AVEVAWORLD

AVEVA WORLD

APRIL 8, 2025

Operations Control Edge

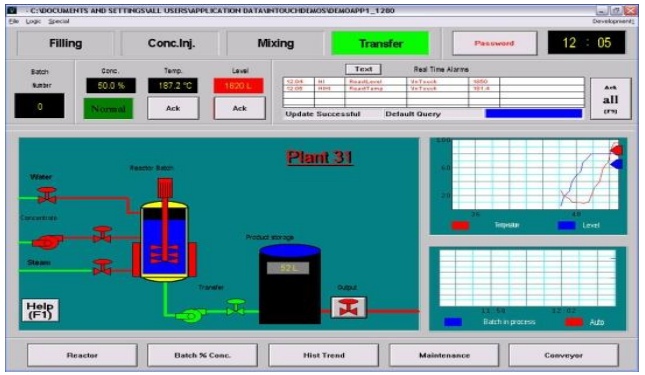
Roadmap

Rickard Norin

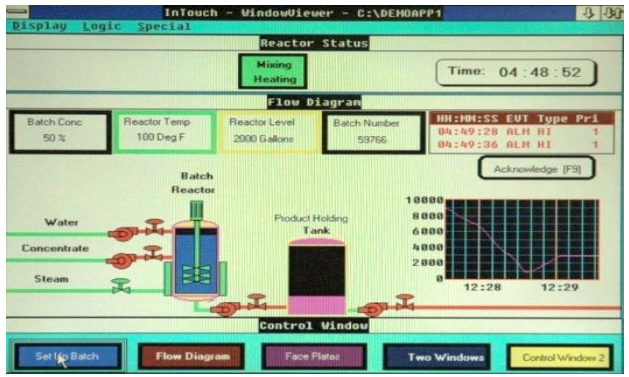
AVEVA

An incredible journey

90s



2010s

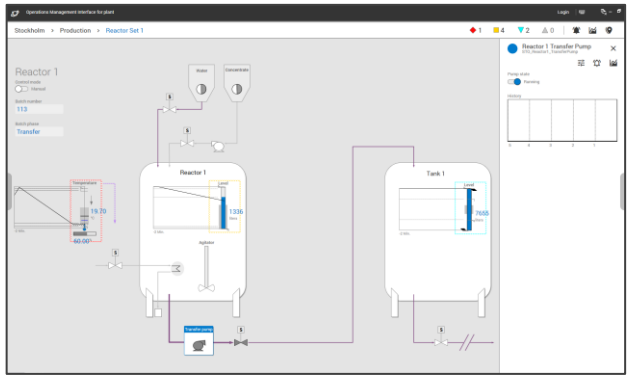


2000s

© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

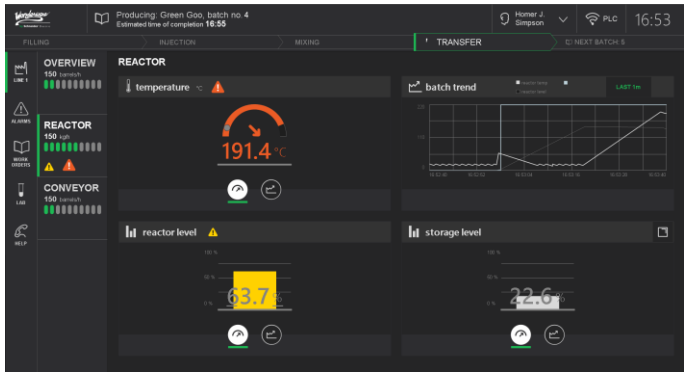
An incredible journey

2010s



2020s

Today



© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

The journey continues

AVEVA™ InTouch HMI & AVEVA™ Edge are embarking on a journey toward unification and modernization

- Modernization at an accelerated rate
- Emphasis on the legendary ease of use and productivity that the brands are known for
- Streamline journey toward System Platform
- **Continued commitment to protecting investments and providing incremental value**

© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

Big picture roadmap

SUBJECT TO CHANGE AND REPRIORITIZATION

Acceleration

CONNECT-accelerated development and lifecycle management, development assistance through AI/ML, InTouch/Edge unification, continued modernization and expanded open extensibility

