

June 24, 2022



Solution Provider
GE Digital

Manufacturing | Digital Plant

GE Digital Partner Ecosystem | 2022 Solution Provider Program Evolution



Agenda

Welcome & Message from Leadership	Paul Epperson , Vice President, Global Chief Commercial Officer - Manufacturing
New Solution Provider Program Strategy	Tim Ogden , Sr. Director, Solution Provider Program- Partner Ecosystem
Solution Development & Support Resources	Eric Mellyn , Customer Advocacy Team Member
Enterprise Support & Customer Success	Paul Adams , Sr Services Manager - Customer Success Management
Training, Certification & Competency	Mike Nagy , Director – Education Services
Program Marketing Resources	Bret Hunter , Sr. Director - Field & Channel Marketing
Proficiency Strategic Focus & Roadmap	Prasad Pai , Director - Product Management
Wrap Up	All

Safe Harbor Disclaimer

The information presented is intended to be an outline of general product/program direction and it should not be relied on in making a purchasing decision. The information on the roadmap is for information purposes only and may not be incorporated into any contract and is not a commitment, promise or legal obligation to deliver any material, code, or functionality. The development, release, and timing of any features or functionality described for our products remains at our sole discretion.

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Welcome and Opening Remarks

Paul Epperson

Vice President, Global Chief Commercial Officer - Manufacturing

Leadership Message to Systems Integrators

Richard Kenedi, General Manager of Manufacturing & Digital Plant



New Solution Provider Strategy & Framework

Tim Ogden

Sr. Director, Solution Provider Program- Partner Ecosystem

2022 Program Strategy

Evolve from a transactional focused program ...
to a relationship driven program that integrates
our SI's into an ecosystem community of SI's,
Reps and GED that acts as one customer team

1. Relationship
2. Competency Development
3. Business Development



**THERE'S A
WAY TO DO IT
BETTER – FIND IT.**

THOMAS A. EDISON

Strategy: Transforming the Program Model ...



Solution Provider
GE Digital

From...

- One size fits all
- Transactional driven
- General Messaging
- Tools and project focus
- Software Vendor

To...

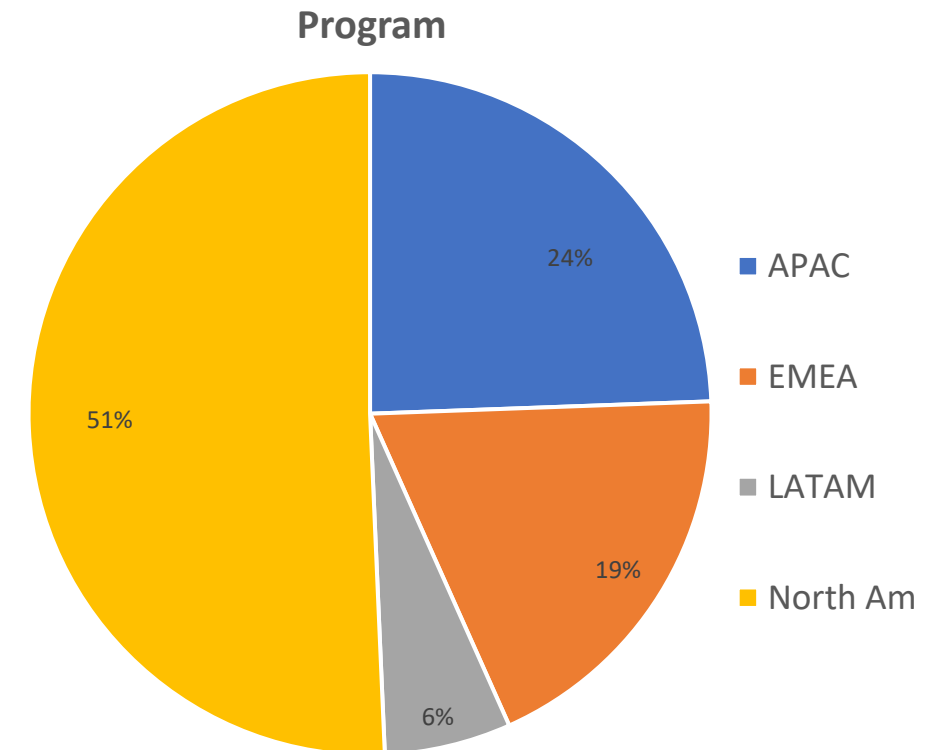
- Multi-tiers with technology segmentation focus
- Relationship and activity driven
- Systems Integrator focused content
- Loyalty, competency and business driven
- Trusted Advisor

2022 Solution Provider Program – Global Baseline

- 1000+ Solution Providers Globally

Goal ...

1. 100% Participants on Partner Finder
2. 100% Companies Certified & Trained
3. Increased SI Focus
 - *Front Line Support Resources*
 - *Efficient & Timely Product Updates*
 - *Roadmap Visibility & Vision*
 - *Training (Self Paced, Instructor Led, Web)*
 - *Driving Customer Opportunities*



New Framework: 3 Tier Structure, 2 Technology Segments

- Relationship
- Engagement
- Experience
- Sales Impact

Level 3: Solution Provider - Platinum

- Global Reach
- GE is a **primary** vendor
- **Extensive** GE skill set and install base
- GE Trained and **Certified** (portfolio)
- Demonstrated Best practices (CSIA)
- Proven Horizontal/Vertical Domain Expertise
- **Collaborative** business planning
- Proactive demand generation
- \$\$\$ Business Volume

