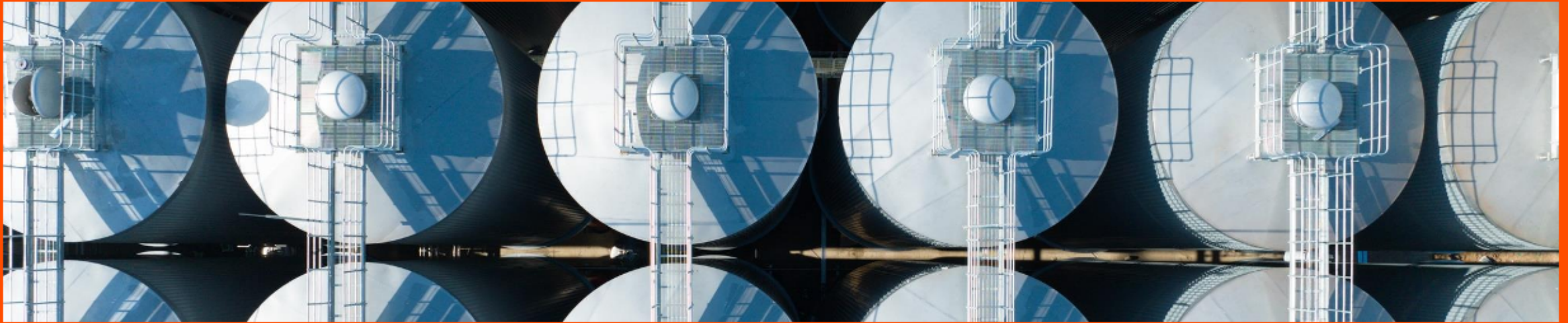


Capabilities
(non-exhaustive list)

- Manage efficiency (OEE)
- Manage quality
- Traceability
- Production management
- Collect and store data
- Contextualize data
- Natural resources
- Benchmark – Explain
- Optimize
- Manage production execution

Based on the Manufacturing Operations Management model,
ANSI/ISA-95 "Enterprise-Control System Integration" Standards

* HMI/SCADA:
Human Machine Interface/Supervisory control and
data acquisition



Proficy iFIX 2026



iFIX 2026

Modernization

Experience

Simple Installation

- > Quick & Intuitive to shorten time to value

New User Interface – “iFIX Studio”

- > Simplified, modern & intuitive configuration
- > Easy learning curve for 1st time users
- > Provide a seamless experience in a single environment for veteran users
- > Speed deployment for faster time to value for all

New & Improved Sample System

- > Reusable Sample System
- > Experience more of what iFIX can do!

Extensibility

iFIX Productivity Tools

- > Pre-built Navigation System
- > Enhanced Operations

Python EDA Toolkit Extension

- > Ingest calculated and IoT data into iFIX Database
- > Expose iFIX Database to Python scripts

Chromium Control Capability

- > Host web content and Operations Hub Components directly in Workspace

Alarm Notification

- > Support for multi-protocol Alarm Cast capabilities within iFIX for proper Alarm Notification

Portfolio Support

Accessing Proficiency

- > Central Plugin Registration improvements
- > Configuration Hub iFIX experience for Central Management mirrors the iFIX Studio on-node experience

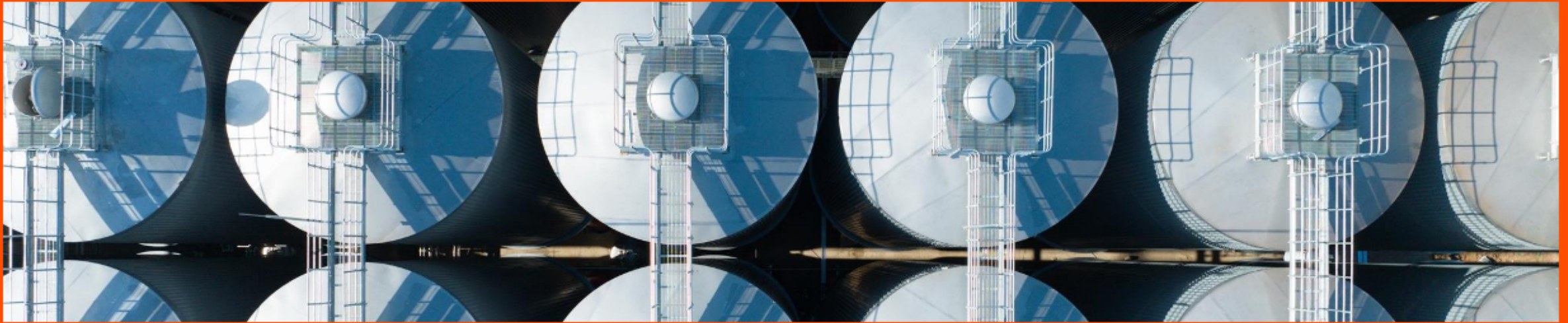
Performance

Picture Open Performance

- > Faster picture open performance even over iFIX 2024

Data Path Separation

- > One network path for data
- > One network path for alarms
- > Shows massive throughput improvements for medium to large systems



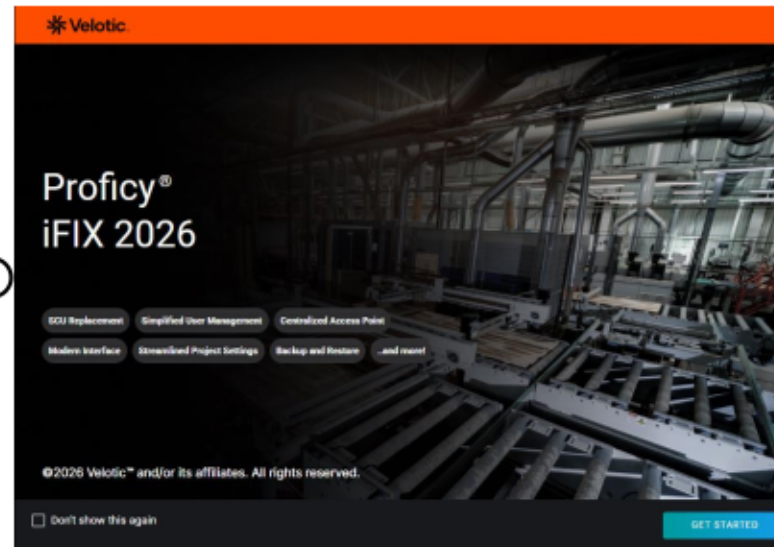
Modernization – Experience



iFIX 2026 – A New Path Forward

Prior to iFIX 2026

- > Start with **Security**
- > Then build/connect to the larger Proficy Portilio (Configuration Hub, Proficy Authentication etc)
- > Then start your Project



iFIX 2026 & Beyond “iFIX Studio”

- > Start with **Project**
- > Add Security
- > Then build/connect to larger Proficy Portilio (Configuration Hub, Proficy Authentication etc)

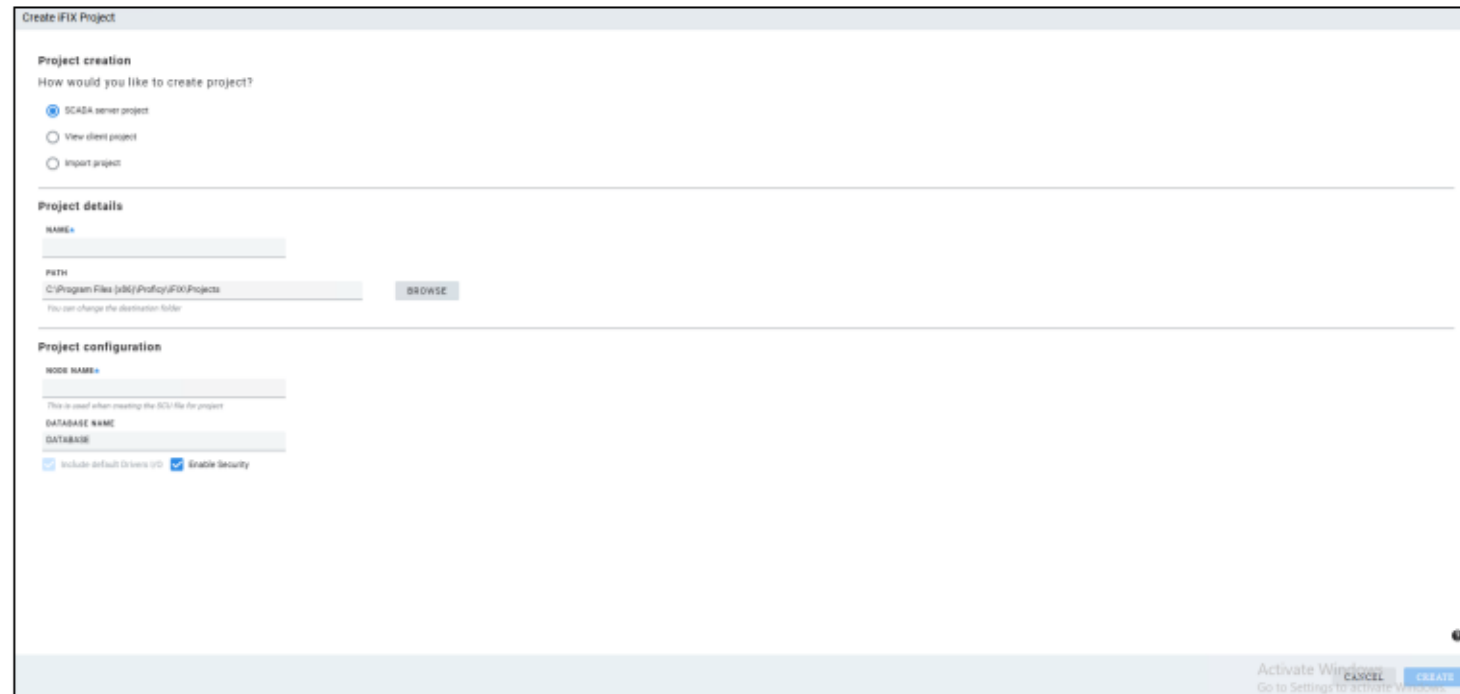
iFIX 2026 – Modernization – Experience – iFIX Studio

Simple Installation – Get up and running QUICKLY!

- > Focused on Logical flow – Less questions, Less stumbling blocks
- > Robust Configurations – Proper options and functions installed by default. No “Analysis Paralysis”

iFIX Studio – New User Interface and User Experience – Modern, Intuitive, Simple – ONE Tool

- > One Environment – Modern Web-Based and intuitive configuration. No jumping between tools
- > Full SCU and Security Configurational capabilities



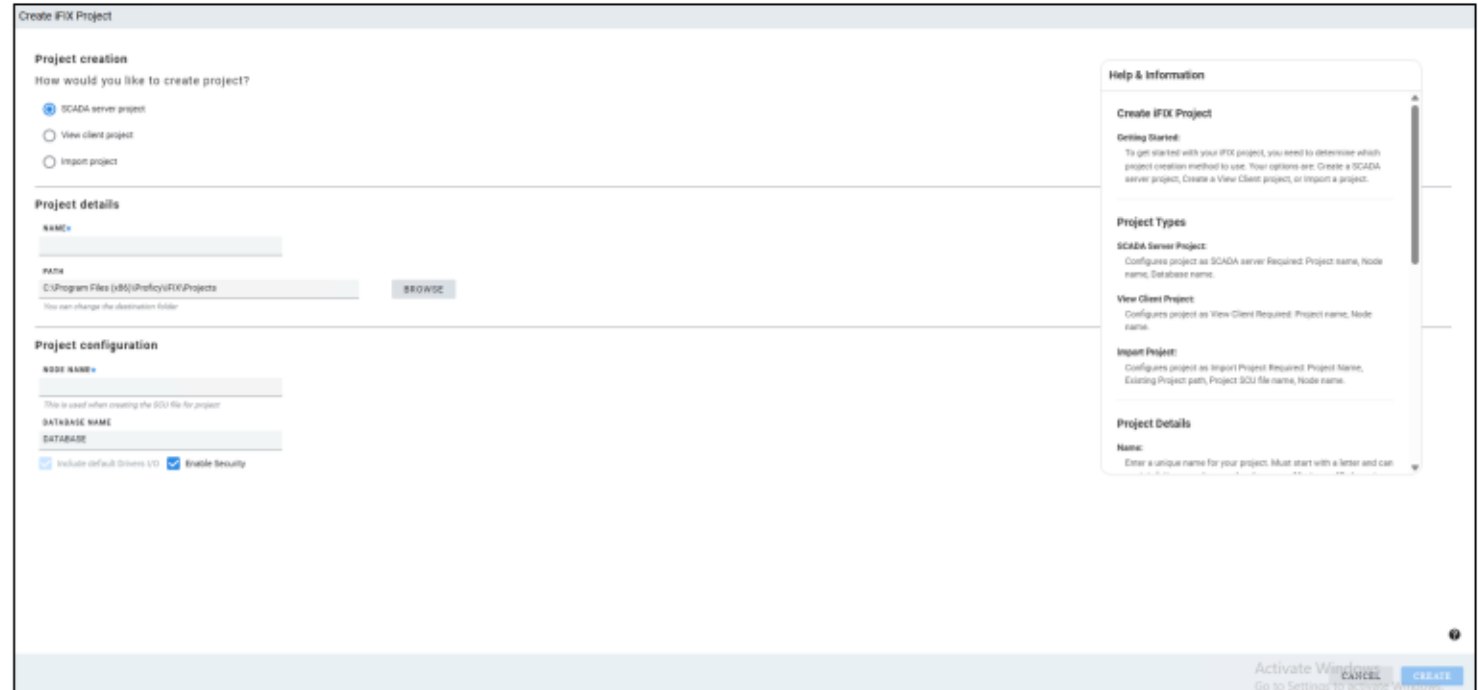
The screenshot shows the 'Create iFIX Project' dialog box with the following sections:

- Create iFIX Project** (Title bar)
- Project creation**
 - How would you like to create project?
 - ☒ SCADA server project
 - ☐ View client project
 - ☐ Import project
- Project details**
 - NAME**: [Text input field]
 - PATH**: C:\Program Files (x86)\Proficy\iFIX\Projects [BROWSE button]
 - You can change the destination folder
- Project configuration**
 - NODE NAME**: [Text input field]
 - This is used when creating the SCU file for the project
 - DATABASE NAME**: [Text input field]
 - DATABASE**: [Text input field]
 - ☒ Include default Drivers (D) ☒ Enable Security
- Footer**: Activate Windows. Go to Settings to activate Windows. [CANCEL] [CREATE]

iFIX 2026 – Modernization – Experience – iFIX Studio

Embedded Help

- > Intuitive flow
- > Context sensitive help information
- > Faster time-to-value
- > Build from on-node local to Proficy Centralized Management
- > **Keeps you Productive**



Create iFIX Project

Project creation
How would you like to create project?

☒ SCADA server project
☐ View client project
☐ Import project

Project details

NAME

PATH

You can change the destination folder

Project configuration

NODE NAME

This is used when creating the SDI file for project

DATABASE NAME

☒ Include default Drivers I/O ☒ Enable Security

Help & Information

Create iFIX Project

Getting Started:
To get started with your iFIX project, you need to determine which project creation method to use. Your options are: Create a SCADA server project, Create a View Client project, or Import a project.