Independence

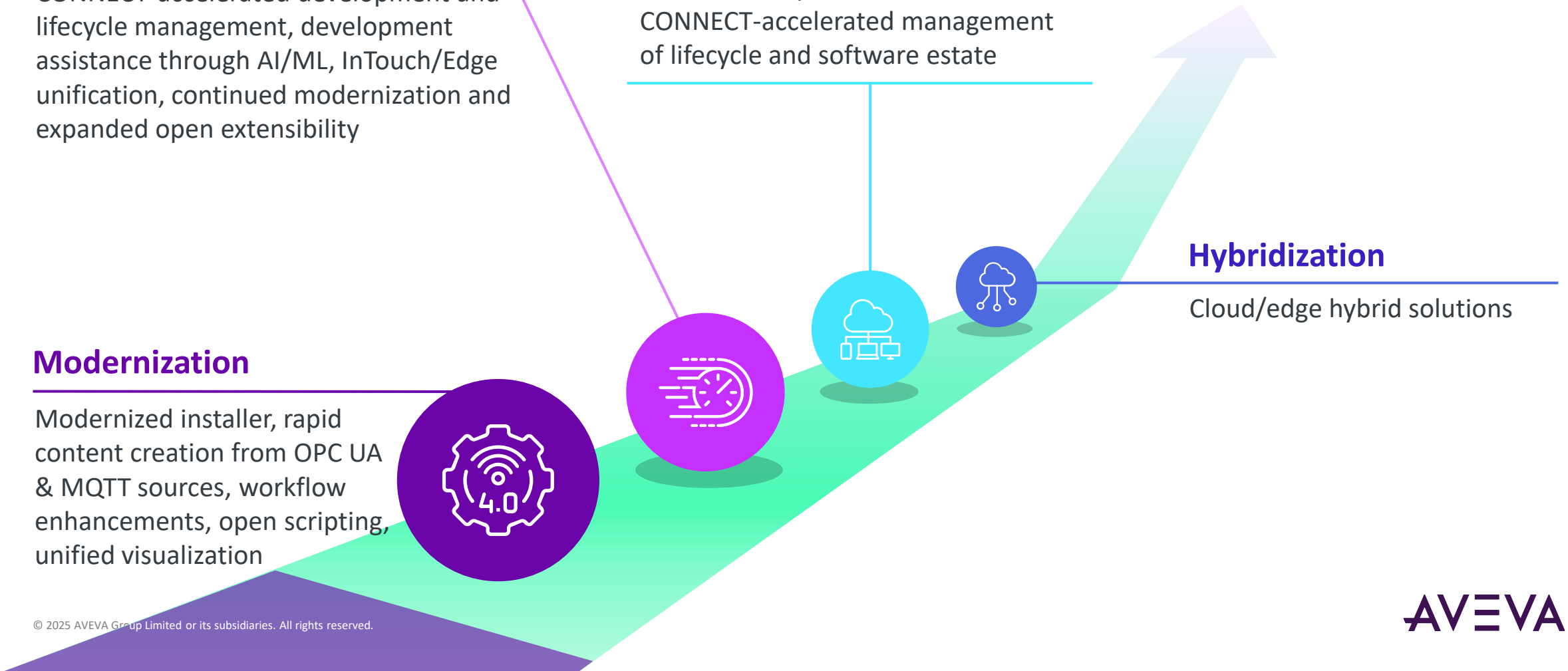
Platform independence, continued CONNECT-accelerated management of lifecycle and software estate

Hybridization

Cloud/edge hybrid solutions

Modernization

Modernized installer, rapid content creation from OPC UA & MQTT sources, workflow enhancements, open scripting, unified visualization



© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

AVEVA

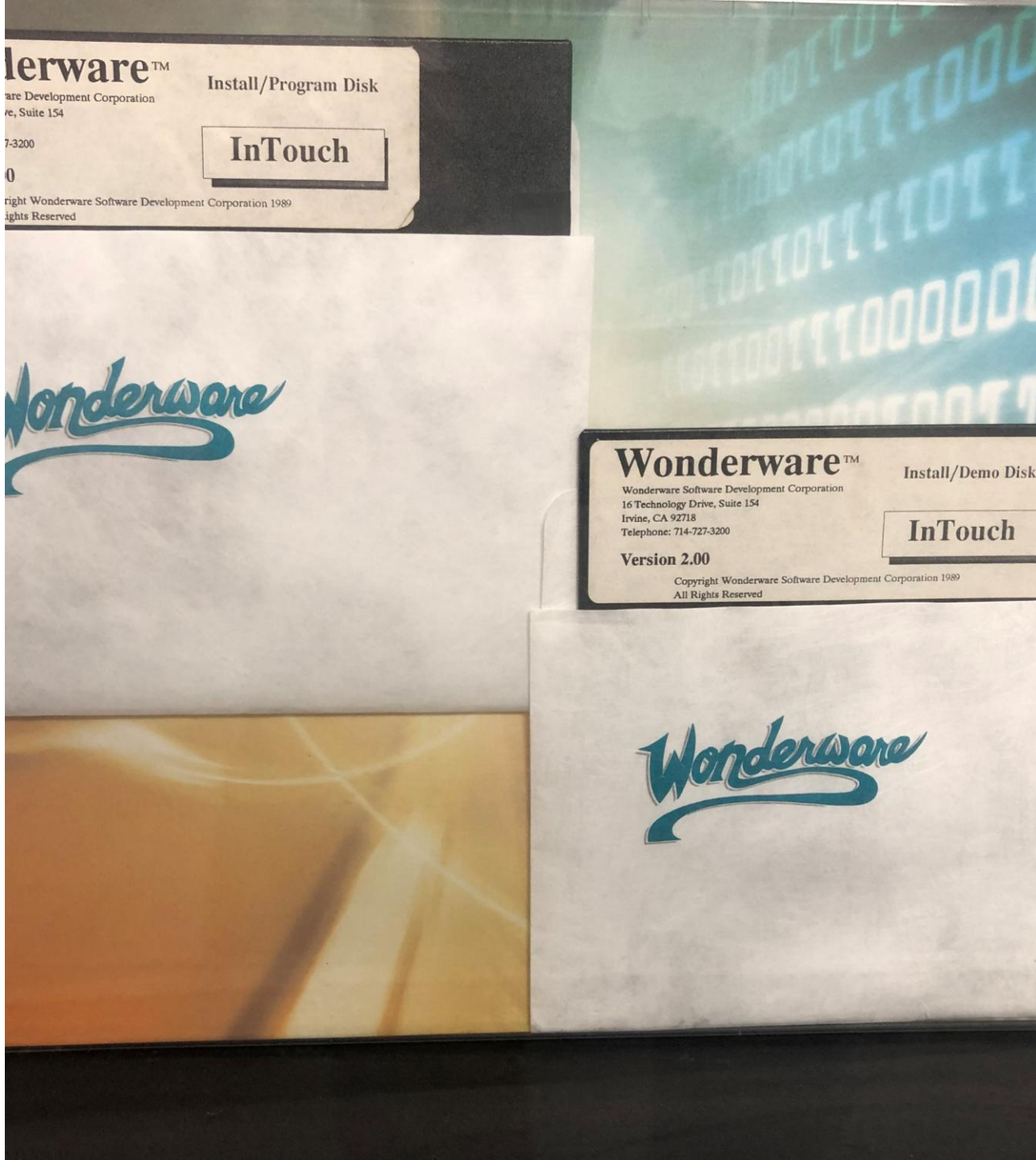
Acquisition & installation

While the format has changed over the years, the AVEVA™ InTouch HMI installer has always been rooted in – and constrained by – the notion of a disk