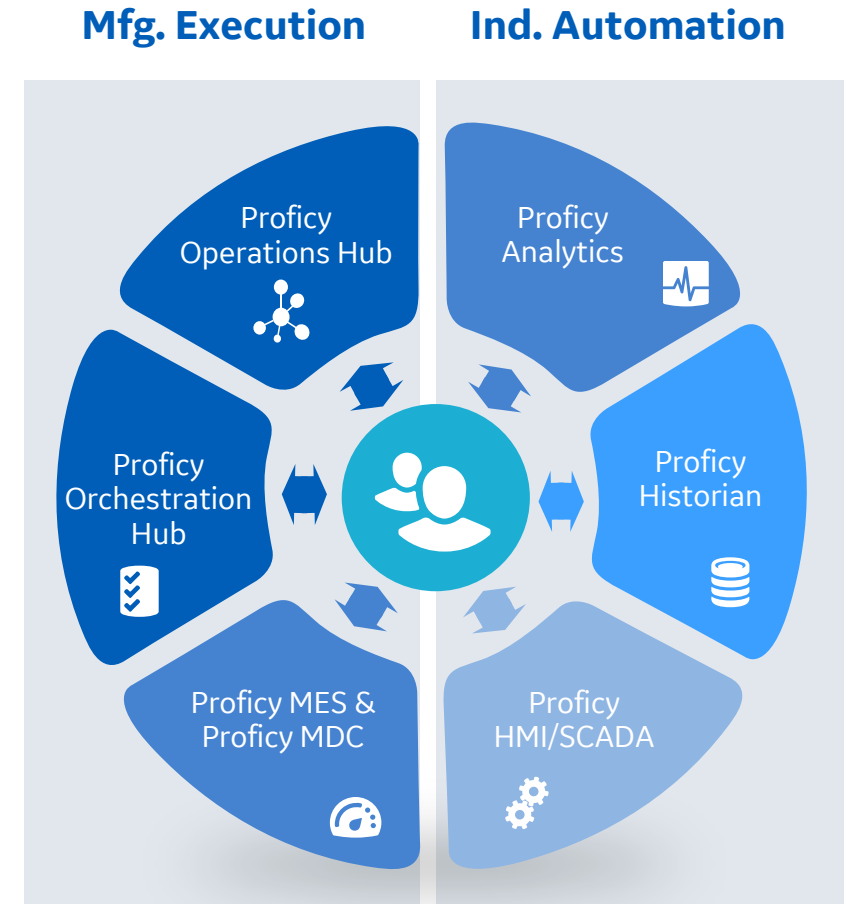
Level 2 : Solution Provider - Gold

- Regional Reach
- GE is a **preferred** vendor
- Significant GE skill set and install base
- GE Trained and **Certified** (product)
- Proven Horizontal/Vertical Domain Expertise
- **Cooperative** business planning
- \$\$ Business Volume

Level 1 : Solution Provider - Member

- They use GE when specified
- Vendor **Neutral** approach to Partnering
- Minimal Projects annually
- May have limited product experience
- \$ Business Volume

Loyalty & Benefits





Solution Provider
GE Digital

Requirements of Solution Provider	Member	Gold	Platinum
Sponsorship from GED authorized representative	Required	Required	Required
Approval from GED Program Management	No	Required	Required
* Relationship & Loyalty Expectation	GED Specified	GED Preferred	GED Primary
Prior GE Digital Customer Experience	None/minimal	10+ Projects	20+ Projects
*Annual Project Activity Expectation	1+	3+	5+
Purchase/Renew SP development License (Includes Software, Support, and Training)	Yes	Yes	Yes
Submitted customer success stories or reference sites	Optional	1	1
* Completion of Segment Certification (See Appendix 2 for details)	1 Engineer	2 Engineers	3 Engineers
* Joint Success and Mutual Action Plan (SMAP) for Business Development, Competency and Sales	Recommended	Required	Required
* Annual Sales Expectation (**Direct or Influenced)	US\$10k Direct US\$20K Influence	US\$50k Direct US\$100K Influence	US\$100k Direct US\$200K Influence

* Project experience is defined by site locations where a Solution Provider has successfully delivered GE Digital Software.

** Influence sales is a project that the solution provider assisted in the sale and/or delivery.

Verification of Technology Skills

Earn recognition for the skills that you have acquired with GE Digital's technology through online Builder and Architect Accreditation certifications.



Builder

Deep knowledge in underlying system technology



Architect

Full domain knowledge in the design of advanced systems

Segment Certification – Aligning SP's With Customer Demand

- Tech segments – Ind. Automation and Mfg. Execution
- SP selects the segment that aligns with their business focus.
- Each exam is approximately 25 questions and individuals are limited to 45minutes to complete.
- Compliance: 120 days of joining the program.

Online Exams	Exam Type	Industrial Automation	Enterprise Execution
iFIX HMI/SCADA or CIMPLICITY HMI/SCADA	Builder	Required	
Proficy Operations Hub for Automation	Builder	Required	
Proficy Operations Hub for Proficy Plant Applications	Builder		Required
Proficy Historian	Builder	Required	Required
Proficy CSense	Builder	Optional	
Proficy Plant Applications	Builder		Required
Proficy Plant Applications – Architect	Architect		Required

Notes

1. Product re-certification may be required for major release updates
2. Members may be excluded from the GE Digital Partner Finder until the certification requirements for the respective program level have been met.

Builder = Knowledge in underlying system technology

Architect = Full domain knowledge in the design of advanced systems





Solution Provider
GE Digital

Benefits to Solution Provider	Member	Gold	Platinum
Solution Development & Support Resources			
Development software & updates (Segment Options in appendix 1)	Yes	Yes	Yes
Technical support, updates, case management, and service packs for in-house SW use and project development	Yes	Yes	Yes
Customer support activity reports	Yes	Yes	Yes
Participation in product advisory groups	No	Yes	Yes
Enterprise support program and resources	No	No	Yes
Competency and Knowledge Resources			
Complimentary access to self-paced eLearning modules & videos	Unlimited users	Unlimited users	Unlimited users
Complimentary instructor-led training (annually)	1 Individual	2 Individuals	3 Individuals
Discount on Instructor-Led Training	15%	25%	25%
Complimentary accreditation program for Automation and Manufacturing Execution	Yes	Yes	Yes
Access to personalized updates and training sessions and access to virtual development resources	No	By Request	Yes
Solution Provider eNews, industry insights, product updates and technical roadmap webinars	Yes	Yes	Yes
Business Development Resources			
Annual Success Planning	Yes	Yes	Yes
Dedicated GE Relationship Manager	No	No	Yes
Customer Demo License Program	Yes	Yes	Yes
Discounts on GE Digital software license for resale	*Up to 10%	*Up to 15%	*Up to 15%
Access to GE Digital Partner Community Portal (Marketing collateral, Industry and product Info)	Via Rep	Yes	Yes
GE Digital partner logo usage & authorized Solution Provider plaque/certificate	Yes	Yes	Yes
Listing on GE Digital Partner Locator web page	Limited	Yes	Yes
Customer engagement assistance with GED product and commercial teams	Via Rep	Yes	Yes

- Solution Development & Support Resources
- Competency & Knowledge Resources
- Business Development Resources

* Changes

Summary of Operational Changes

- Key Player Opportunity Assignment (Q1)
- Success & Mutual Action Planning – SMAP (Q1)
- Online Application & Partner Finder Profile(Q2)
- Customer Partner Finder UI/UX Update (Q3)
 - *Program Level*
 - *Technology Segment*
 - *Product Certification*
 - *Industry Experience*
 - *Facility Proximity*
 - *Regional Focus*



Solution Development & Support Resources

Eric Mellyn

Customer Advocacy Team Member

Solution Development & Technical Support Resources: Eric Mellyn

Your SP Licenses are covered by Acceleration Plan Contract that includes:

- Phone and web support
- Quick response time (30 min for critical)
- Access to extensive Knowledge base
- Maintenance upgrades for SP licenses
- Test environment keys

AP premier also includes training and outcome services which will be described in detail later.

	Benefits to Solution Provider	Member	Gold	Platinum
	Solution Development & Support Resources			
➡	Development software & updates (Segment Options in appendix 1)	Yes	Yes	Yes
➡	Technical support, updates, case management, and service packs for in-house SW use and project development	Yes	Yes	Yes
➡	Customer support activity reports	Yes	Yes	Yes
	Participation in product advisory groups	No	Yes	Yes
	Enterprise support program and resources	No	No	Yes

Solution Development & Technical Support Resources: Eric Mellyn



With AP Premier plan for Solution Providers, you'll get full access to **GED Customer Portal**.