Project Types

SCADA Server Project:
Configures project as SCADA server Required: Project name, Node name, Database name.

View Client Project:
Configures project as View Client Required: Project name, Node name.

Import Project:
Configures project as Import Project Required: Project Name, Existing Project path, Project SDI file name, Node name.

Project Details

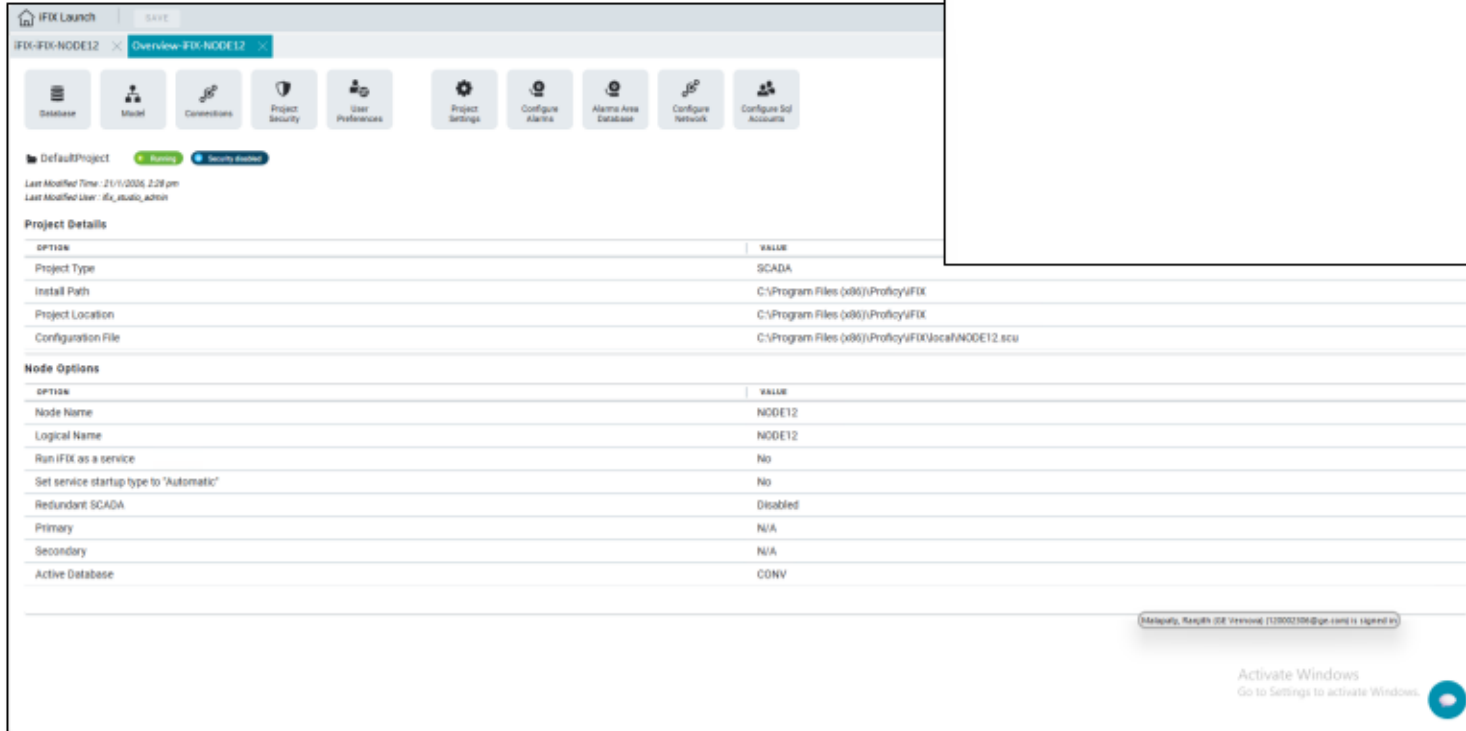
Name:
Enter a unique name for your project. Must start with a letter and can...

Activate Windows
Go to Settings to activate Windows.

iFIX 2026 – Modernization

iFIX Studio

- > Local Web-Based Configuration
- > See available Projects on the node
- > Interact with the available projects or build a new one
- > Access to Sample System
- > **Simplified & Intuitive HMI/SCADA**

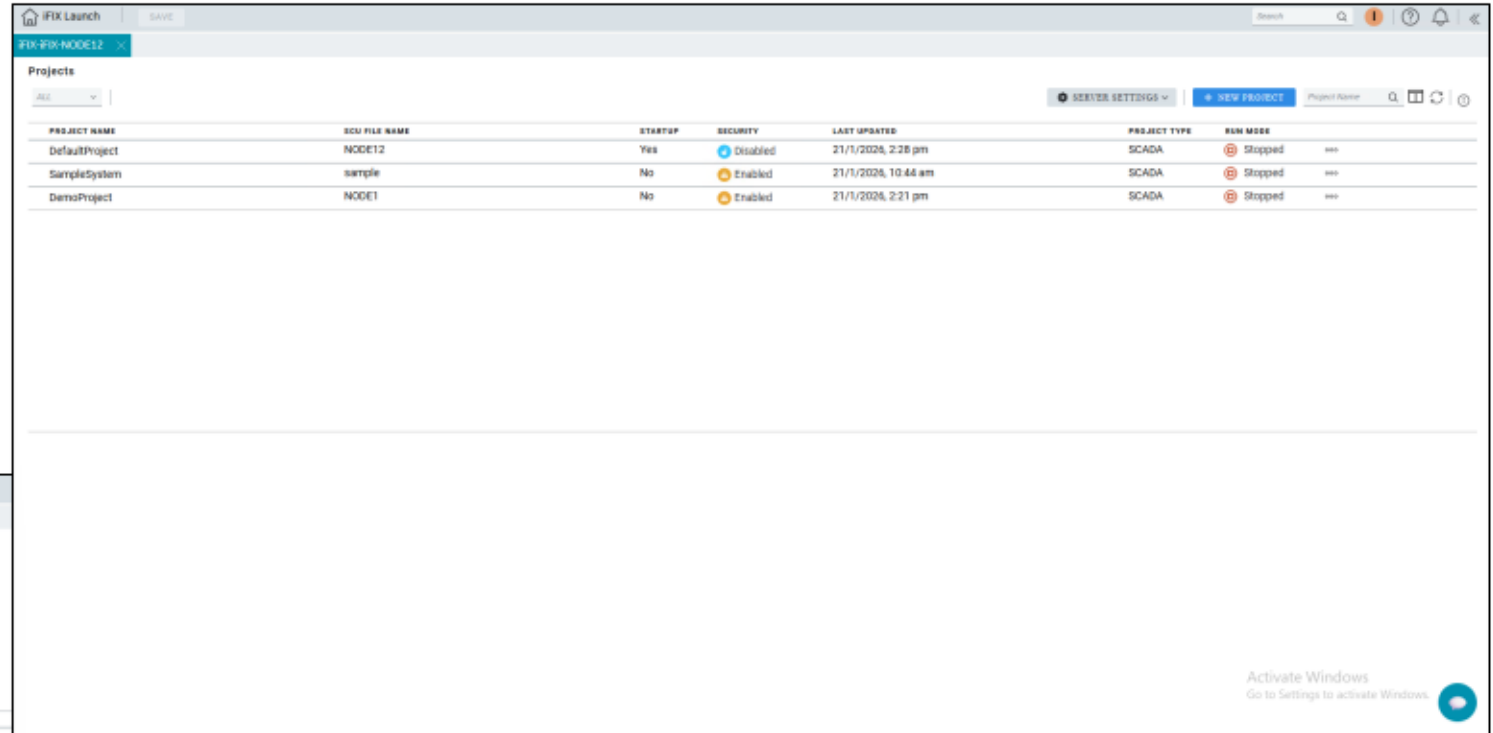


Project Details

OPTION	VALUE
Project Type	SCADA
Install Path	C:\Program Files (x86)\Proficy\iFIX
Project Location	C:\Program Files (x86)\Proficy\iFIX
Configuration File	C:\Program Files (x86)\Proficy\iFIX\Local\NODE12.scu

Node Options

OPTION	VALUE
Node Name	NODE12
Logical Name	NODE12
Run iFIX as a service	No
Set service startup type to "Automatic"	No
Redundant SCADA	Disabled
Primary	N/A
Secondary	N/A
Active Database	CONV



PROJECT NAME	SCU FILE NAME	STARTUP	SECURITY	LAST UPDATED	PROJECT TYPE	RUN MODE
DefaultProject	NODE12	Yes	Disabled	21/1/2026, 2:28 pm	SCADA	Stopped
SampleSystem	Sample	No	Enabled	21/1/2026, 10:44 am	SCADA	Stopped
DemoProject	NODE1	No	Enabled	21/1/2026, 2:21 pm	SCADA	Stopped

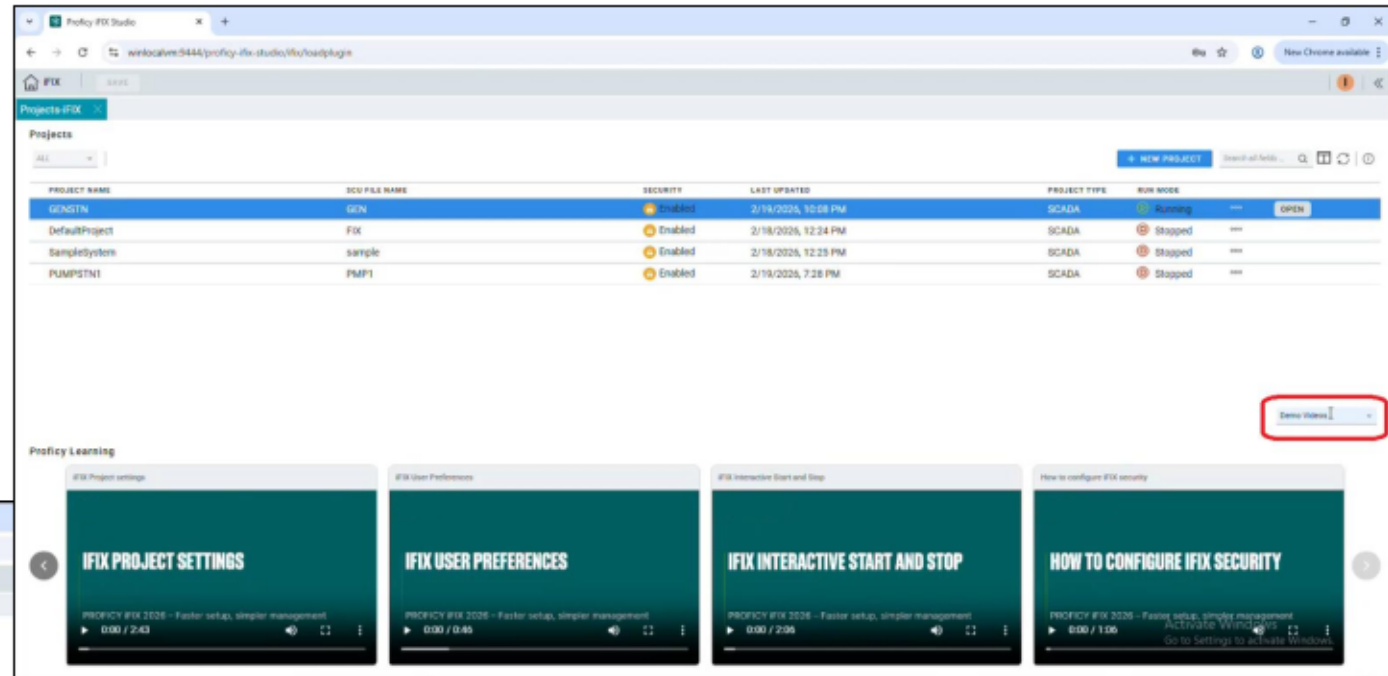
Project Interaction

- > Once project is selected, open deeper configurational capabilities
- > Start / Stop Projects directly from iFIX Studio
- > Starting a project launches WorkSpace
- > **Manage all projects fully from one area**

iFIX 2026 – iFIX Studio – Demo Videos & Project History Details

Demo/Help Videos – “Proficy Learning”

- > Simply select “Demo Videos” in the drop-down menu
- > Local off-line videos demonstrating the newest capabilities
- > Can add to the video list manually
- > See how to use iFIX Studio, even offline



The screenshot shows the iFIX Studio web application. At the top, there's a navigation bar with a dropdown menu currently set to 'Projects'. A red box highlights the 'History' option in this menu. Below the menu, there's a 'Projects' table with columns: PROJECT NAME, SCV FILE NAME, SECURITY, LAST UPDATED, PROJECT TYPE, and RUN MODE. The table lists four projects: GENSTN, DefaultProject, SampleSystem, and PUMPSTN1. Below the table, there's a 'History' section with a table showing a list of operations. The table has columns: TIME, USER, OPERATION TYPE, DESCRIPTION, USER NAME, PROJECT NAME, RECORD TYPE, and VERSION.

TIME	USER	OPERATION TYPE	DESCRIPTION	USER NAME	PROJECT NAME	RECORD TYPE	VERSION
2026-02-18 08:49:07	ifix_studio_admin	START	Start in UI mode	ifix_studio_admin	DefaultProject	Start in UI mode	1
2026-02-18 09:09:49	ifix_studio_admin	START	Start in UI mode	ifix_studio_admin	DefaultProject	Start in UI mode	1
2026-02-19 13:58:36	ifix_studio_admin	ADD	Project Add	ifix_studio_admin	PUMPSTN1	Project Add	2
2026-02-19 15:44:59	ifix_studio_admin	START	Start in UI mode	ifix_studio_admin	DefaultProject	Start in UI mode	1
2026-02-19 15:47:28	ifix_studio_admin	START	Start in UI mode	ifix_studio_admin	PUMPSTN1	Start in UI mode	1
2026-02-19 16:33:31	ifix_studio_admin	ADD	Project Add	ifix_studio_admin	GENSTN	Project Add	2
2026-02-19 16:38:35	ifix_studio_admin	SAVE	SCADA & Drivers	ifix_studio_admin	GENSTN	SCADA & Drivers	2

Project History Details

- > Simply select “History” in the drop-down menu
- > Tracks history of project changes by user

iFIX 2026 – iFIX Studio – iFIX Information

iFIX Information

- > Simply select “iFIX Information” in the drop-down menu
- > Quick reference for the key details on an iFIX project
- > Tracks iFIX Block Configuration in the project
- > Tracks Alarm Statistics
- > Tracks Alarm History
- > Gives you full visibility into the health and key metrics of your iFIX Server

The screenshot shows the iFIX Studio web interface. At the top, there's a navigation bar with a 'Projects' dropdown menu. Below this, a table lists the projects. The 'DefaultProject' is selected, and its details are shown in the main area. The 'iFIX Information' section is highlighted with a red box in the top right corner of the main area. Below this, there are several panels: 'iFIX Block Configuration', 'Alarm Statistics', and 'Alarm History'.