- Floppy disks
- Optical disks
- Virtual disks

Increasingly complex post-install configuration

Locked-in behind pay wall

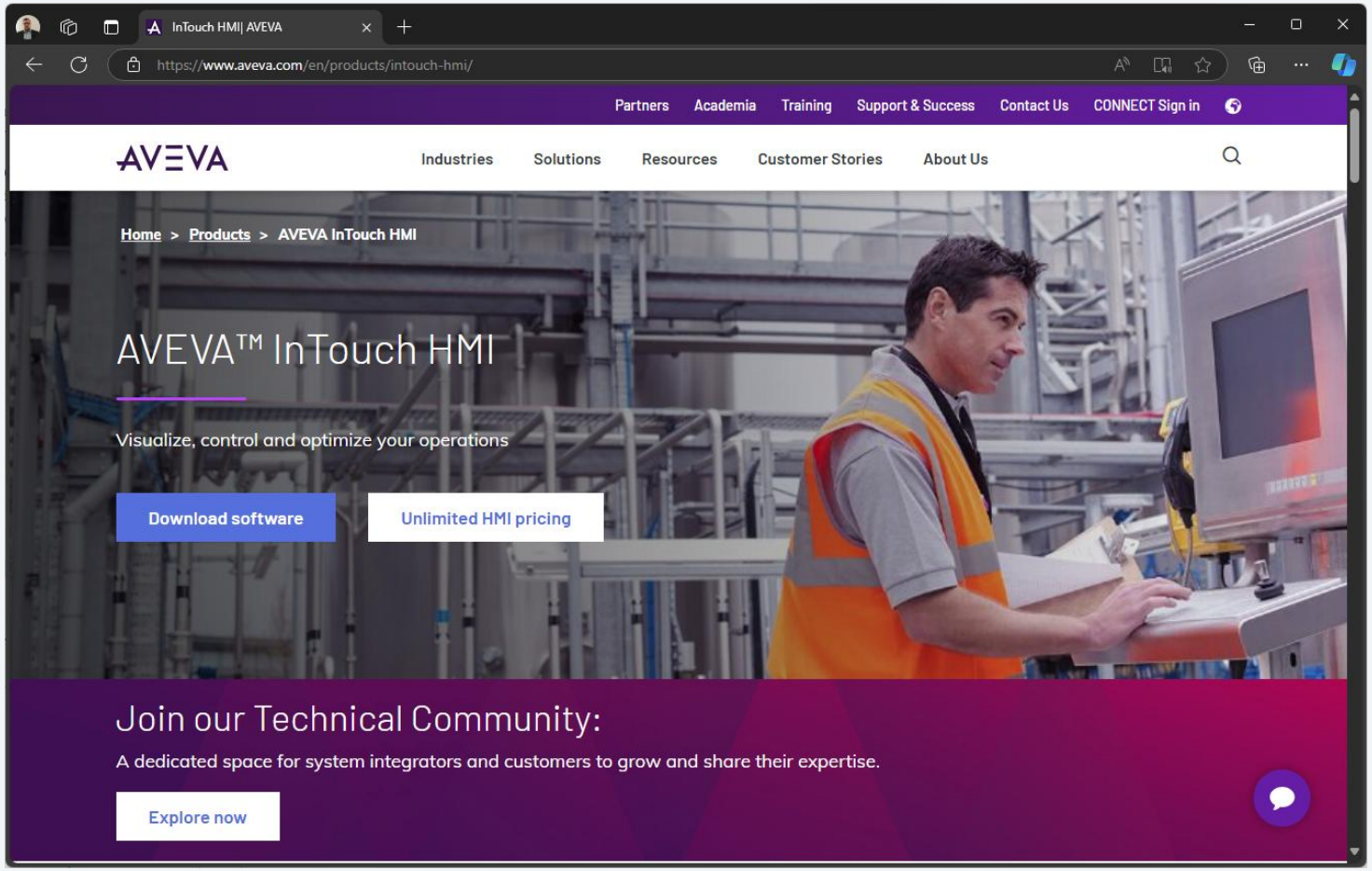


© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

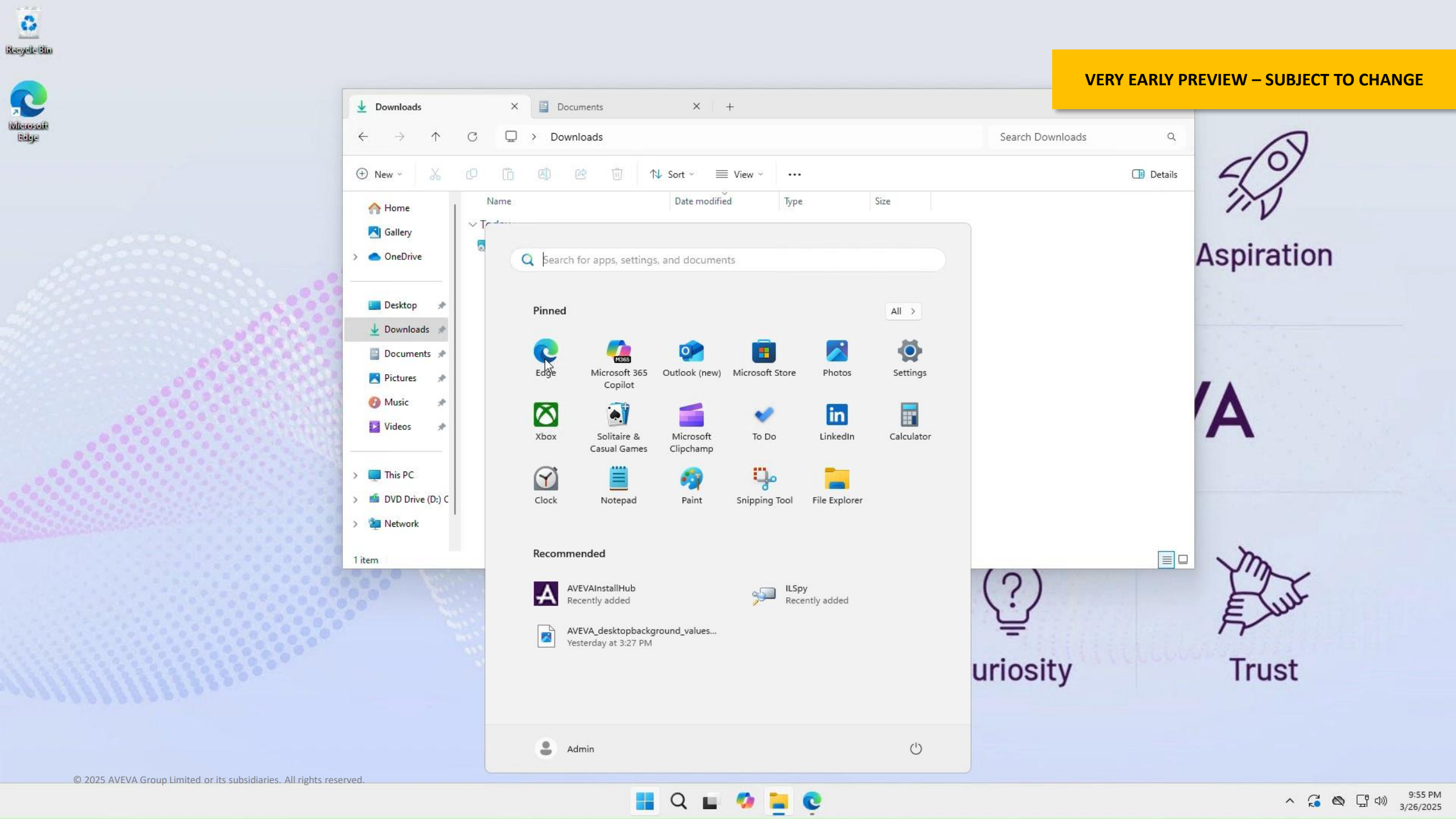
Self-service access to AVEVA™ InTouch HMI via aveva.com