Your go-to for all support!

Here you can:



Access the entire **GED library of knowledge articles** written by product and technical team.

- Solution to common questions
- Risk and security notifications and SIMs



Access to **GED Community**, so you can ask questions and stay up to date with peers and potential customers.



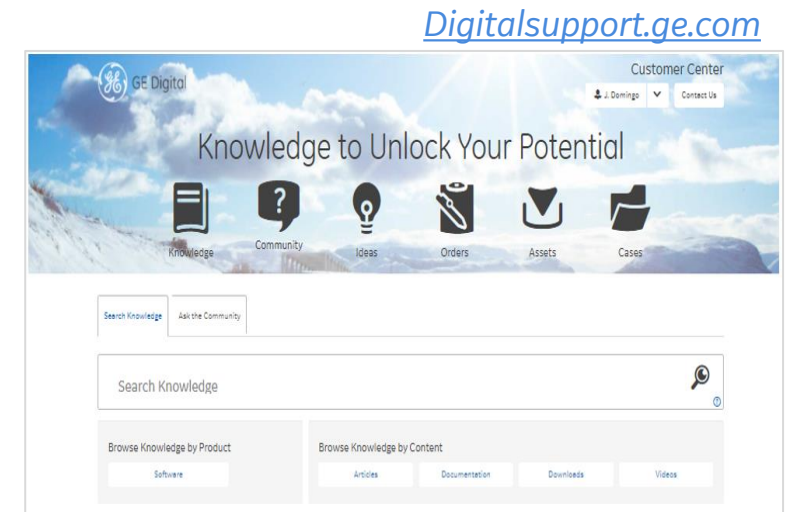
Use **GED Idea portal**, so you can add product and features ideas so the product organization can review and incorporate in their planning.



Manage all your orders in one place so you keep track of serial numbers and product versions.



Request **technical support**, getting direct access to GED technical support team with an average tenure of 10 years and a 93% overall satisfaction rating



Solution Development & Technical Support Resources: Eric Mellyn

A brief tour to the Customer Portal

The screenshot shows the GE Digital Customer Portal interface. Annotations with arrows point to various features:

- Stay up to date with key security & risks updates.** Points to a red-bordered box containing a security notice: "Technical Support Customer Communication. GE Digital is aware of the Log4j security vulnerability (CVE-2021-44228). Our current response can be viewed [here](#)."
- Navigate all knowledge and social content in one place** Points to a navigation bar with tabs: Knowledge, Community, Ideas, Orders, Assets, Cases, Status.
- Manage all your technical and commercial cases in one place** Points to a sub-navigation bar with tabs: All Cases, Technical, Order.
- Open new cases in just a few steps** Points to a blue button labeled "Open New Case".
- Create your own customer support activity reports** Points to a link labeled "Export Case Details".

The main content area displays a table of cases. The first case is highlighted:

Status	Priority	Case	Last Modified
CLOSED	Low	00933367 Test Case Please ignore	03/08/2021

Solution Development & Technical Support Resources: Eric Mellyn

Support Guidelines



Quick response time:

30 min for critical Priority 1 support
Up to a maximum of 1 Business day for low priority cases.



Support Hours of Operation:

Americas	Monday – Friday 8:00 AM – 8:00 PM Eastern Standard Time
Asia Pacific	Monday – Friday 8:30 AM – 5:30 PM China Standard Time
Europe	Monday – Friday 8:00 AM – 6:00 PM Central European Standard Time
Middle East and Africa	Sunday – Thursday 9:00 AM – 6:00 PM Gulf Standard Time



Solution Provider Technical support cases should be limited to SP activations:

The Acceleration Plan agreement provided as part of the Solution Provider Program provides the program member support for ONLY the development systems authorized by the provided SP activations.

Production systems implemented with GE Digital's technology by the Solution Provider requires a separate Customer (End User) Acceleration Plan agreement for access to support. Service Providers calling on behalf of end users of production systems will be required to provide the Customer Service Number (CSN) of the end user to verify the appropriate Acceleration Plan access.

Solution Development & Support Resources

Paul Adams

Sr Services Manager - Customer Success Management

Enterprise Support & Customer Success Team:



- Access to dedicated Customer Success Manager for Platinum Members

Benefits to Solution Provider	Member	Gold	Platinum
Solution Development & Support Resources			
Development software & updates (Segment Options in appendix 1)	Yes	Yes	Yes
Technical support, updates, case management, and service packs for in-house SW use and project development	Yes	Yes	Yes
Customer support activity reports	Yes	Yes	Yes
Participation in product advisory groups	No	Yes	Yes
Enterprise support program and resources	No	No	Yes



CSMs Monitor 5 Key Account Health Categories

1.

Commercial Health

Capable of Growth?

Indicators

Opportunity Pipe
PY Orders
Commercial Case Backlog
Commercial Surveys

2.

Project Health

On-Time/Quality?

Indicators

Project Health

- Time
- Budget
- Scope

Implementation Surveys

3.

Product Health

Desired Capabilities?

Indicators

Engineering Case Backlog
Enhancement Requests
Migration/Upgrade Readiness
Product Surveys

4.

Support Health

Timely Resolution?

Indicators

Non-engineering Case Backlog
Non-engineering Case Age
Support Surveys

5.

Adoption Health

Successful Users?

Indicators

Adoption Readiness
Adoption Enablement
Customer Sentiment
Outcomes Realization
Relationship Surveys

Real-time monitoring to enable proactive outreach and resolution via Success Plans

How CSMs Can Help System Integrators



- Quarterly Governance meetings (Commercial, Support, Product, Project, Adoption)
- GE Guide - Escalation Point
- Escalation/prioritization to Support/RTS
- Access to Product Management for Roadmap Reviews/VOC
- Adoption Considerations – training, governance, communication

Competency & Training Update

Mike Nagy

Director – Education Services

Education @ GE EDGE



Education GE Digital



➤ <https://www.ge.com> > digital > services > education-services

Education Services | GE Digital

GE Digital offers a comprehensive portfolio of security training courses for critical infrastructure and Industrial Control Systems (ICS). Our offerings are developed and delivered by our security experts, people who analyze and implement real-world security solutions. We provide courses on-site and online. Training Course Catalog Resources

➤ <https://www.gedigital-learning.com> > momentum

GE Digital - Education Services

GE Digital - Education Services Digital Industrial Focus Looking for **education** activities for **GE** software solutions? This site provides access to curriculum and certifications for the following industrial software solutions: Asset Performance Management (APM) Proficy CSense Proficy HMI/SCADA Proficy MES Predix Essentials Predix Platform

[Register for an Account](#) · [Courses](#) · [Locations](#) · [Calendar](#) · [Contact Us](#)

Education @ GE

EDGE

1.

- Register for an account
- Expedite requests by including your CSN

2.