PROJECT NAME	PUBLISH STATUS	SCU FILE NAME	SECURITY	LAST UPDATED	PROJECT TYPE	RUN MODE	
DefaultProject		FIX	Enabled	4/15/2026, 12:19 PM	SCADA	Running	*** OPEN

Total: 1

▼ SEE MORE

Install Path: C:\Program Files (x86)\Proficy\iFIX
Security Enabled: Yes

ACL Enabled: No
Number of Users: 2

Network Enabled: Yes
Number of Groups: 4

iFIX Block Configuration

Database Name: DATABASE
I/O Count: 0

BLOCK TYPE	USED	ALLOCATED
AI	0	0
AO	0	0
DI	0	0

Database Size: 0
Serial Number: 304518269

Alarm Statistics

NAME	CPU SIZE	SIZE	REALLOC	PEAK	CURR	PUTS
SAC_ALM_Q	1000	1000	0	0	0	—
SUMMARY_	10000	10000	0	0	0	0
SUMMARY_	10000	10000	—	0	0	0
HISTORY	100	100	—	22	22	22

Alarm History

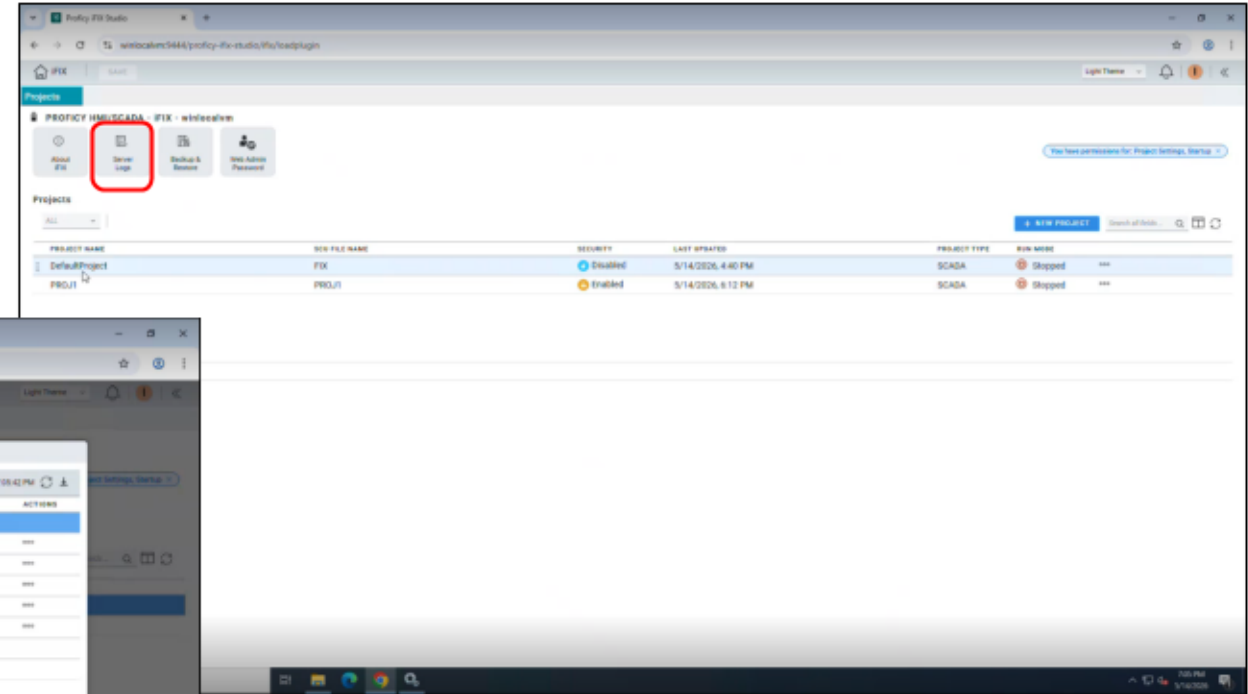
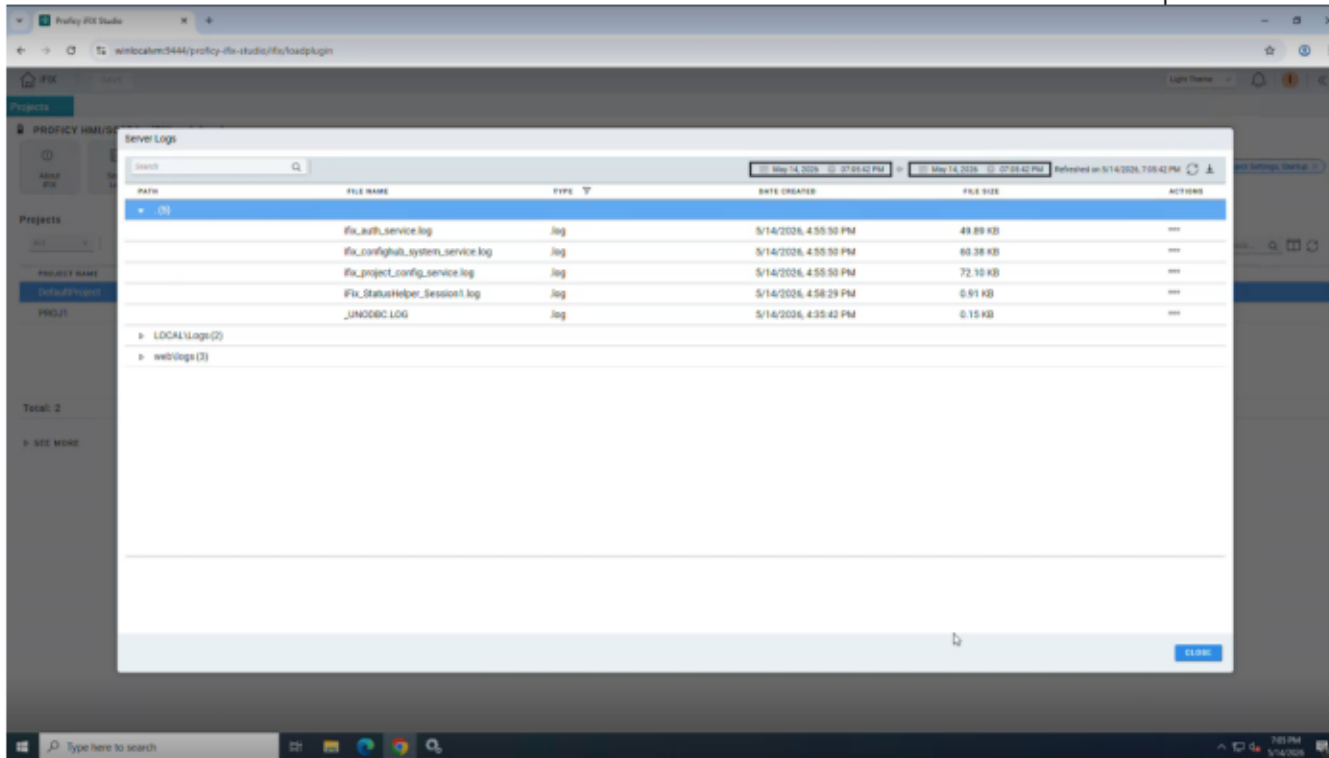
ALARM INFO

- 11:09:58.0 Network interfaces have changed from the time the SCU file was saved. Configure
- 11:10:00.1 Network interfaces have changed from the time the SCU file was saved. Configure
- 11:10:02.6 [iFIX] NAC - Alarm compression enabled
- 11:10:04.5 Model file: DATABASE_MODEL.sqlite was not found in PDB folder on SCADA FIX

iFIX 2026 – iFIX Studio – Server Logs

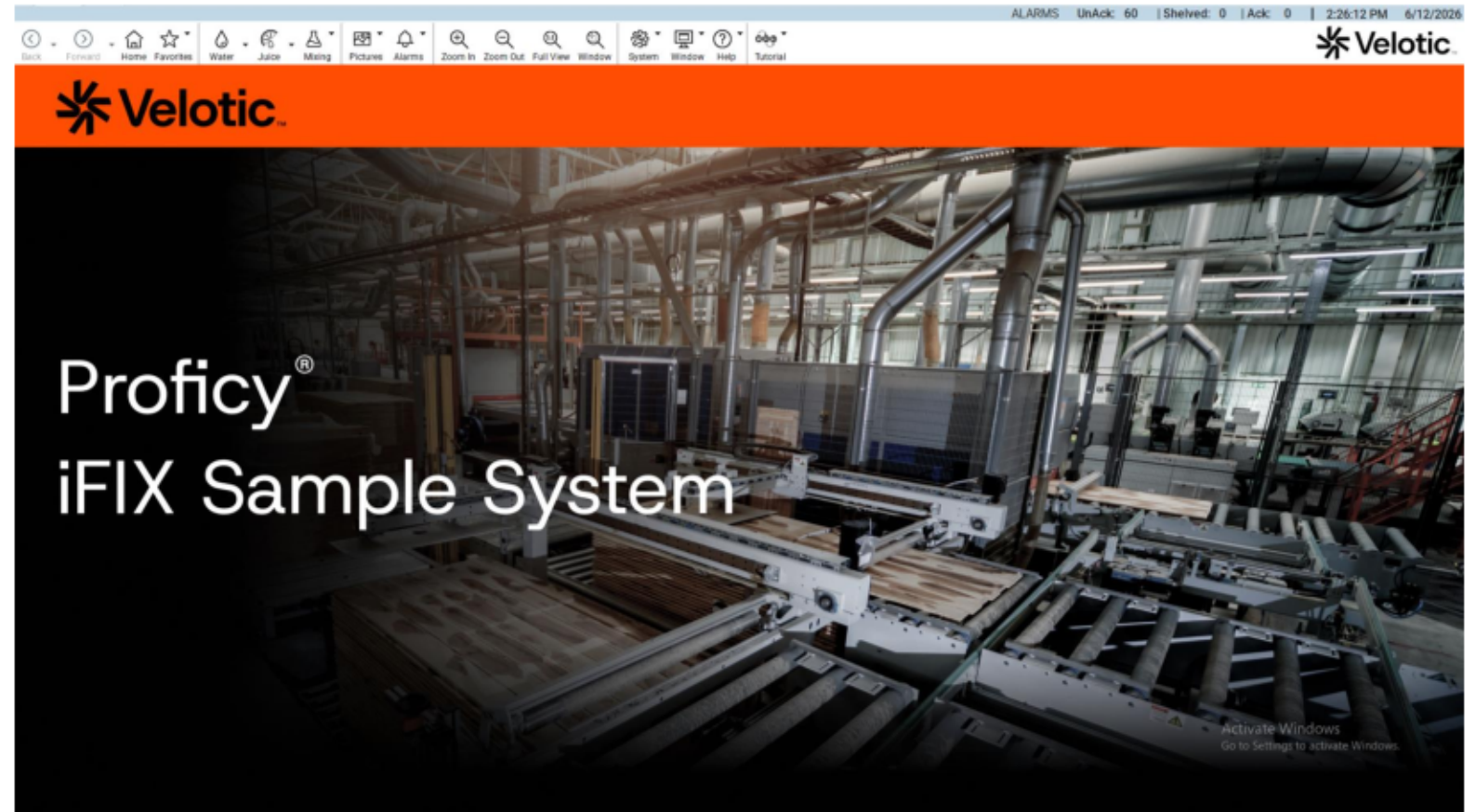
Server Logs

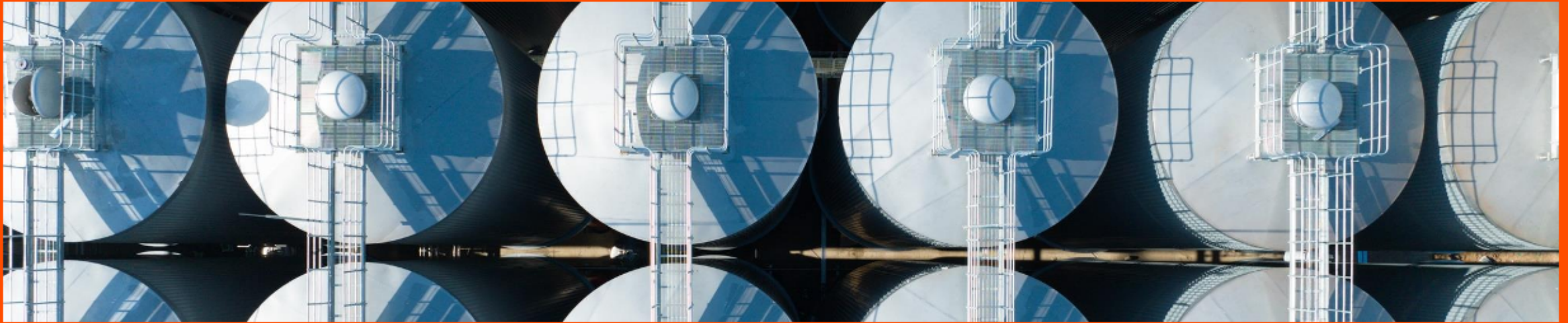
- > Click the Server Logs Button
- > Gain access to all the log files created
- > Export logs



iFIX 2026 – New Sample System

- > Updated to showcase latest iFIX capabilities
- > Development ready code, so engineers can use it to assemble the application quickly
- > New usable Dynamo's