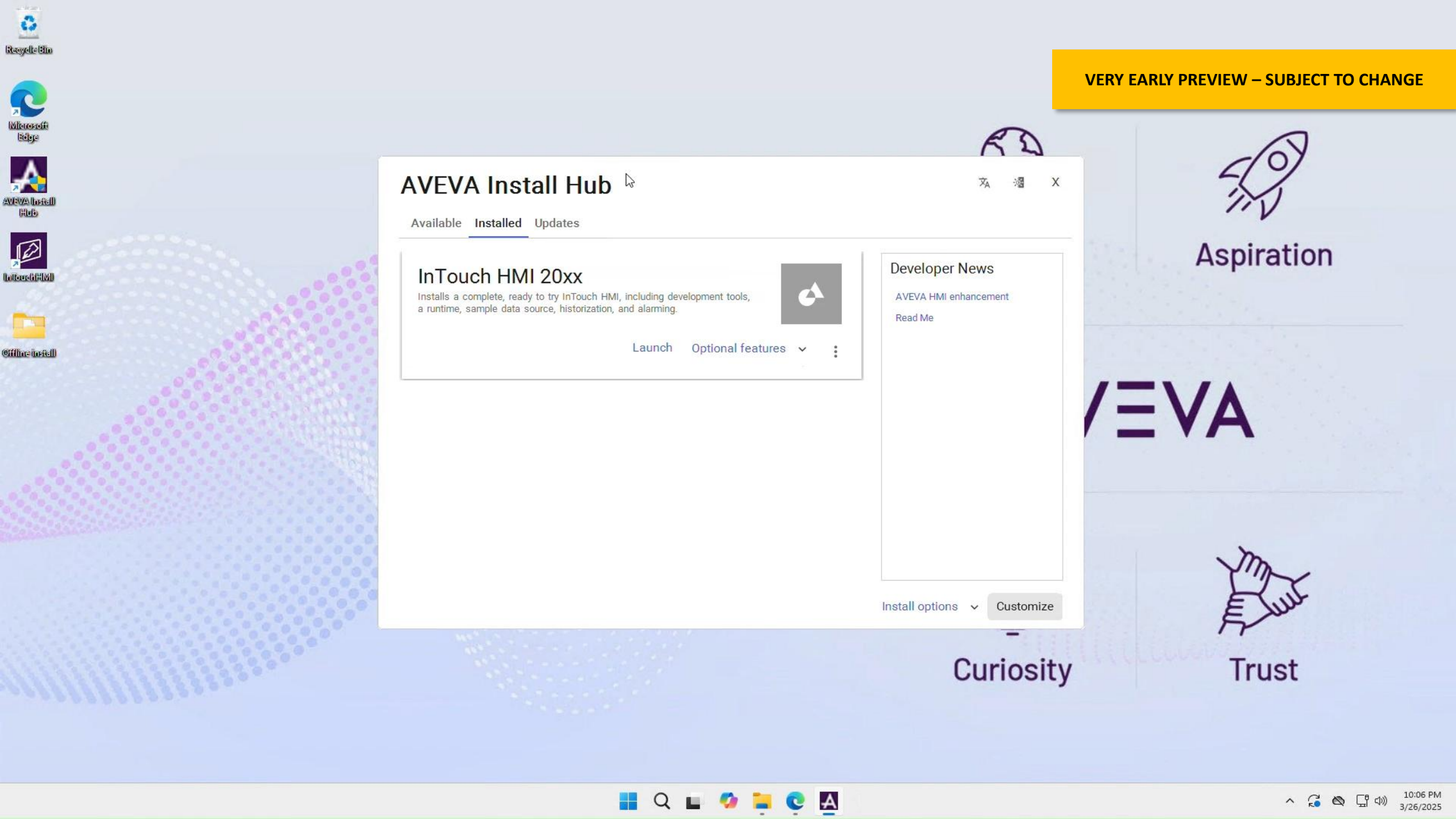
Available today

Step 1: Easy Access to AVEVA™ InTouch HMI directly from product page after self-service registration



© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

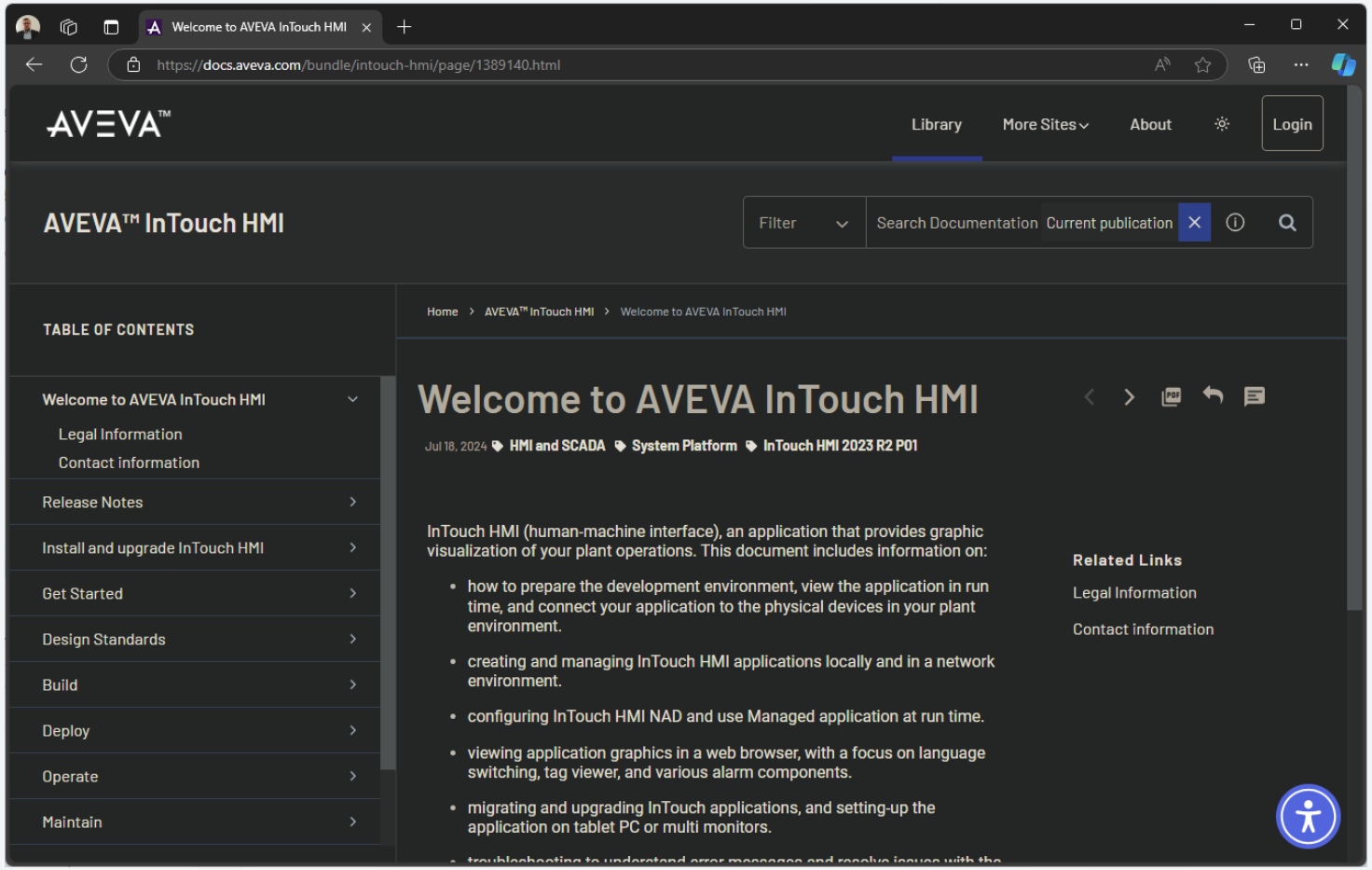

Recycle Bin
Microsoft Edge
VERY EARLY PREVIEW – SUBJECT TO CHANGE
Downloads
Documents
Downloads
Search Downloads
New
Sort
View
Details
Home
Gallery
OneDrive
Desktop
Downloads
Documents
Pictures
Music
Videos
This PC
DVD Drive (D:) C
Network
Name
Date modified
Type
Size
1 item
Search for apps, settings, and documents
Pinned
All
Edge
Microsoft 365 Copilot
Outlook (new)
Microsoft Store
Photos
Settings
Xbox
Solitaire & Casual Games
Microsoft Clipchamp
To Do
LinkedIn
Calculator
Clock
Notepad
Paint
Snipping Tool
File Explorer
Recommended
AVEVAInstallHub
Recently added
ILSpy
Recently added
AVEVA_desktopbackground_values...
Yesterday at 3:27 PM
Admin
Aspiration
uriosity
Trust
© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.
9:55 PM
3/26/2025