- Wait for email confirmation

3.

- Login with your account

4.

- Explore available activities
- Courses, curriculums and badges

Education Services OLT* learning tracks

* online training = self-directed eLearning, video-based training, guides, badges, etc.



All OLT available at no charge for Channel, SPs and OEMs

Links to course titles, summaries and dates can be found in our online catalog, or our online Curriculum Guide

www.gedigital-learning.com

[Proficy Curriculum Guide](#)

[EDGE Catalog](#)

GE Digital										
GE										
PROFICY HISTORIAN LEARNING TRACK										
Course #	Course Title	Course details	Brochure	Price (per seat)	hours	Acceleration Plan	eLearning / Video	Instructor-led	Public	Private
GF5-345 44A728312-345	Historian Fundamentals			\$1,500 USD 15 Credits	16				✓	✓
OL-11233	Getting Smart on Historian – Data Hierarchy			-	0.5	✓	✓			
OL-11234	Getting Smart on Historian – Collectors			-	0.5	✓	✓			
OL-11235	Getting Smart on Historian – Administrator			-	0.5	✓	✓			
OL-10210	Video Series: Data Stores, Simulation and File Collector			-	0.5	✓	✓			
OL-10210	Video Series: Calculation Tags, Interactive SQL & Excel Add In			-	0.5	✓	✓			
OPERATIONS HUB LEARNING TRACK										
Course #	Course Title	Course details	Brochure	Price (per seat)	hours	Acceleration Plan	eLearning / Video	Instructor-led	Public	Private
GF5-455 44A728312-455	Operations Hub Fundamentals			\$1,500 USD 15 Credits	16				✓	✓
OL-11278	Getting Smart on Operations Hub – Administrator			-	0.5	✓	✓			
OL-11292	Getting Smart on Operations Hub – Developer			-	0.5	✓	✓			
OL-11293	Video: Administration			\$100 USD* 1 Credits*	0.5	✓	✓			
OL-11290	Video: Historian Visualization			-	0.5	✓	✓			
OL-11291	Video: MES Visualization			-	0.5	✓	✓			
* no charge with Acceleration Plan contract										
4										

Education Services ILT* schedule

* Instructor-Led Training



Americas, Europe and APAC all have local time-zones represented in our schedule for the 2022 calendar year (and more).

Links to course titles, summaries and dates can be found in our online catalog, or our online Proficy Curriculum Guide

www.gedigital-learning.com

[Proficy Curriculum Guide](#)

[EDGE Catalog](#)

Title	Americas	Asia Pacific	Europe + MENAT
Batch Execution Fundamentals	✓		
CIMPLICITY Fundamentals	✓		✓
Historian Fundamentals	✓	✓	✓
iFIX Fundamentals	✓	✓	✓
iFIX Advanced	✓	✓	✓
Using VBA with iFIX	✓		
Operations Hub Fundamentals	✓		✓
Plant Applications Fundamentals	✓		✓
Plant Applications OEE	✓		✓

Competency & Knowledge – Badge accreditation

Builder Badges cover standard configuration of core product features

How the test works:

- 50 questions
- multiple choice or true/false
- ~25 minute time limit – no pause
- multiple retakes available, with cooling down period in between

Segment requirement = multiple product badges



The image shows a screenshot of the iFIX Builder Solution Provider Badge page. It includes sections for Courses, Badge description, Duration, Delivery, and Who should attend. A laptop displaying the iFIX HMI/SCADA interface is shown on the right.

GE Digital

iFIX Builder

Solution Provider Badge

Courses

- Installation
- iFIX and networking
- System and Project Configuration
- I/O Drivers & OPC Servers Communications
- Tags and Process Database
- Displays and display building
- Navigation tools and strategies
- Scripting
- Alarms
- Real-time and historical trending
- Schedules
- Security
- Troubleshooting & Diagnostics
- Optimization

Badge description

This badge signifies core competency within the iFIX HMI/SCADA solution, based on core product features and functions. The candidates knowledge, skill and practices are assessed in the badge accreditation activities.

With the exception of IO device communications, the Builder badge encompasses topics native to iFIX and does not foray into external systems such as historians, databases, web servers, visualization tools and lab information systems etc.

Who should attend?

This course is designed for solution providers and system integrators who will be developing, configuring and using applications on an iFIX system.

Are there any pre-requisites?

Participants should have a working knowledge of Windows, operating systems and networking. The core competencies assessed in the activities are developed in the following courses:

- iFIX Fundamentals
- iFIX Advanced
- Using VBA with iFIX

Duration

Accreditation: 1 hour
Training: 32-96 hours

Delivery

Accreditation: Online via EDGE
Training: Instructor-led, virtual or onsite

[Link](#)
Click [here](#) for the latest details.

Choose sidebar display

About access:

1. Access is granted to a recognized Solution Provider group
2. Individuals must be members of the group to inherit access
3. Accreditation is tied to the individual

Future: Architect badges will cover integration across Proficy solutions along with extensibility topics.

Online Exams	Exam Type	Industrial Automation	Enterprise Execution
iFIX HMI/SCADA or CIMPLICITY HMI/SCADA	Builder	Required	
Proficy Operations Hub for Automation	Builder	Required	
Proficy Operations Hub for Proficy Plant Applications	Builder		Required
Proficy Historian	Builder	Required	Required
Proficy CSense	Builder	Optional	
Proficy Plant Applications	Builder		Required
Proficy Plant Applications – Architect	Architect		Required

Education Services curriculum – new releases and revisions



Q1 2022			Q2 2022		
January	February	March	April	May	June

Instructor-led Distance Learning

- **CIMPLICITY Advanced - Part I: Networking (March)**

Delivery via Instructor, electronic manuals, hosted training systems, web-conferencing

Online, self-directed learning

MES Learning Track

- Discrete Series: Part 1 - Initial Configuration and Working with Routes
- Discrete Series: Part 2 - Working with Work Orders
- Discrete Series: Part 3 - Working with NCRs, Quality Variables and Time Bookings

Instructor-led Distance Learning

- **iFIX Fundamentals, v.2022 (April)**
- **Plant Applications Fundamentals, v.2022 (May)**
- **Plant Applications OEE Fundamentals, v.2022 (June)**
- **CIMPLICITY Advanced – Part II: Data Transfer & Storage (June)**

Delivery via Instructor, electronic manuals, hosted training systems, web-conferencing

Online, self-directed learning

MES Learning Track

- Getting Smart on Orchestration Hub

Next up:

- Historian Builder Badge
- Operations Hub Builder Badge
- CIMPLICITY Builder Badge

Program Marketing Resources

Bret Hunter

Sr. Director - Field & Channel Marketing

New Solution Provider Value Props On Seismic



Program Guide

Success & Mutual Action Plan (SMAP)

Solution Provider Program from GE Digital

Program Guidelines to Drive Your System Integration Growth

Combine deep domain knowledge & award-winning software for growth

At GE Digital, we see independent systems integrators as a key element in driving the success of Industrial Automation, Digital Transformation and Manufacturing Execution solutions for our mutual customers.