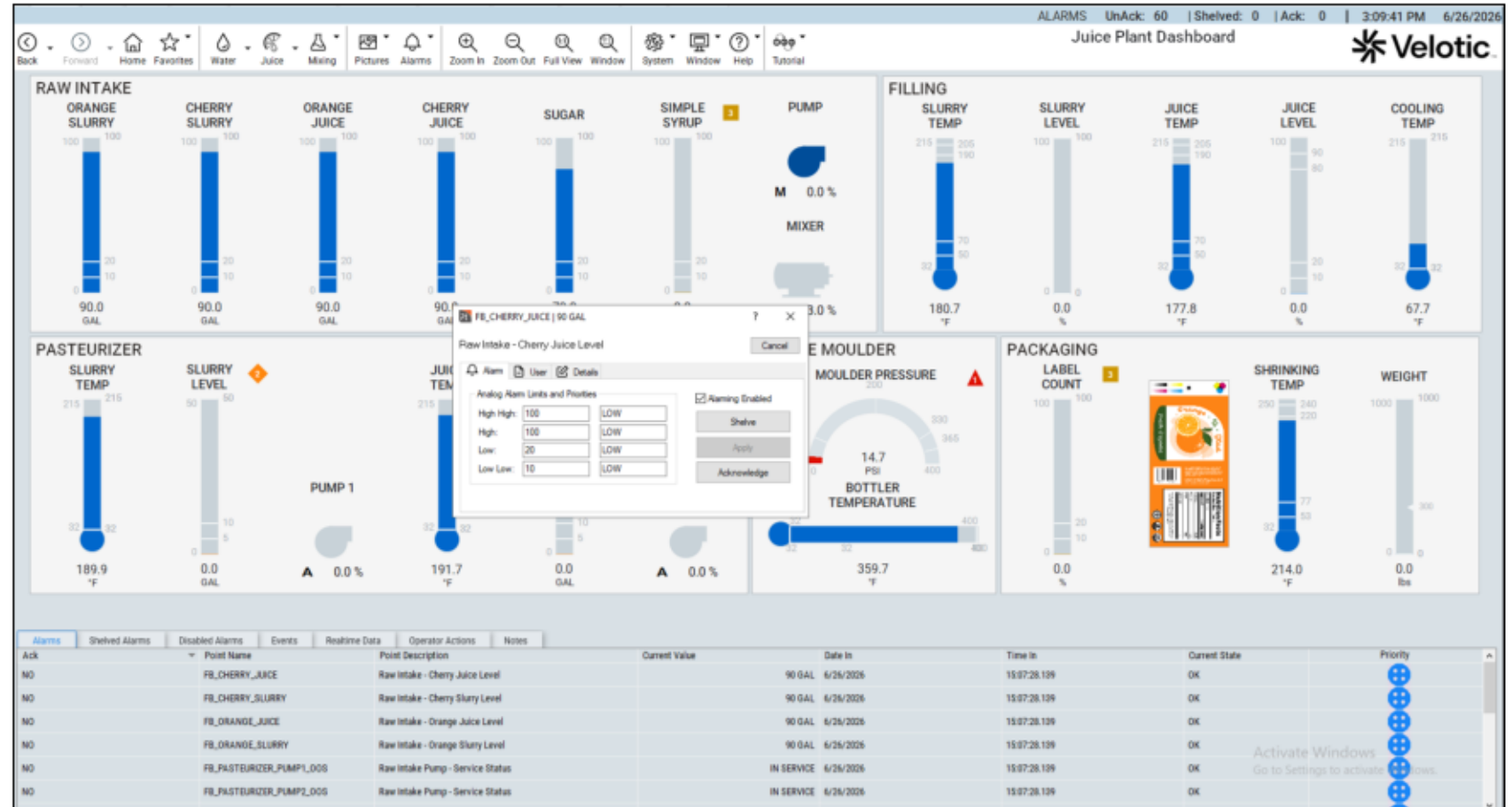
Modernization – Extensibility



iFIX Productivity Tools 2026

A suite of enhancements for iFIX

- > Native iFIX integration
- > Extended iFIX capability
 - Pre-built Menu Navigation
 - Standardized UI/UX
 - Enhanced Operations
 - Event Records / Auditing
 - Data Lists & Reporting
 - Accelerated Application Development



iFIX Productivity Tools 2026 – New Features

New Features

iFIX Integration

Included in iFIX 2026:

- Base Installation
- iFIX Sample System 2026
- iFIX Workspace Menu

HMI Modernization

New Dynamos

Dark & Light Theme

New Icons: Main Menu, Alarm Priorities, Toolbar

Smarter Navigation

New Context-Sensitive Menu

New Secondary Right-Click Menu

Tree Navigation View

Performance & Reliability

Reduced Memory Footprint

Improved Networking

New TS Client Configuration

Secure Notes

Other Roadmap Items

New List Displays

Improved Multi-Monitor Support



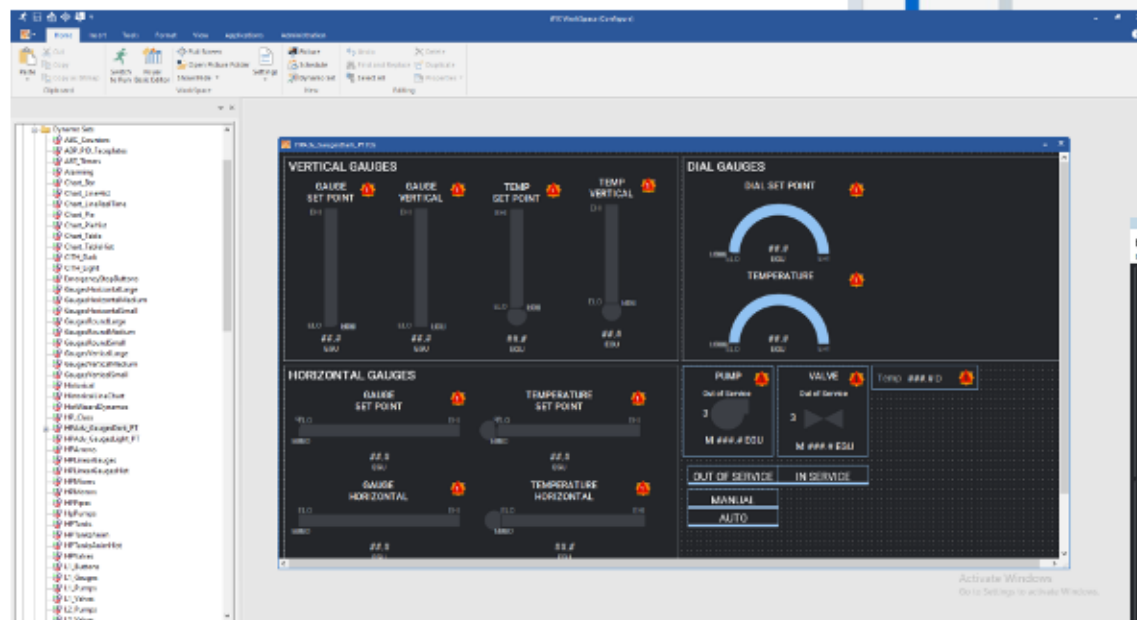
Includes 2024/5 SIM Updates:

- Sub-Menu Enhancements
- List Sorting (3+ levels)
- Open screen from Alarm Summary

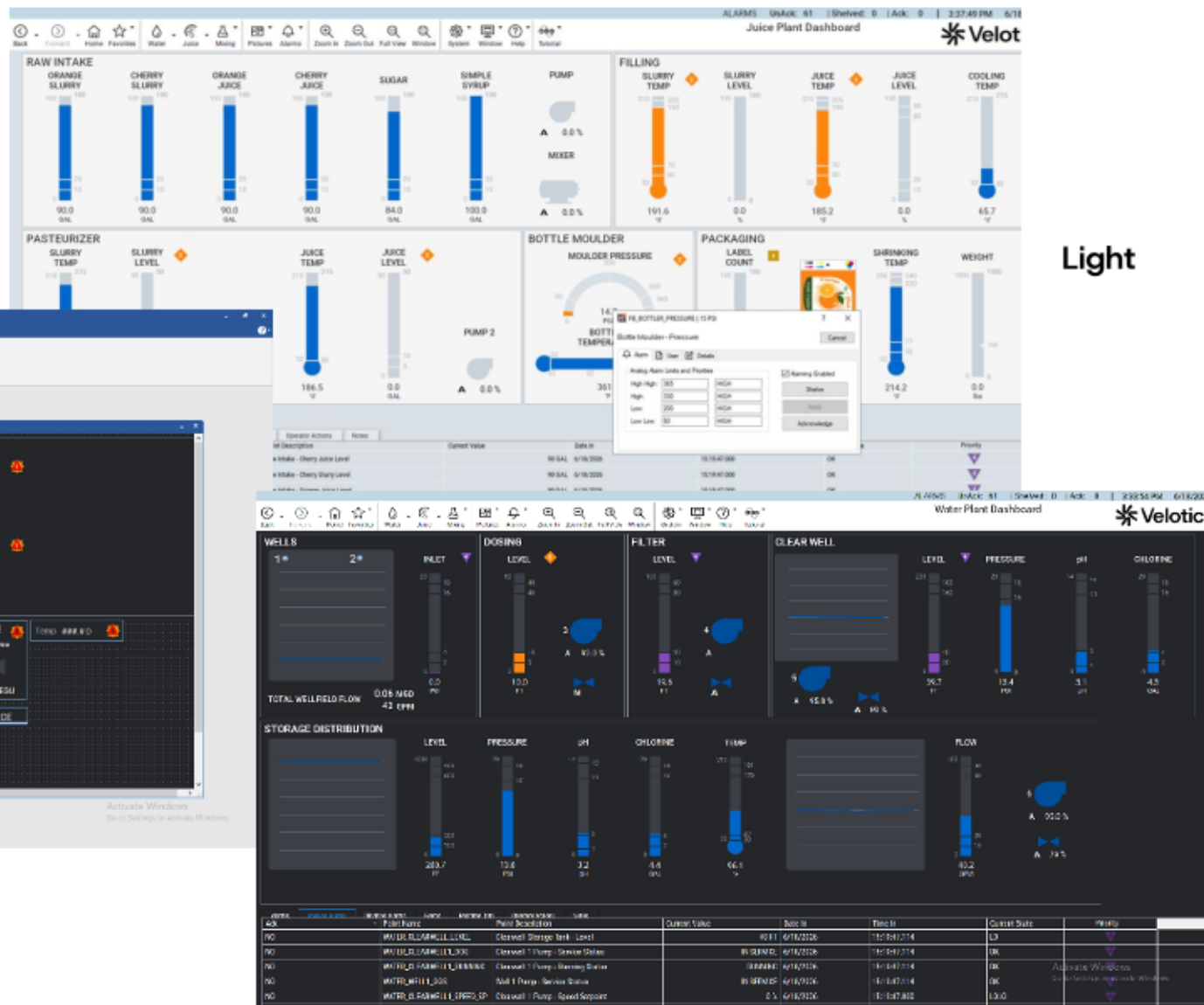
50%↓
Memory Usage

iFIX Productivity Tools 2026 – HMI Modernization

- > New System Themes
- > New Dynamos
- > New Icons / Toolbar
- > Properly modernize your screens in iFIX 2026



Dynamos

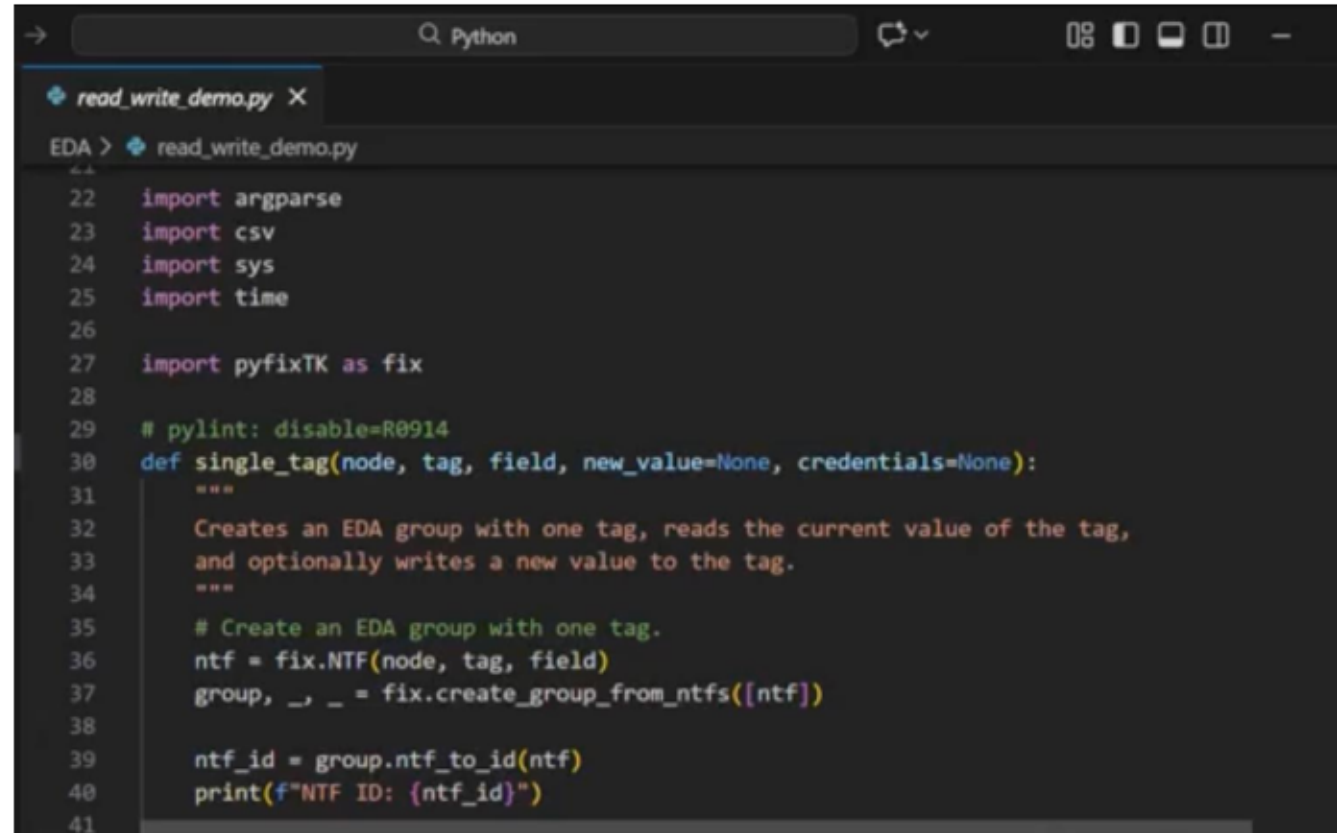


Light

Dark

iFIX 2026 – Python EDA Toolkit Extension

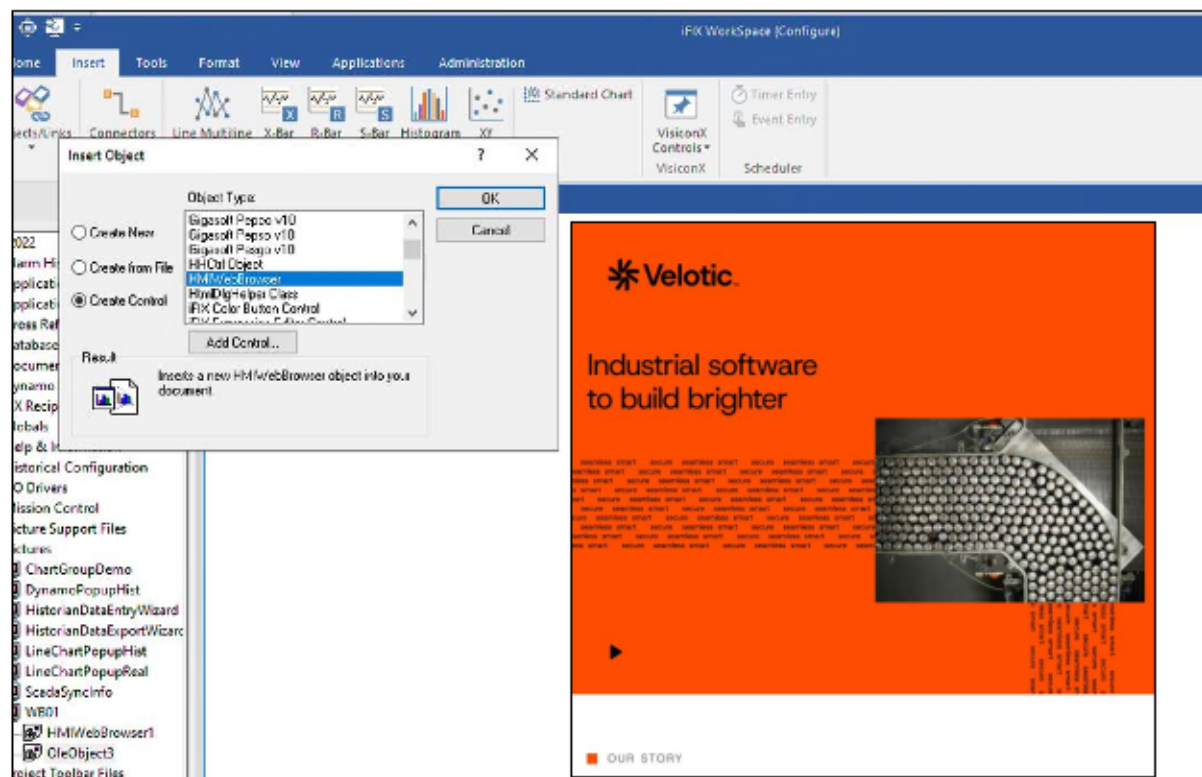
- > Python EDA extension allows Python Scripting to be used for specific actions in relation to information, alarms, read/write capability etc
- > Python EDA allows for IloT applications to interface natively with iFIX SCADA capabilities
- > Sample Demos are included in the EDA Toolkit for helping users get started with some example capabilities