Recycle Bin
Microsoft Edge
AVEVA Install Hub
InTouch HMI
Offline install
VERY EARLY PREVIEW – SUBJECT TO CHANGE
AVEVA Install Hub
Available
Installed
Updates
InTouch HMI 20xx
Installs a complete, ready to try InTouch HMI, including development tools, a runtime, sample data source, historization, and alarming.
Launch
Optional features
Developer News
AVEVA HMI enhancement
Read Me
Install options
Customize
Aspiration
Curiosity
Trust
10:06 PM
3/26/2025

Publicly accessible documentation at docs.aveva.com

Open access to AVEVA™ InTouch HMI product documentation

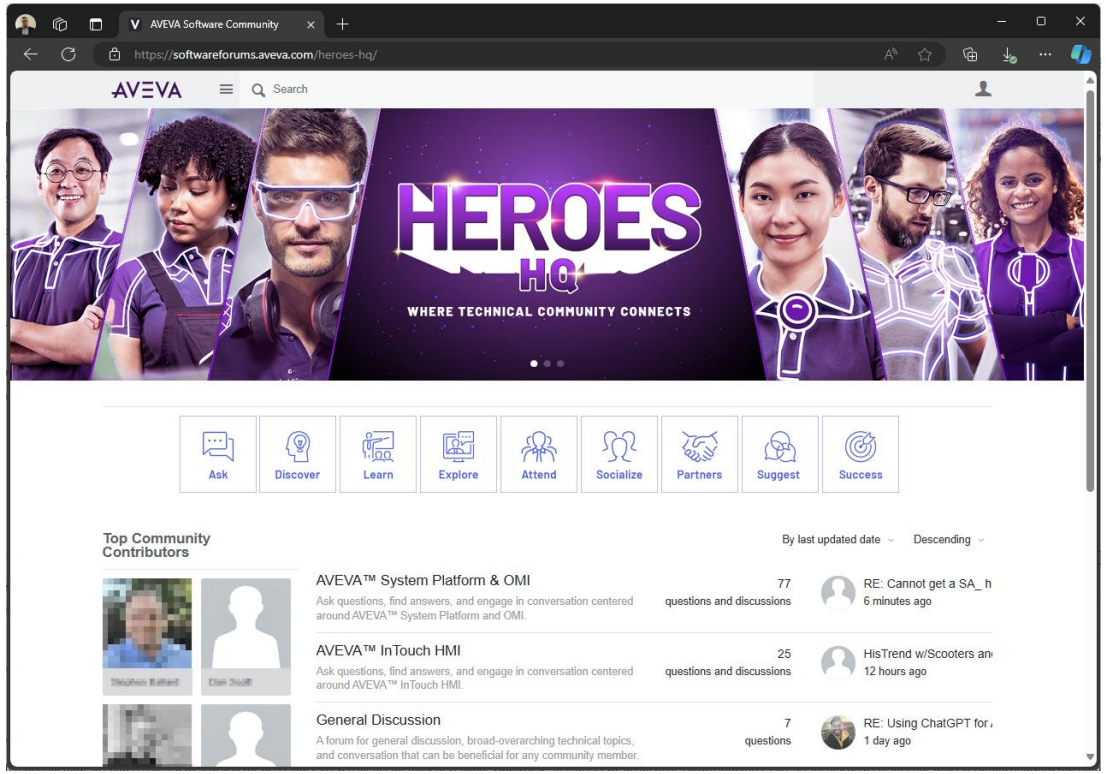
Available today



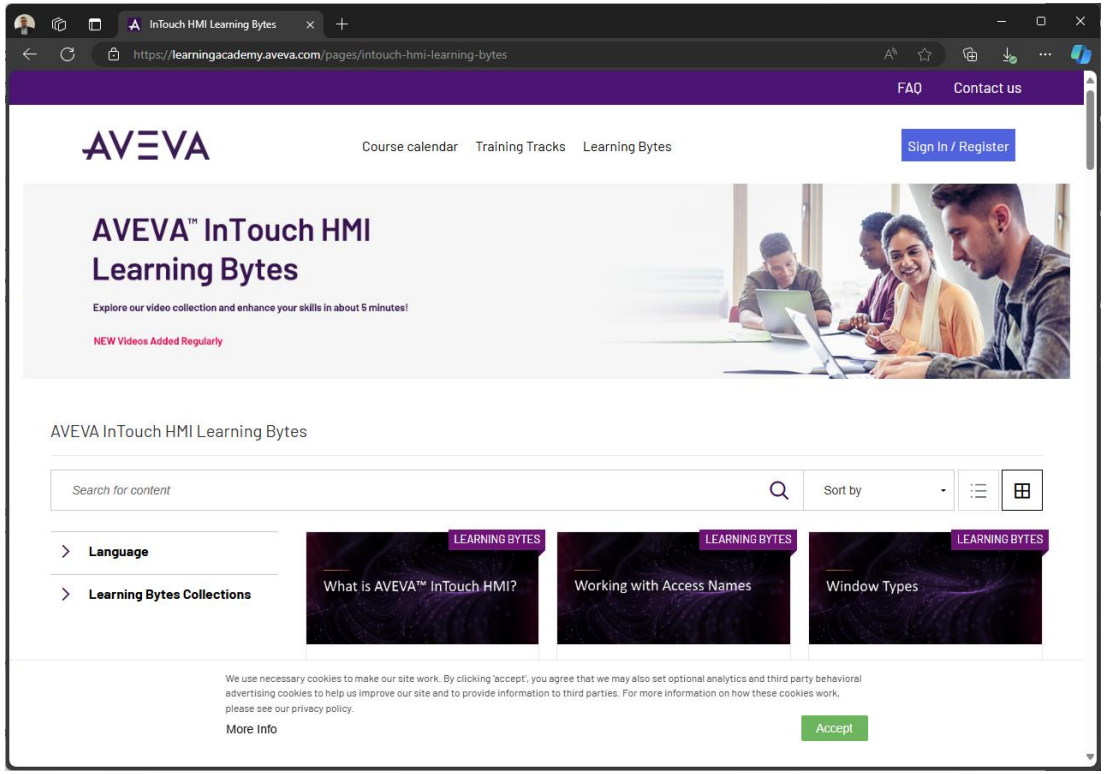
© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