These valued service providers bring industry knowledge, innovation, application knowledge, and GE software expertise that greatly complements our advanced technology. GE Digital's Solution Provider Program reflects our commitment to fostering the best possible working relationship with system integrators and end users of automation software.

Flexibility to meet your needs

Our Solution Provider Program provides the flexibility to address the respective needs of independent system integration firms. Systems integrators and GE Digital mutually define participation in the program based on both technical capability and a desire for commercial alignment.

GE Digital and program members around the world benefit by capitalizing on an increased commitment to strategic users, a closer connection of technology to application, and ultimately, more effective installations.

The capability of any integration firm is based on the skill set and experience of the engineers and technicians it employs. GE Digital provides individuals with access to training programs and accreditation exams that allow for verification of specific skill sets associated with GE Digital's software.

The program's requirements and benefits are structured to address your solution design, specification, testing and development needs. We provide members with economical access to GE Digital development tools.

Getting started

Participation is open to systems integrators that meet the program participation criteria and requirements. Steps for new applicants:

1. Contact your GE Digital representative to review program guidelines, discuss projects or opportunities, and establish mutual expectations.

Updated April 5, 2022

ExcelSolution Provider Success and Mutual Action Plan (SMAP) - Saved

Search (Alt + Q)

FileHomeInsertDrawPage LayoutFormulasDataReviewViewHelpViewing

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SP License & Pricing

Solution Provider License and Price Options from GE Digital

Combine deep Systems Integrator domain knowledge & award-winning software for growth

At GE Digital, we see independent systems integrators as a key element in driving the success of Industrial Automation, Digital Transformation and Manufacturing Execution solutions for our mutual customers. These valued Solution Providers bring industry knowledge, innovation, application knowledge, and GE software expertise that greatly complements our advanced technology. GE Digital's Solution Provider Program reflects our commitment to fostering the best possible working relationship with system integrators and end users of automation software.

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GE Digital and program members benefit by capitalizing on an increased commitment to strategic users, a closer connection of technology to application, and ultimately, more effective installations.

The program's requirements and benefits are structured to address your solution design, specification, testing, and development needs. We provide members access to our development tools, technical support, and incentives. Program benefits will vary based on commitment and program level.

- Planned:
- Certification Identity Standards
 - Program Orientation

Program Data Sheet

Business Development & Recognition: Posters and Plaques



New Solution Provider Community Portal – Seismic



Check out the latest customer reference content

- Metro infrastructure (rail, highways, airports, etc.) - References Deck
- ROB-EX Scheduler references booklet
- De Danske Gaerfabrikker “the Danish Yeast Factories” increased capacity by 15-20%
- China-based conglomerate uses AI
- Data Centers - References Deck
- Skjern Paper story - using the CSense free 6 hours of consulting to jump start AI results
- Our first Proficy Operations Analytics reference story featuring a Major Plastic Film Manufacturer

- Commercial Sales Playbook
- New to Seismic? Start HERE
- GE Digital Brand

- Presentations, Documents , Videos
- Competitive Analysis
- Industry Information & Articles
- Product Information & Tools
- Customer References & Whitepapers

Did you miss a Sales/Channel Webinar?

- Q1 2022 Quarterly Update (March 14) Recording & PPT
- CIMPLICITY 2022 (Dec 13) Recording & PPT
- Proficy Operations Hub 2022 (Dec 6) Recording & PPT
- iFIX 2022 (Dec 1) Recording & PPT
- Proficy Plant Applications 2022 (Nov 29) Recording & PPT
- Proficy Smart Factory – Cloud OEE (Nov 15) Recording & PPT
- Proficy Historian 2022 (Nov 8) Recording & PPT
- Proficy Orchestration Hub 2022 (Oct 25) Recording & PPT
- Net New Customers: How to Present MES (Oct 12) Recording & PPT
- Dream Report 2020 R2 (Sept 20) Recording & PPT
- CSense 8.5 (Aug 2) Recording & PPT
- Proficy Historian – Special offers incl OSI PI (July 15) Recording & PPT
- MES Discrete: How to Sell, Pricing & ROI Calculator (July 19) Recording & PPT
- ROB-EX Scheduler: How to Sell & V7.0 (July 26) Recording & PPT
- iFIX Productivity Tools: What's New (July 27) Recording & PPT
- Proficy Operations Analytics, How to Sell, Pt 2 (June 28), Recording & PPT



Have questions? Looking for Grid resources?

Alicia Millinger

Bernard Cubizolles

GE Digital - Grid > All content > GE Digital Manufacturing & Digital Plant

IFIX Toolkit

Cimplicity Toolkit

Historian Toolkit

Plant Apps Toolkit

Operations Hub Toolkit

CSense Toolkit

MDC Toolkit

Tracker Toolkit

F&B/CPG Toolkit

Automotive Toolkit

Water Toolkit

Life Sci/Pharma Toolkit

Circularity Toolkit

Commercial Sales Playbook

New to Seismic? Start HERE

GE Digital Brand

SALES TOOLS

Did you know about these Sales Tools?

- Historian OSI/eDNA/AVEVA special offer - landing page and flyer
- MES Value Calculator
- Proficy Smart Factory brochure
- CSense free 6 hours of analytics consulting offer
- Single slide describing our BU PDF and PPT

SKO - Sales Kickoff 2022: Click here!

GE Digital's Manufacturing and Digital Plant BU Sales Kickoff (SKO) 2022 - View content presented at the virtual event here!