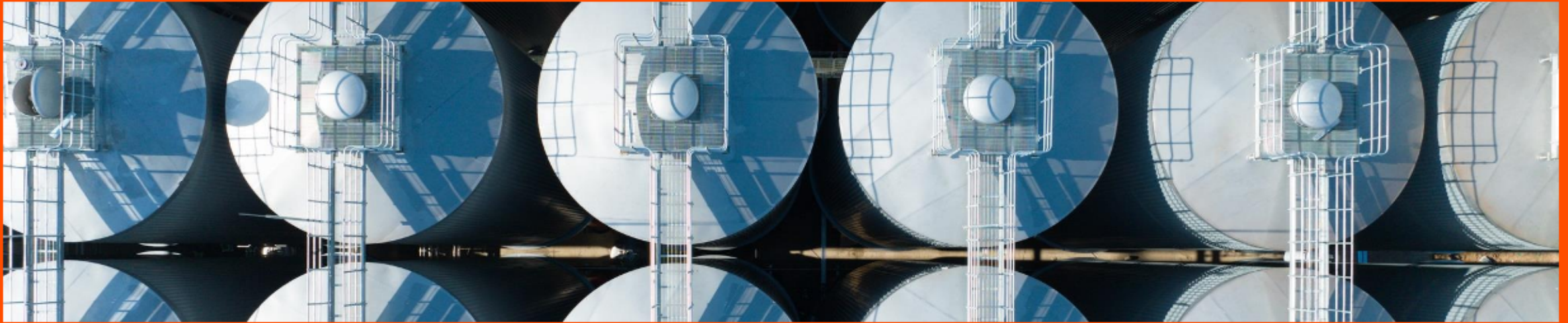


```
→ Python
read_write_demo.py X
EDA > read_write_demo.py
22 import argparse
23 import csv
24 import sys
25 import time
26
27 import pyfixTK as fix
28
29 # pylint: disable=R0914
30 def single_tag(node, tag, field, new_value=None, credentials=None):
31     """
32     Creates an EDA group with one tag, reads the current value of the tag,
33     and optionally writes a new value to the tag.
34     """
35     # Create an EDA group with one tag.
36     ntf = fix.NTF(node, tag, field)
37     group, _ = fix.create_group_from_ntfs([ntf])
38
39     ntf_id = group.ntf_to_id(ntf)
40     print(f"NTF ID: {ntf_id}")
41
```

Replacement for legacy Browser Control

- > **Host HTML 5 content directly in WorkSpace!**
- > Invoke Operations Hub screens into iFIX or specific widgets like Trend and Alarm Cards
- > Pass parameters via control to provide context to HTML5 content





Performance



iFIX Picture Open Performance – Further Enhancement

- > Takes the capability of iFIX 2024 with the General_002 SIM and brings it **native** to iFIX 2026
- > Adds **further enhancement** when pairing iFIX 2026 SCADA nodes with iFIX 2026 Clients as iFIX 2026 Clients are **faster** than previous versions of iClients

iFIX Picture Open Performance Update

- Aiming at significant improvement over 2022 / 2023
- Sub 1 second Picture Open times
- Worked with several Channel and Customer use cases / real projects for development efforts and testing
- iFIX 5.5 identified as “The Benchmark” for iFIX Picture Open Performance
- With the SIM, iFIX 2024 is the **fastest** iFIX has ever been in Picture Open Performance

*****Available in SIM for iFIX 2024*****
(iFIX2024_General_002)

iFIX Sample System Test Results

			Chemical		Discrete		Pharma		Water	
iFIX Version	iFIX Startup Time	Gain / Delay	Picture	Gain / Delay	Picture	Gain / Delay	Picture	Gain / Delay	Picture	Gain / Delay
➡ 5.5	16.7	---	1.09	---	1.17	---	0.95	---	1.18	---
2023	20.21	21%	1.20	10%	1.34	15%	0.97	2%	1.20	2%
2024	19.93	19%	1.23	13%	1.38	18%	1.01	6%	1.22	3%
➡ iFIX 2024_General_002	16.6	1%	0.70	36%	0.81	31%	0.65	32%	0.78	34%

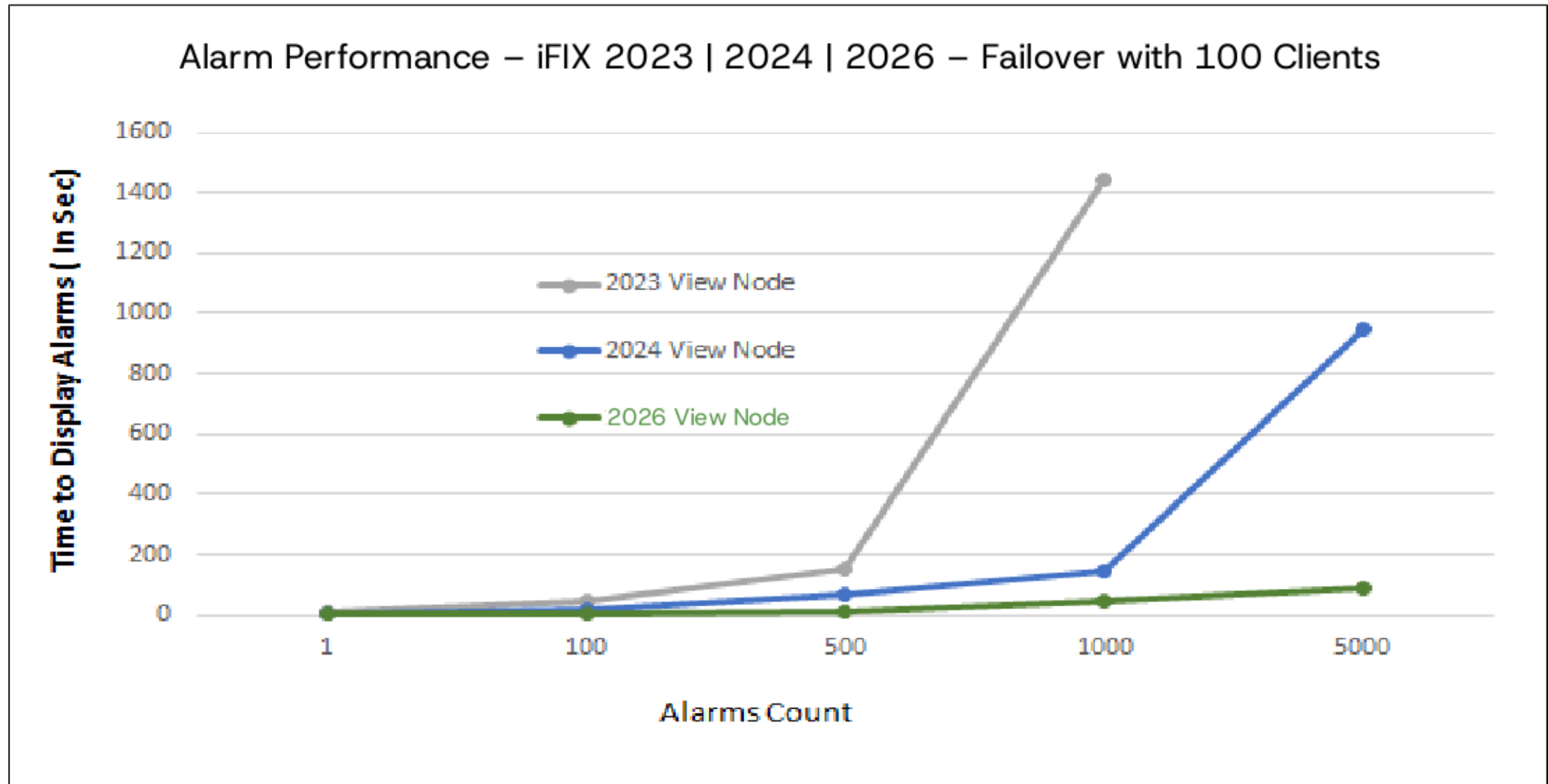
Data Path Separation

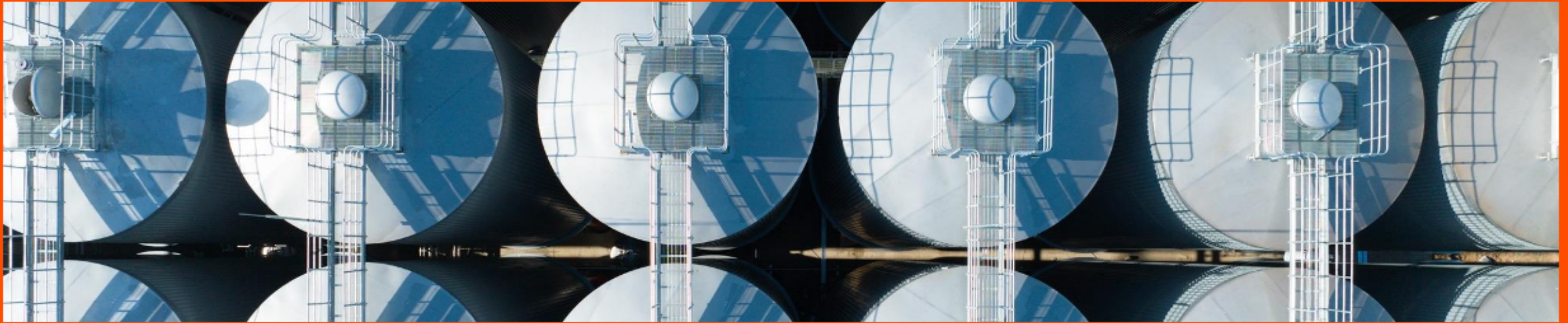
Improved Performance at Scale

- > Separate Network Path for Alarms and another for Data
- > TCPTASK was the bottleneck for network throughput, so we increased the flow
- > Created a duplicate “TCPTASK” that is dedicated for data that uses a different port (DBASRV)
- > TCPTASK dedicated for alarms. DBASRV dedicated for data.
- > **Massive** improvements at scale!

Alarm Count	iFIX 2024 Base (no SIM)	iFIX 2026 (10 Clients)	iFIX 2026 (100 Clients)
1,000	145 s	22 s	43 s
5,000	945 s	37 s	86 s
10,000	1,950 s	67 s	156 s

Data Path Separation





Upgrade Path



iFIX Development Timeline (20+ Years)

X.X

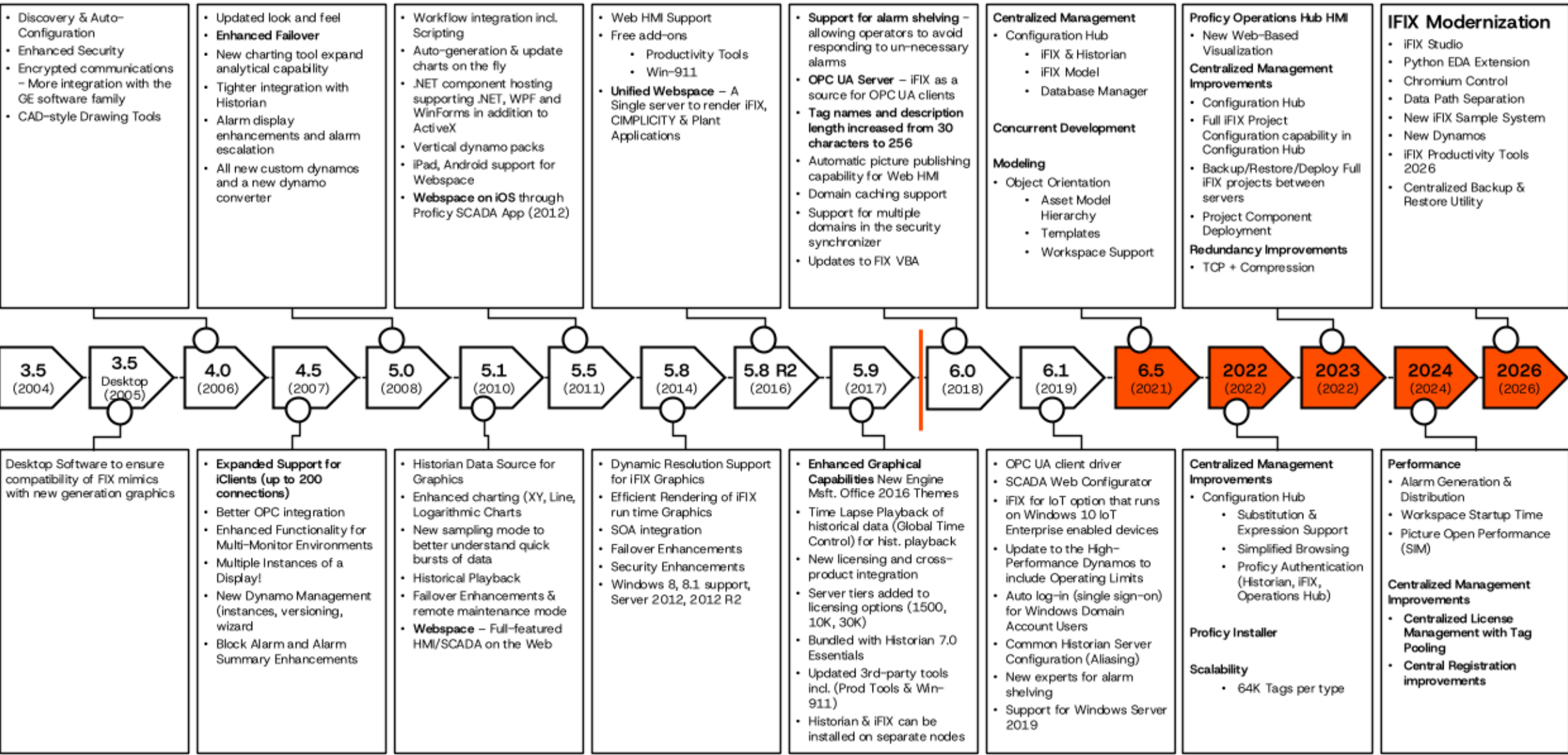
= Not Supported Version

X.X

= Actively Supported Version

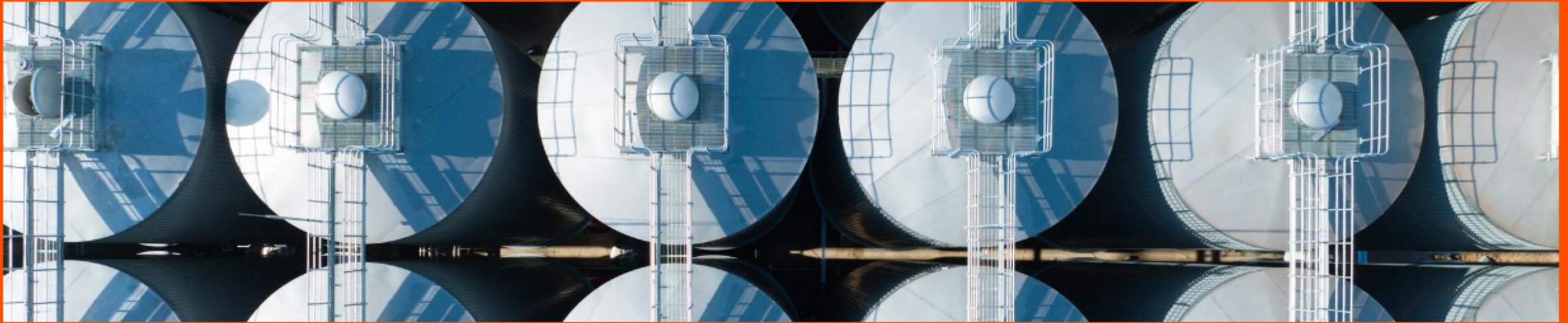
|

= Long Tag Names Implemented



Impact of iFIX Changes from v5.8 to v2024

Type of Change	iFIX 5.8 R2	iFIX 5.9	iFIX 6.0	iFIX 6.1	iFIX 6.5	iFIX 2022	iFIX 2023	iFIX 2024
Core Capability		Anti Aliasing introduced in Graphics (Must be manually enabled for each picture)	Long tag names & Descriptions	Workspace Thread safety improvements		Increase to 65534 Blocks of each type in Database	Increased Alarm Summary Queue size (Clean Install)	iFIX Network Alarm Performance improvements
Base Technology		Microsoft VBA SDK 7.1.1096				Visual Studio 2019 Compiler Upgrade		
New Capabilities	<ul style="list-style-type: none"> Web HMI support Productivity tools Add-On 	<ul style="list-style-type: none"> Historian Essential v7.0 packaged with iFIX Update of Ribbon Bar Look & Feel 	<ul style="list-style-type: none"> Alarm Shelving consistent with ISA 18.2 New Alarm counters added to VBA in support of Shelving iFIX SCADA as OPC UA Server Multi Domain support for Security Domain caching for iFIX Security iFIX Toolkit Updates to support Long tag names and Descriptions 	<ul style="list-style-type: none"> OPC UA Client Driver for iFIX Common Historian configuration across all User Accounts Auto-Login for Windows Users 	<ul style="list-style-type: none"> Configuration Hub – Database Manager Configuration Hub – Model based configuration of Database Optional install of Windows Access Control Layer with iFIX High Performance HMI Sample System 	<ul style="list-style-type: none"> Introduction of the Integrated Installer Support of Proficy Authentication with iFIX Security Supported for Nested Domain in Security Synchronizer Configuration Hub – One place to administer iFIX and Historian 	<ul style="list-style-type: none"> TCP/IP option in iFIX Failover Project Configuration and Deployment via Configuration Hub MQTT to OPC UA Bridge Backup & Restore Utility Changes to accept old Backup files for import Access Control Update to restrict non default Picture folders WebSpace 6.2 support Operations Hub HMI 	<ul style="list-style-type: none"> Security Area Grouping in Database Tags Alarm Shelving Counters Central Registration of iFIX into Configuration Hub Central License Management with Tag pooling
Supported OS / Database	<ul style="list-style-type: none"> Win 10 / 8.1 / 7 / Vista Win Server 2012 / 2012 R2 / 2008 / 2008 R2 / 2008 R1 	<ul style="list-style-type: none"> Win Server 2012 R2 / 2016 Win Embedded Standard 7 SP1 Win 10 / 8.1 / 7 	<ul style="list-style-type: none"> Win Server 2012 R2 / 2016 / 2019 Win10 / 8.1 / 7 	<ul style="list-style-type: none"> Win Server 2012 R2 / 2016 / 2019 Win10 / 8.1 / 7 	<ul style="list-style-type: none"> Win Server 2012 R2 / 2016 / 2019 Win10 / 8.1 	<ul style="list-style-type: none"> Win10, Win10 IOT Ent. LTSC, Win11, Win Server 2016 / 2019 / 2022 	<ul style="list-style-type: none"> Win 10, Win 10 IoT Ent. LTSC, Win11, Win Server 2019 / 2022 	<ul style="list-style-type: none"> Win 10, Win 10 IoT Ent. LTSC, Win 11, Win Server 2019 / 2022



Proficy CIMPLICITY 2026



Proficiency CIMPLICITY 2026

Redundancy / Performance Improvements	Model Import/Export	Active Update	Alarm Enhancements	Portfolio Support
<ul style="list-style-type: none"> • Improve Viewer performance by maintaining redundant processes on the Active Server when secondary server comes online. • Provide router direct port configuration for more stable Redundant communications. • Provide an alternative to UDP broadcast for Client Server and Redundant project identification <ul style="list-style-type: none"> • Reduction in IT configuration time for cross-network communication • Multi-Project Redundancy - Run multiple redundant CIMPLICITY projects on one server w/ one or more backup servers • Saved Point Storage performance improvement 	<ul style="list-style-type: none"> • Support Import / Export of CIMPLICITY Classes and Objects in human readable format. • Support Import / Export between CIMPLICITY and the Enterprise Model 	<ul style="list-style-type: none"> • Support for the ability to Update, Test and Deploy a parallel CIMPLICITY project in a production system with updated OS, Version, Configuration. • Provide the ability easily and safely switch a Test server with a Production Server when ready • Provide the ability to “roll back” to the original system if issues are encountered. 	<ul style="list-style-type: none"> • Enhanced and added support for managing alarms in CIMPLICITY Script API from BCL, .NET and Python scripts. <ul style="list-style-type: none"> • Updated AlarmGenerate function to include custom alarm attributes and ability to not generate duplicate alarms • Bulk Alarm Updates – Bulk update to multiple alarms via filters. • Filtered Alarm Enumeration via Scripting API • Alarm Shelving 	<ul style="list-style-type: none"> • Enhanced aggregating Alarm Viewer and Alarm Service. • Top voted Ideas Portal Idea – Ability to trigger a write unavailable points to a file for troubleshooting. • Alarm Analytic Templates w/ free OOTB CSense license • Configuration Hub support for CIMPLICITY Viewers and CIMPLICITY Options settings.

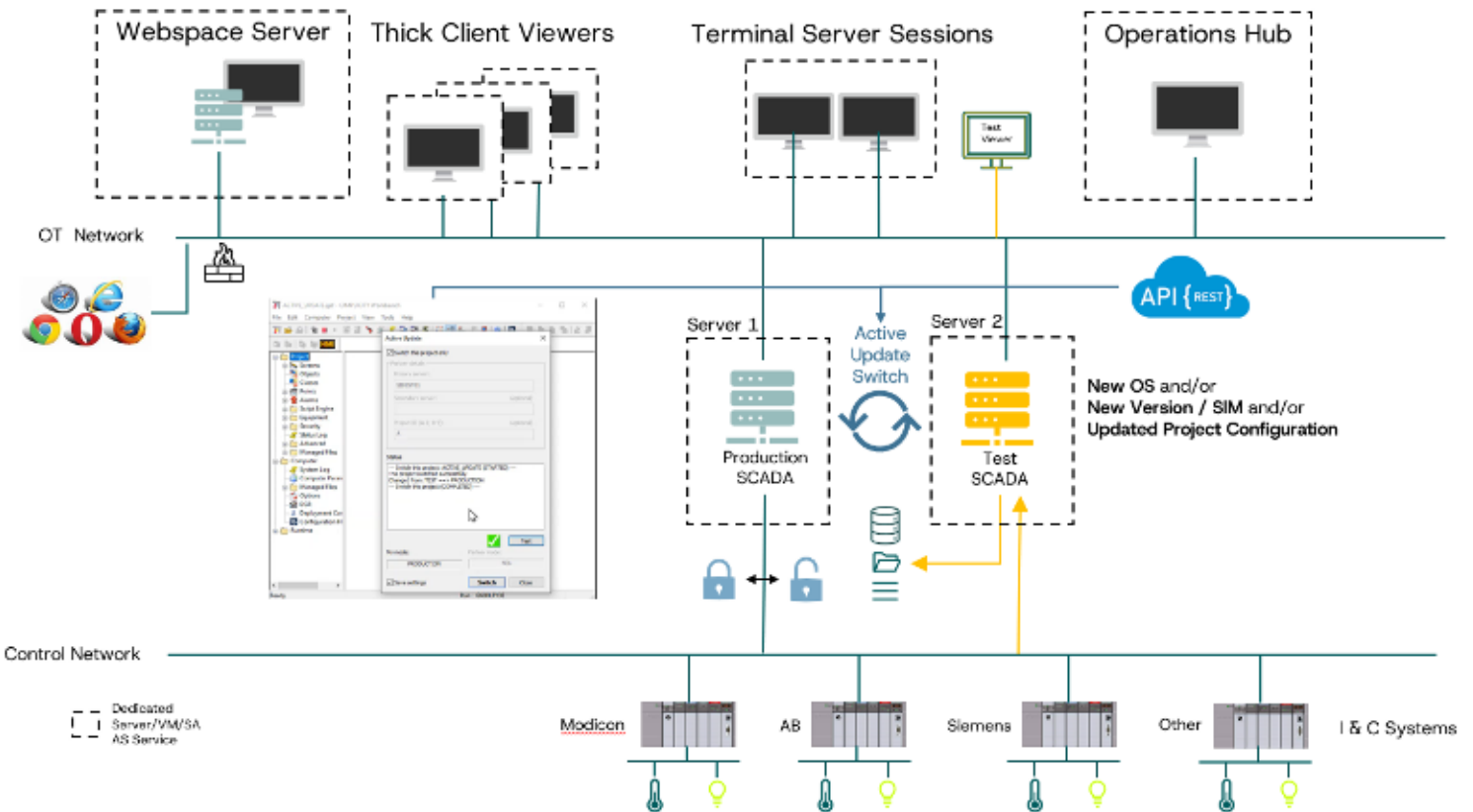


Zero Downtime

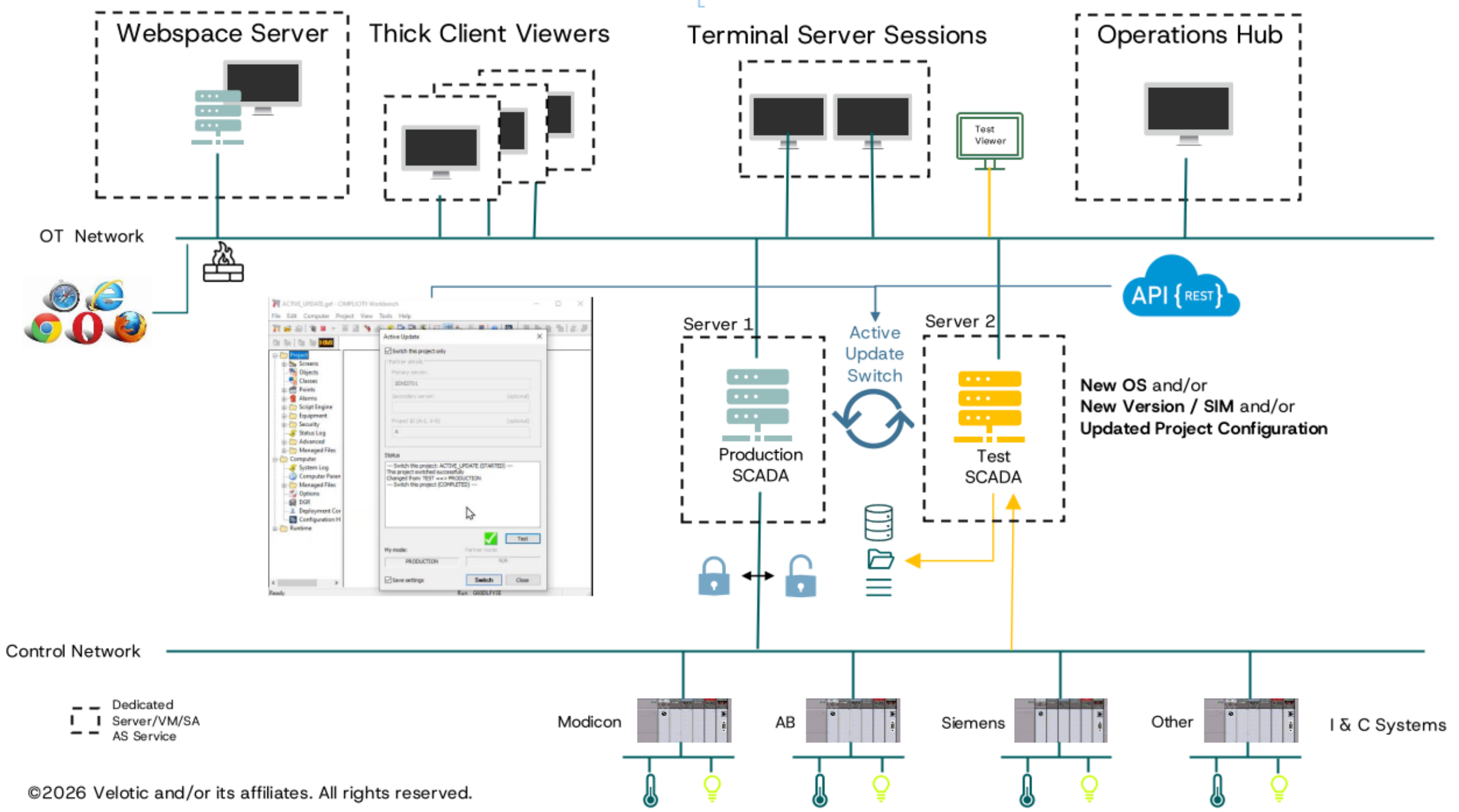
CIMPLICITY 2026 – Active Update

Test and Deploy updates to your system or project with little to no downtime

- > Operating System (OS) upgrades
- > CIMPLICITY Version upgrades
 - > Software Patches
 - > Major Project Changes