2022 Sales Kickoff

Ready, Set, Accelerate

Need Access: gedigital.partners@ge.com

What's coming Manufacturing & Digital Plant Roadmap

Prasad Pai

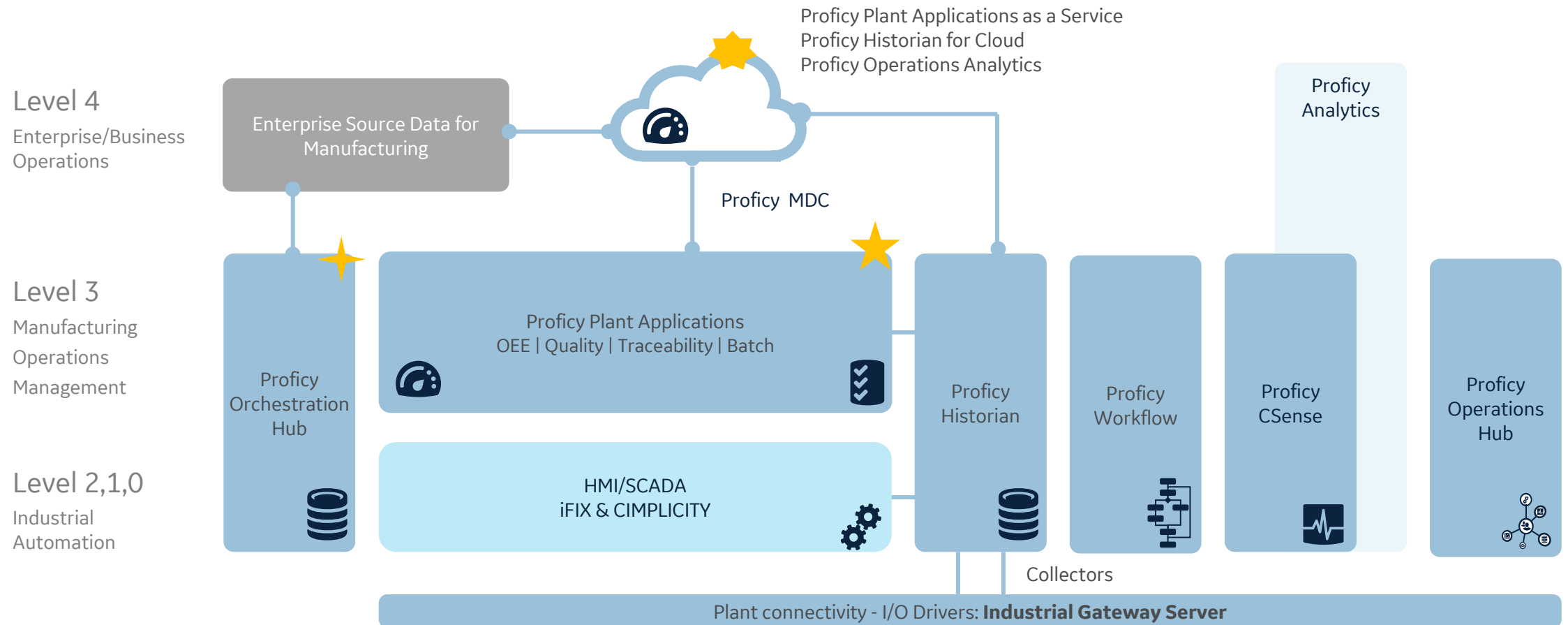
Sr. Director Product Management, Automation

The GE Digital portfolio | **Proficy**

From Plant Floor to ERP



- ★ **Leader in Gartner MES Quadrant. #1 in MES Critical Capabilities**
- ★ **First Industrial Data Historian fully deployable from AWS**
- ★ **Innovation NPI – Out of the Box Enterprise Integration for OT systems**



Key Areas of Focus with Portfolio releases

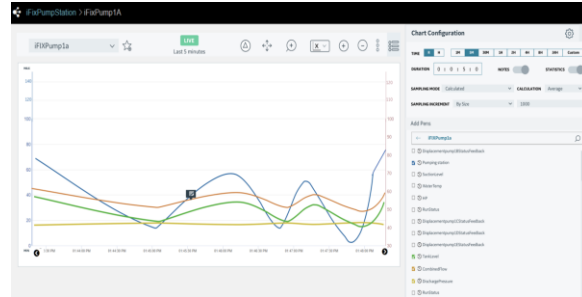
Strategic Theme		
1	Connected Operations	<ul style="list-style-type: none">• Operations Hub as the single UI for all Operations visualization
2	Modernization	<ul style="list-style-type: none">• Cloud Historian, Cloud OEE• Native HTML5 Visualization• MQTT/OPC UA based data access layer• REST API access• Python based Scripting
3	Flexible Deployment	<ul style="list-style-type: none">• Hybrid deployments• Integrated installs• Zero downtime upgrades
4	Faster Time to Solution	<ul style="list-style-type: none">• Common Model based configuration• No Code/Low Code Visualization

Start with an HMI and expand into different Operations UI



Solution Provider
GE Digital

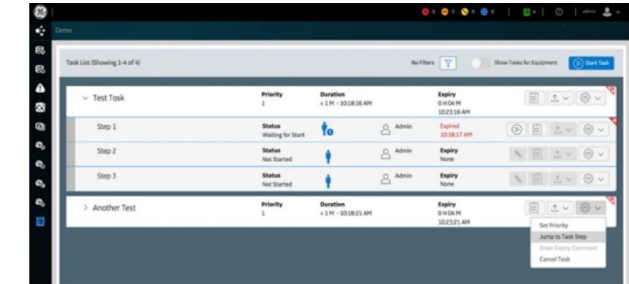
Proficy Historian in Operations Hub



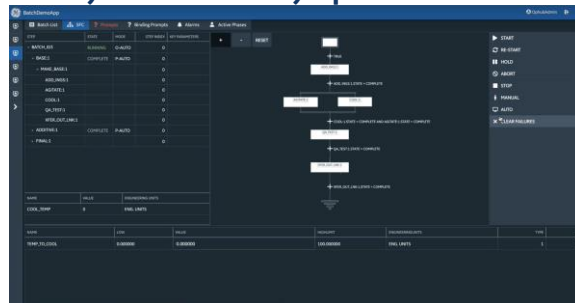
Proficy Plant Applications in Operations Hub

Process	Variable	Value	Unit	Alarm	Comment
AC-1000	AC-1000-1	100.0	kg	OK	
AC-1000	AC-1000-2	200.0	kg	OK	
AC-1000	AC-1000-3	300.0	kg	OK	
AC-1000	AC-1000-4	400.0	kg	OK	
AC-1000	AC-1000-5	500.0	kg	OK	

Proficy Workflow in Operations Hub



Proficy Batch in Proficy Operations Hub



Custom



Plus your custom content

Industrial Automation

iFIX/CIMPLICITY

Manufacturing Operations Management

Plant Applications
MDC
Workflow

Batch
Tracker

SQL DBs

Industrial Data Management

Historian
OSI PI

Key Historian Investment Themes

Scalability/Reliability

Native Cloud based Historian

- Only true cloud operational historian

New HA deployment architectures

- Primary & Disaster Recovery Data Centers
- Simplified replication for non-secure zone Historians

Modernization

Config Hub Administrator

Improved Python Collector

MQTT Collector Enhancements

- Version 5
- Flexible Messaging Structure

Useability

Model integration with OH, iFIX, Grid SCADAs

Rest API for A&E

Investments in Operations Hub

- Query by Expression
- Stacked Axes

Excel Add-In

Proficiency Plant Applications 2023

① Faster time to solution

- Continuing to make installs and upgrades smoother including reducing the installer start up time, reducing the number of inputs required and splitting up Tomcat into multiple instances
- Zero Downtime web client updates means that customers running the Enterprise edition with multiple copies of the microservices in place will not have to take the web UI down in order to upgrade. These new updates are call “Web Client Updates” & are in addition to SIMs

② Better user experience & expanded functionality

- Continuing to build out the out of the box web UIs and enhance the existing ones many UI adjustments and performance improvements & we’ve added the ability to have custom tabs in Activities, Work Order Manager and Genealogy
- Reduced the overall system memory requirements and disk footprint
- Support the Web Report Server on Chrome, Safari, Edge and Firefox (stretch goal to provide for 2022 in June 2022)