INTERNAL

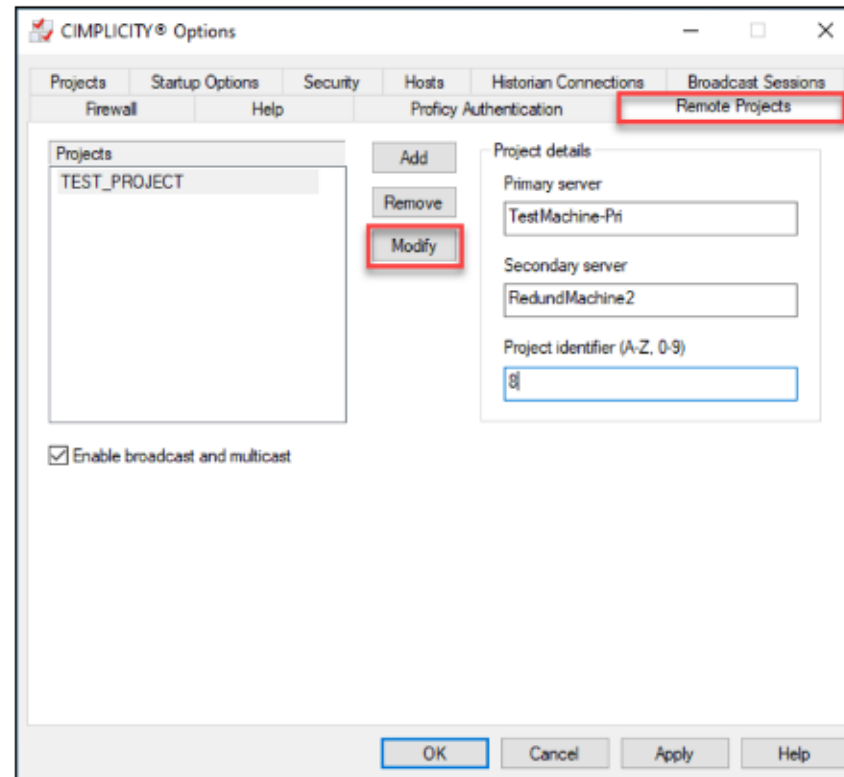
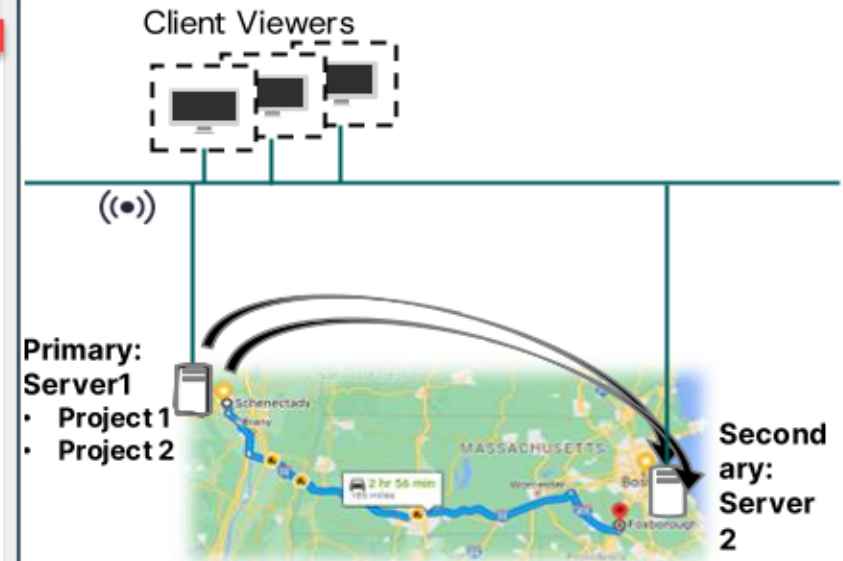




Enhanced networking & Redundancy

Alternative to Broadcast & Multi-Project Redundancy

- Easily setup and configure reliable and performant network connections to SCADA servers across sub-domains and locations for remote HMI viewers including seamless operations during failovers **without requiring UDP Broadcast**.
- Run **multiple CIMPLICITY Redundant Projects** on the Same Server saving hardware setup, costs and maintenance.





Alarming

CIMPLICITY 2026 – Alarm Shelving

Provide relief to your operators in high alarm rate or maintenance situations by providing ISA 18.2 standard **Alarm Shelving** capability.

- Timed Shelving – alarms return to active after specified timeout
- One Shot Shelving – Alarm Occurrence shelved for duration of alarm state.
- Unshelve – Manually un-shelve when ready
- Filter for Shelved Alarms
- Shelved Alarm Counters

Plant Alarms

Date	Time	Alarm ID	Ack	State	Message
Jan 22	11:58	SamplePoint	N	ALARM	SamplePoint
Jan 23	12:07	MixerValue	N	ALARM	Mixer Motor too hot

Timed Shelf

☒ Shelve end time

3/18/2026 11:25:08 AM

☐ Shelving duration

Short	30	minutes
Medium	8	hours
Long	1	day

Maximum duration: 3 days

OK Cancel

CIMPLICITY 2026 – New Alarm Script Functions

AlarmGenerateEx

- Additional parameters including all 10 custom alarm fields
- Parameter to detect existing alarms and avoid duplication

```

1 using System; using System.Collections.Generic; using Proficy.CIMPLICITY;
2
3 public class GeneratorAlarmEx {
4     public void Main() {
5         bool bCreate = true; //bCreate = false;
6
7         if (bCreate) {
8             DateTime dt = new DateTime(2025, 12, 1, 6, 30, 0);
9             Cimplicity.AlarmGenerateEx("DEMO_PROJ", "CA_ALM_SAMPLE", "SFTM_FR", "OnceMeend", dt, false);
10            Cimplicity.AlarmGenerateEx("DEMO_PROJ", "SRTX_LINK_DOWN", "SSYSTEM", "csAG Test", dt, false);
11            Cimplicity.AlarmGenerateEx("DEMO_PROJ", "SRTX_LINK_DOWN", "SFTM_FR", "csAG Test", dt, false);
12            Cimplicity.AlarmGenerateEx("DEMO_PROJ", "AMSI_ALARM", "SSYSTEM", "csAG Test", dt, false);
13            Cimplicity.AlarmGenerateEx("DEMO_PROJ", "SPRINTER_DOWN", "SSYSTEM", "csAG Test", dt, false);
14        }
15        else {
16            // ...
17        }
18    }
19 }

```

AlarmUpdateByFilter

- Added ability to apply alarm updates like Acknowledge to a set of alarms based on an existing or in memory generated filter.

```

* Time Filter
* =====
Sub Main()
    * Create Alarm Filter Setup Object
    Dim project$ : project = "DEMO_PROJ" * Creates Project
    Dim setup As New CimAlarmSetupFilter * Creates Alarm Filter Setup

    *Dim class_filtr(0 To 1) As String
    *class_filtr(0) = "HIGH"
    *setup.SetClassFilterArray class_filtr

    * Time/State filter
    Dim ts As New CimTimeStateFilter
    setup.UseTimeFilter = True * if true, Time filter enabled else disabled (Default)
    ts.StartTime = #2025/12/1 5:30M

    ts.IncludeUnacknowledgedAlarms = True * if true, Filters alarms with state AM_GENERATED
    ts.IncludeAcknowledgedAlarms = True * if true, Filters alarms with state AM_ACKNOWLEDGED
    ts.IncludeReturnToNormalUnacknowledged = True * if true, Filters alarms with state AM_RESET/AM_CLEARED
    Set setup.TimeStateFilter = ts

    * Execute: acknowledge matching alarms
    AlarmUpdateByFilter "DEMO_PROJ", setup, AM_ACKNOWLEDGED
End Sub

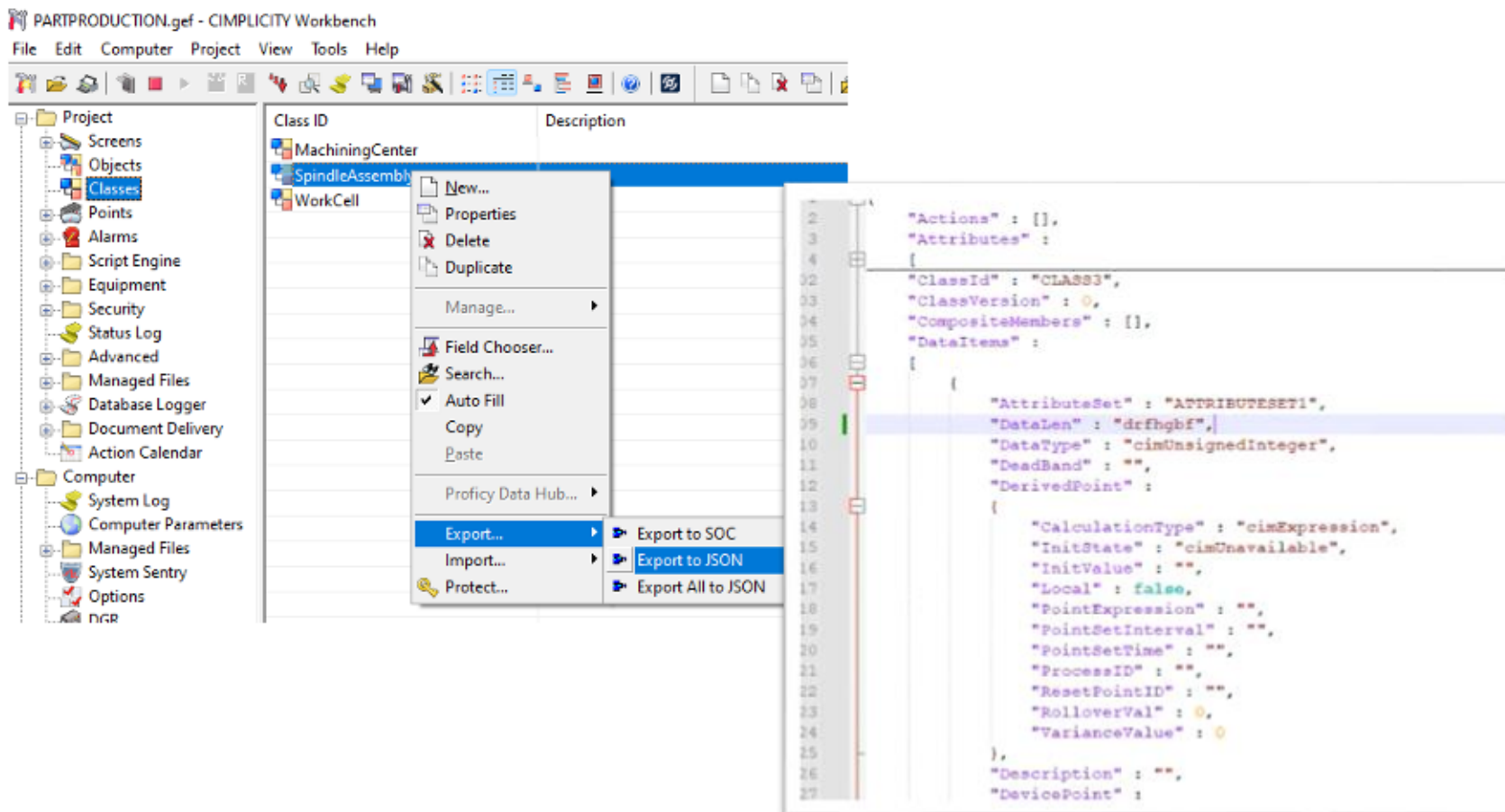
```



JSON Model Import/Export

Model Import/Export in Human Readable format

- > Human readable exchange format (JSON) available in Workbench export/import for easy integration with existing Source Control. Provides foundation for future integration with Enterprise Model

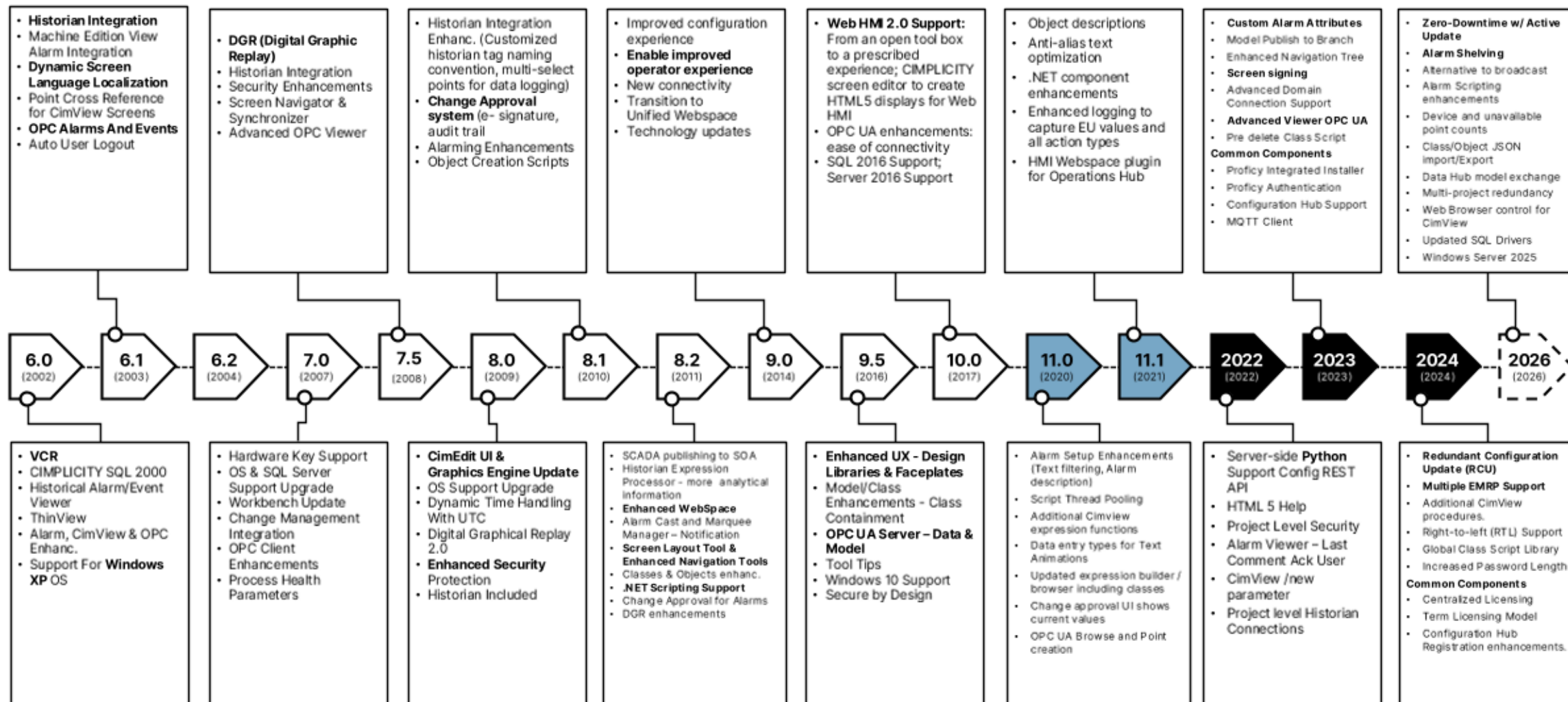


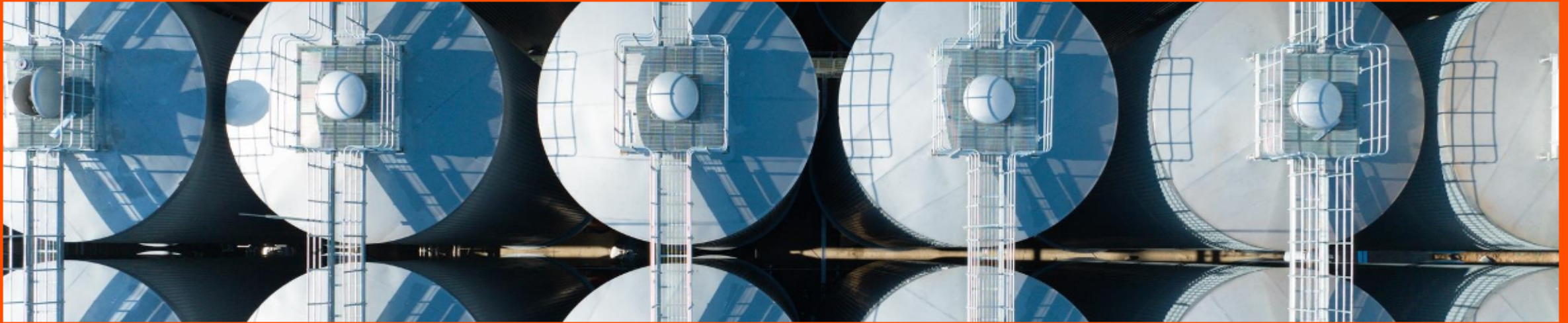
CIMPLICITY Development Timeline (20 Years)

x.x = Not Supported Version

x.x = Maintenance Supported Version

x.x = Actively Supported Version





Smart SCADA with SCADA Ultimate



Proficy SCADA Ultimate flexible licensing

- > A bundled subscription-only offering of SCADA, Historian, Operations Hub, and CSense providing a **complete Smart SCADA Solution**
- > Bundle is scaled with a common pricing metric: number of tags
- > Total system includes defined set of HMI clients/viewers based on system size (can be Operations Hub or HMI/SCADA clients)
- > Built on top of the Proficy HMI/SCADA Tag and Client pooling pricing model