③ Double down on discrete

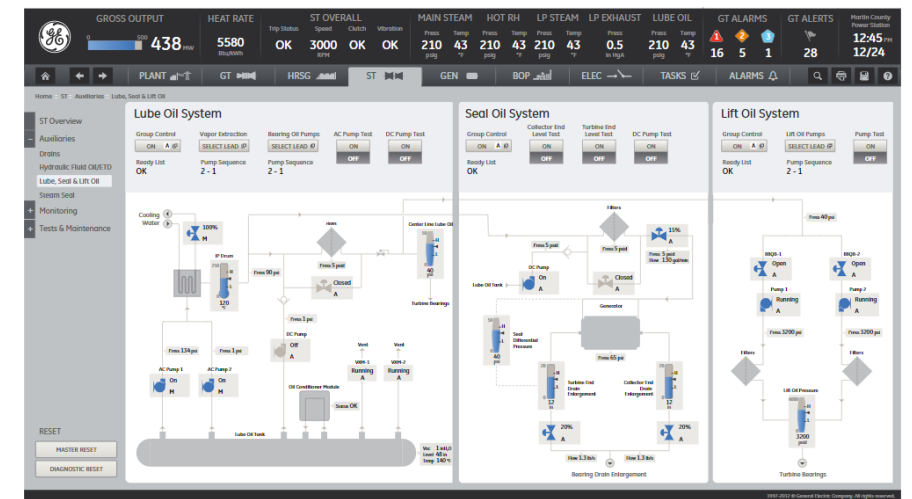
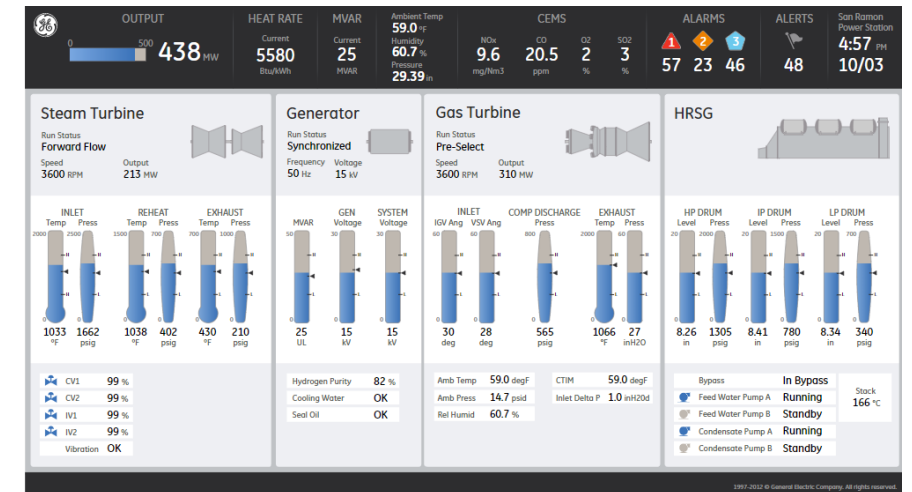
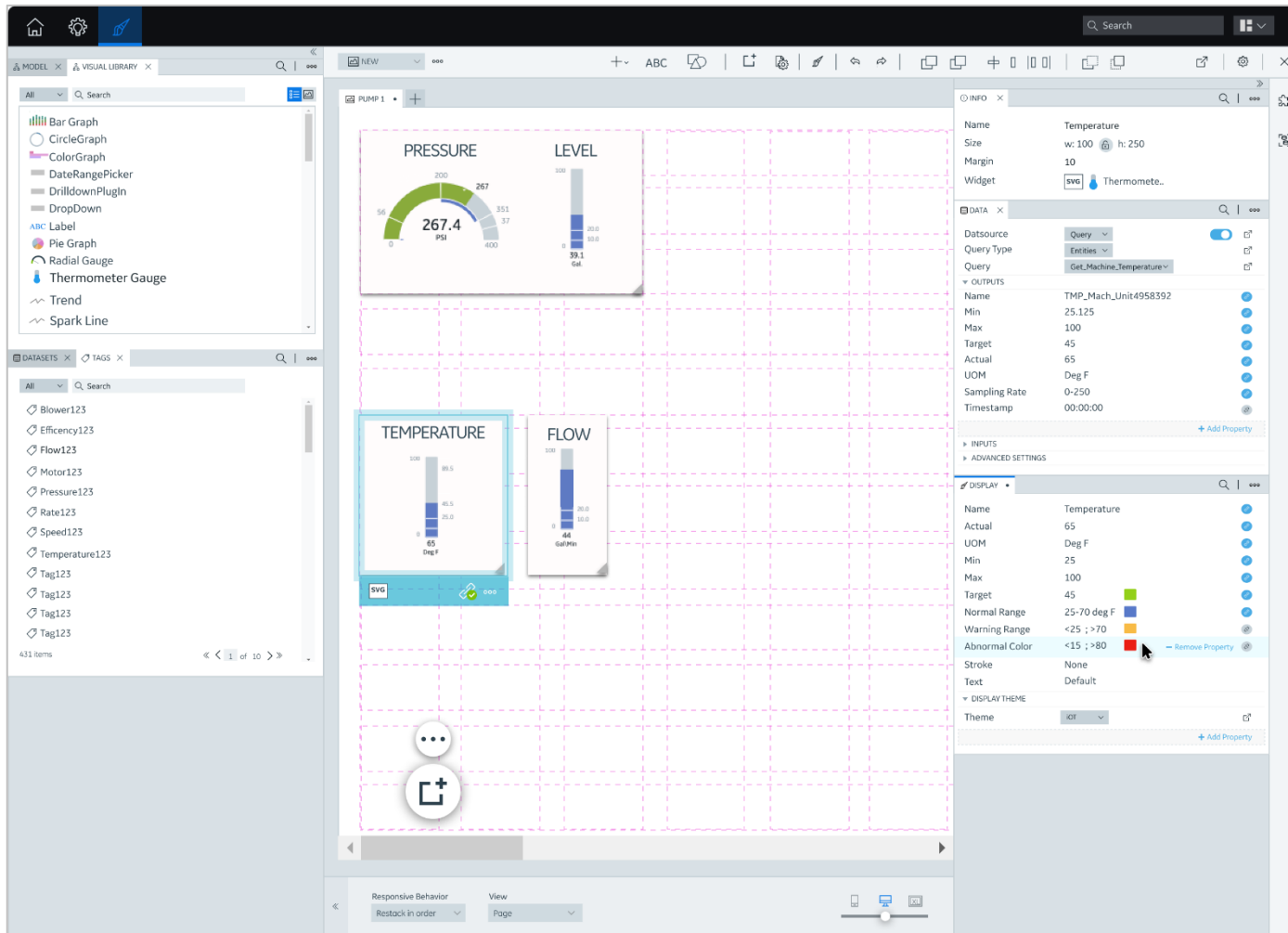
- Significant new capability added to non-conformance management including custom dispositions, capturing out of reject quality variables on NC creation, integration of dispositioning into Approval Cockpit & group of ops for rework
- Several BOM related capabilities including substitutions, BOM quantity splits & mandatory BOM items for mutually exclusive sets
- Limited Availability of Product Variables
- Stretch Goal: Autolog MVP1