Benefits

- > Allocate where needed: visualization, data, analytics

- > Reassign them anytime, no need to renegotiate licenses or engage support

- > One subscription, clear costs

- > No relicensing, no hidden complexity

Flexible licensing model

> Assign tags across Proficy Products

- > Proficy SCADA (CIMPLICITY or iFIX)
- > Proficy Historian
- > Proficy CSense

> Visualization

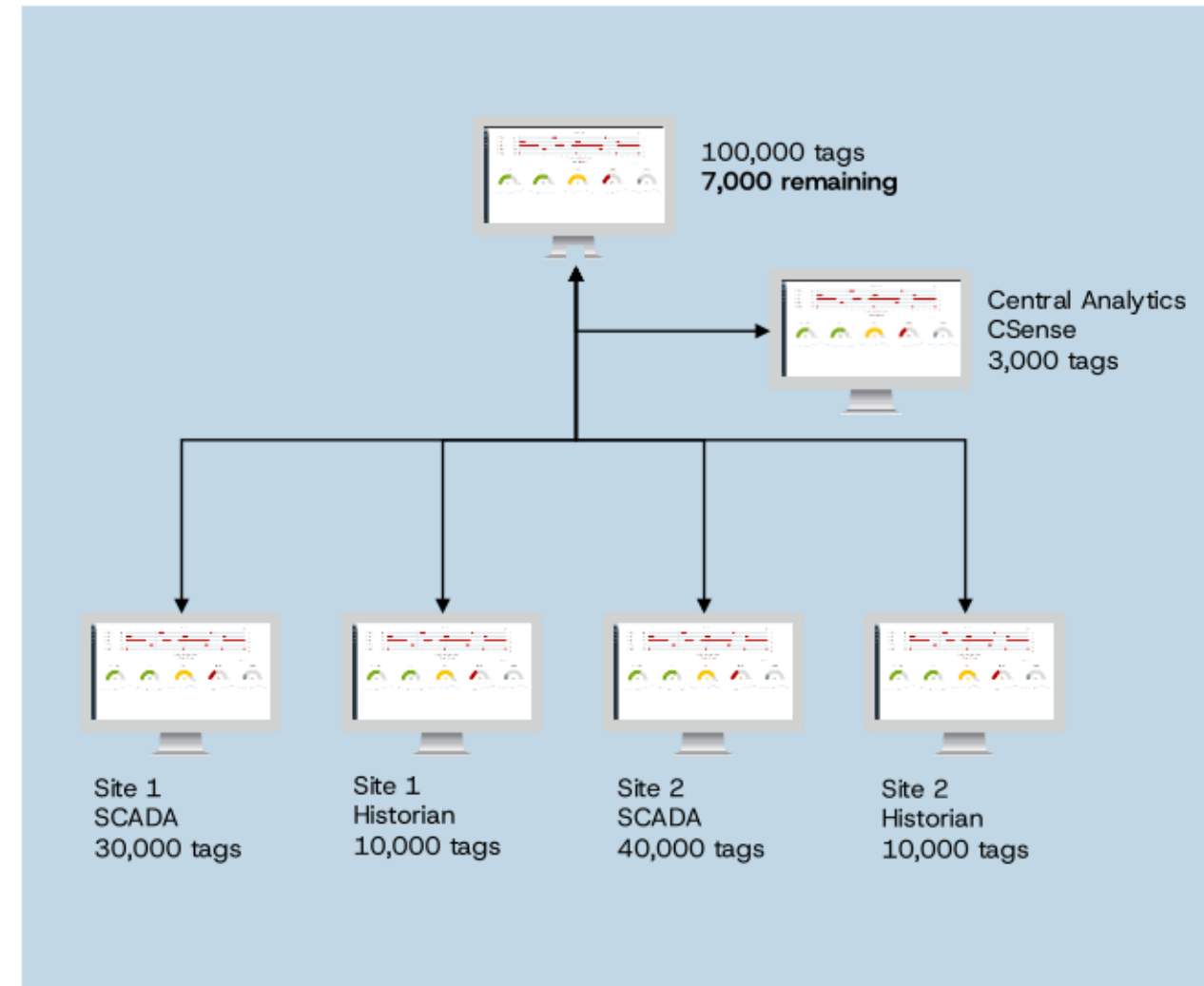
- > Include Proficy Operations Hub Ultimate, Thick Clients (iClient or CIMView), Webpace and TS clients based on system size, 1 per 2500 tags
- > You can allocate clients to any of the visualization types
- > Option to purchase more clients as needed

Starting point is 10,000 tags

Tags can be deployed to any of the products listed leveraging the central license management to deploy

> Subscription Only

- > Available in increments of 1,000 tags
- > Price per tag decreases with volume



2026 Additions to SCADA Ultimate

Alarm Cast (SeQent) for Proficy SCADA

- > Alarm notification to a variety of mobile devices
- > Supports multiple protocols including SMTP, SMS, ODBC, UPC and more.
- > Routes messages based on user roles
- > STANDARD license included with all SCADA Ultimate base licenses
- > ENTERPRISE license also available

Dream Report for Proficy

- > A professional Designer-Friendly™ reporting software for industrial automation





04 What is next for Proficiency?



THE CLIMB THAT CREATES VALUE

From a system that reports to one that reasons



Most industrial AI on the market stops at rung one — description with a chat box attached.

Maturity and scope move independently. A single line can be prescriptive long before the enterprise is even descriptive.

SCADA – Modernize to NextGen

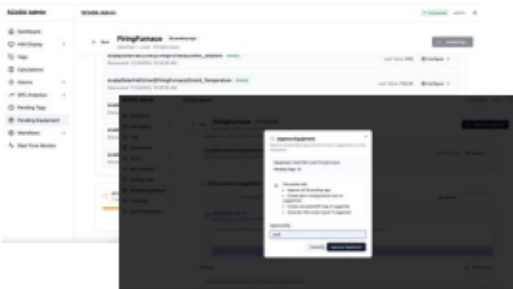
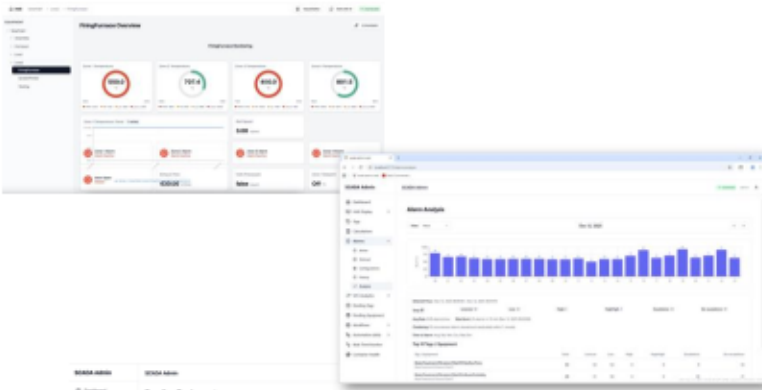
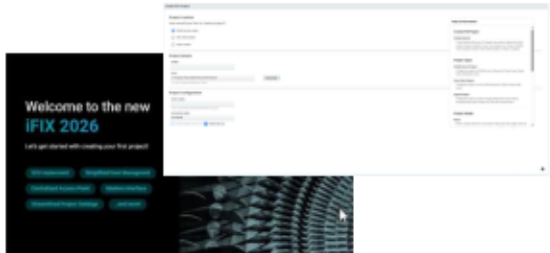
AI for SCADA

AI based UI Dev
Zero install
config/dev

Advanced Alarming
Rapid guided
Application dev

Backup/Restore
Disaster Recovery
LLM plugins

Zero install deployment
In built workflows



Modern, Integrated, Quick Start

64 bit Scale, Modern UI

Model based, MCP Server

Native Cloud SCADA

Simplified Install & Config
New Sample System
iFIX Productivity Tools Integration
Python EDA
Chromium Control

64 bit iFIX
HTML5 UI
AI enabled configuration

UNS
Centralized Deployments
LLM integration

Containerized Zero Install
Node cloning
Zero Downtime Upgrades

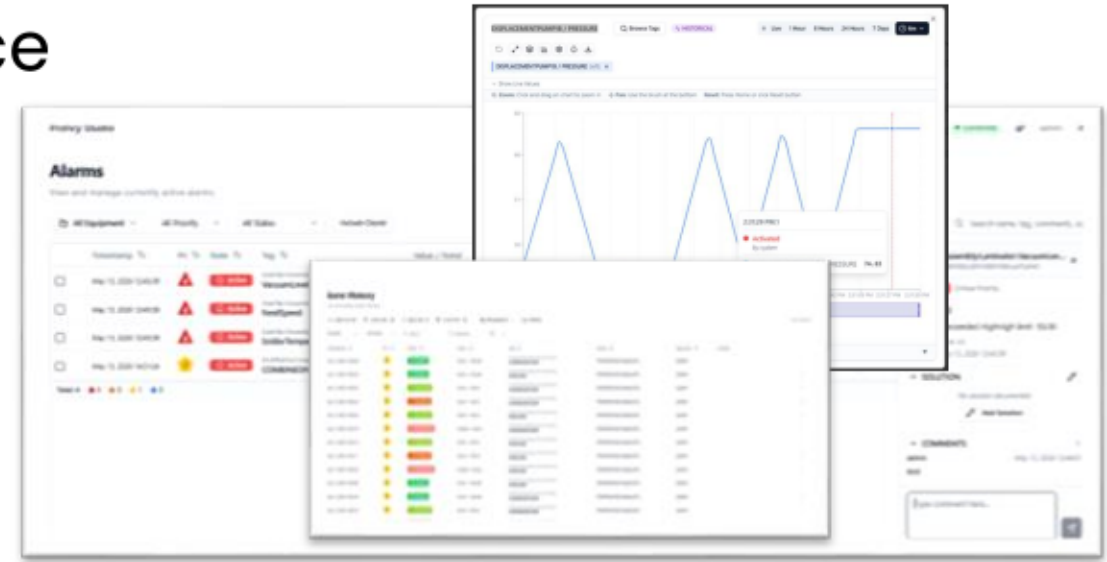
2026

2027

AI based Advisory Alarm Experience

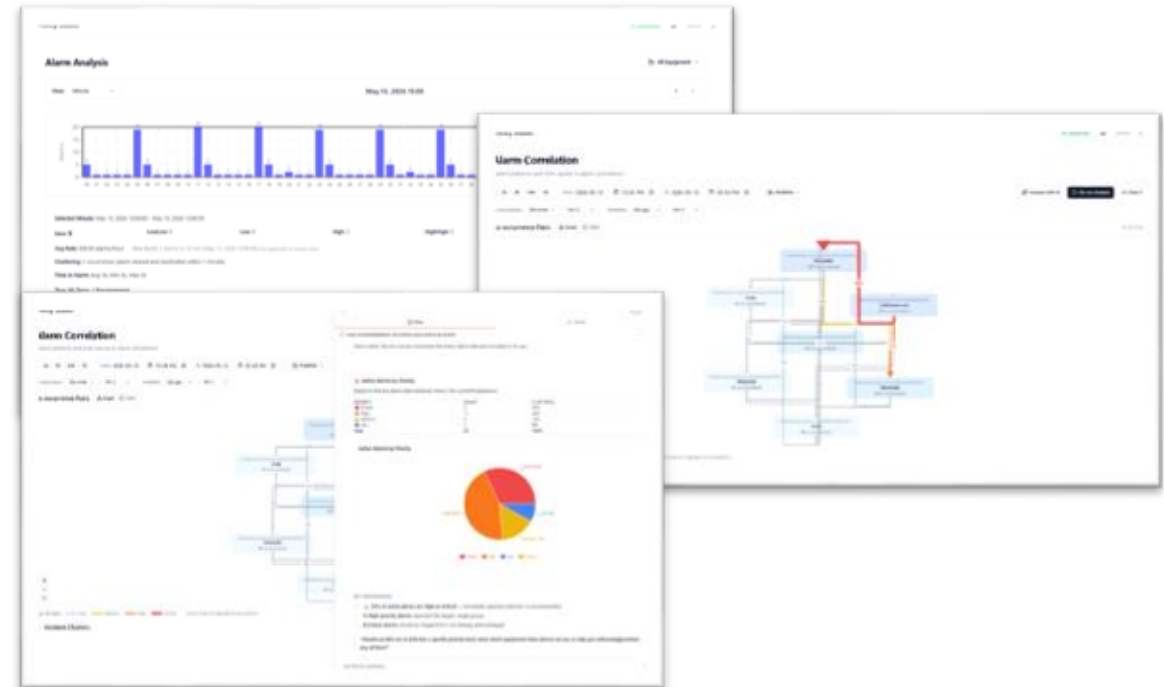
powered by Velo AI

ISA 18.2 compliant Analytical Alarm Viewer
with integrated Alarm History and Trend
overlays



Alarm analysis with Root Cause correlations

AI Alarm Advisor – Chat with my Alarm System



Intended value delivered with AI based Advisory Alarm experience

Operator Persona

Identify patterns and root causes faster
Faster enablement for newer Operators to respond accurately
Reduce errors, inconsistencies and non-productive time spent on alarms

Analyst/Operations Persona

Identify source of operational inefficiencies faster
Correlate Operations output with anomalies
Eliminate root causes to improve overall system efficiency

Engineer Persona

Identify system improvement areas
Deliver operational improvement solutions faster
Scale solution across multiple areas quickly

Impact Metrics

- > Improved safety
- > Better compliance
- > Reduced cost of maintenance
- > Improved overall operational throughput
- > Improved quality
- > Reduced worker fatigue
- > Faster enablement for newer workforce