Key Areas of Focus with Automation releases

Strategic Theme	
1	Native HTML5 HMI <ul style="list-style-type: none"> Graphics Editor – Free form layout, Connect and animate custom drawn graphics & out of the box high performance graphics, Design Previews Data Substitution - Ability to reuse screen for different data contexts Enhanced support for responsive design Screen building accelerators, including auto-binding data
2	MQTT as a Common Data pipe <ul style="list-style-type: none"> MQTT 5 Support Payload can be JSON or Sparkplug B
3	Common Security <ul style="list-style-type: none"> Proficiency Authentication for CIMPLICITY– SSO, improved security, MFA, nested AD groups
4	Central Configuration, Management & Deployment <ul style="list-style-type: none"> Common Model – iFIX, Historian, OpsHub and fast follow with CIMPLICITY Config Hub – one place to configure/design/deploy your solution

Next Gen HMI Designer (Preview planned in July, Beta in September)

Enable the connected operations by providing a web-based, IoT Application designer that supports a model, mobile devices and centralized updates



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Automation SI/SP Advisory Council

Started June 2nd 2022

To gain insights and feedback on the Automation suite of products to ensure the development, feature set and commercial offering is compelling and competitive in solving the worlds manufacturing problems.

Expectations:

1. Monthly Meeting
 1. Design and Journey/Mockup reviews
 2. Feature implementation reviews/demos
2. Alpha/Beta Release Feedback
3. Incentives

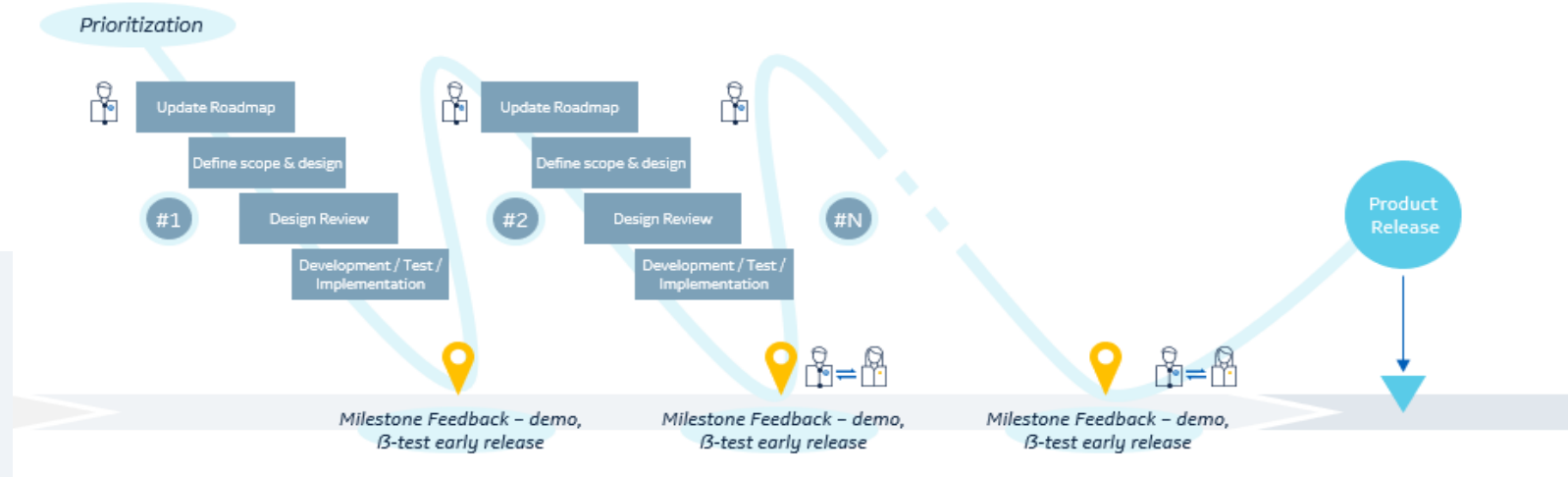
We would love to add to the Council



Mutual benefits



Solution Provider
GE Digital



For the SI Partner

- Direct contact with Product Management team
- Greater visibility on future capabilities and areas of continued investment - long term strategy/roadmap
- Ability to influence the product roadmap & development
- WYDIWYG (What You Discussed Is What You Get)
- Reduce risk - eliminate Fear, Uncertainty, Doubt

For GE digital

- Drive efficient product development based on VOC & deep understanding of problems that are worth solving for our customers
- Validate hypothesis & reduce risk
- Delight our customers with great product offerings
- Build trust & confidence in GE Digital



Industry Innovation Leaders

Key Messages to our SP's

1. We have re-prioritized SI's as a strategic focus and we are investing in resources.
 - GE Digital depends on our SI's to deploy over 95% of our Automation solutions
 - We have added (3) dedicated SI resources to focus on driving our business
 - Re-Energizing SI focused competency, training and roadmap updates
2. GE Digital's Mfg. business is 100% focused on software solutions and we are investing!
 - New CPR process
 - Product updates & enhancements
 - Launching new products (2022/2023)



1. Review the new Program with your GE Digital Sales Representative and create your Business SMAP
2. Update your Company Information online
3. Ensure you are on our Partner Locator

New applicants and to update/create Partner Locator profile:
<https://www.ge.com/digital/partners/become-solution-provider-partner>

Solution Provider Events – Mark Your Calendars

Solution Provider Program Events	Date
Automation SP Advisory Kickoff (Monthly Cadence)	June 2 nd
CSIA Executive Conference	June 27-30
CSIA Webinar - Benefits of AWS Cloud Native Historian	Sept 14 th
ISA Webinar - Historian and Data Management	Sept 21 st
Solution Provider eNews	Bi-Monthly
SP Education Series	Date
Systems Integrator Introduction to Rapid Operations Visualization through Operations Hub	June 30 th @ 10am CST
Systems Integrator Advanced Context Based Visualization Solutions through Operations Hub	July 14 th @ 10am CST
Creating new SI Revenue Streams - New HMI/SCADA PID Loop Tuning functionality with Proficy CSense	July 21 st @ 10am CST
NEW AWS Native Cloud Historian – Enabling new Value Creation from OT data for Systems Integrators	July 28 th @ 11am CST
Circularity in Manufacturing – What is the circular economy and how will it impact Systems Integrators?	August 4 th @ 10am CST
Planned & Proposed	Date
2023 Coordinated Product Release – Solution Provider Sneak Preview	TBA
New Cloud OEE – Creating new ideas and revenue streams for Systems Integrators	TBA
New HMI/SCADA Productivity Tools – SI Introduction to Proficy Python Scripting	TBA
Customer Trends in CPG, Automotive and Water/Wastewater	TBA

Wrap Up & Q&A