Need inspiration, or to exchange ideas with peers?

Available today



https://softwareforums.aveva.com/heroes-hq/

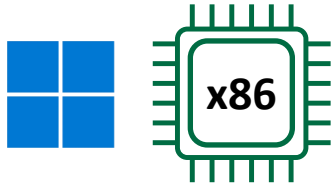


https://learningacademy.aveva.com/pages/intouch-hmi-learning-bytes

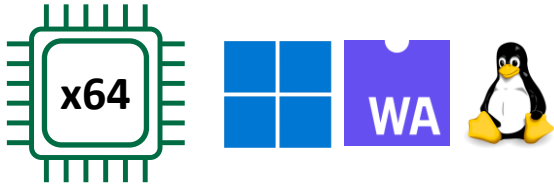
© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

AVEVA

Architectural changes



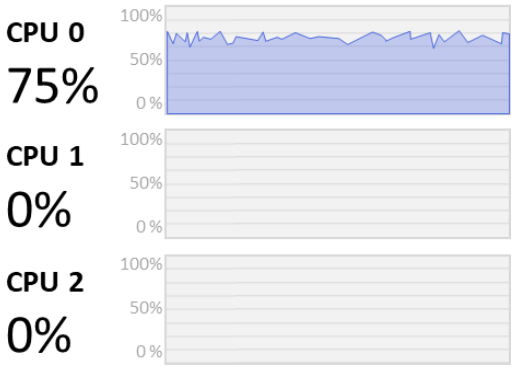
64-bit architecture, platform independence, memory safe



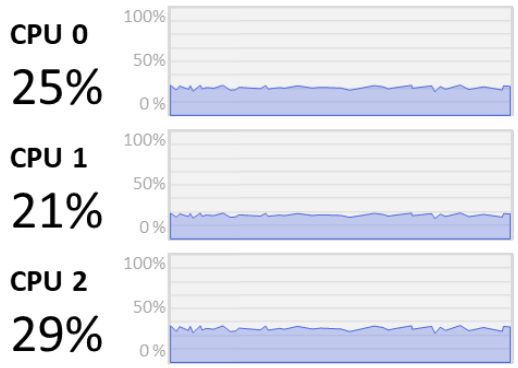
Few base types
Simple or no arrays
131/1024 string length
Poll/Read/Write

Built for the modern data landscape

Rich base types
n-dimensional arrays
2,147,483,647 chars
Pub/sub, Methods



From mostly monolithic to microservices architecture

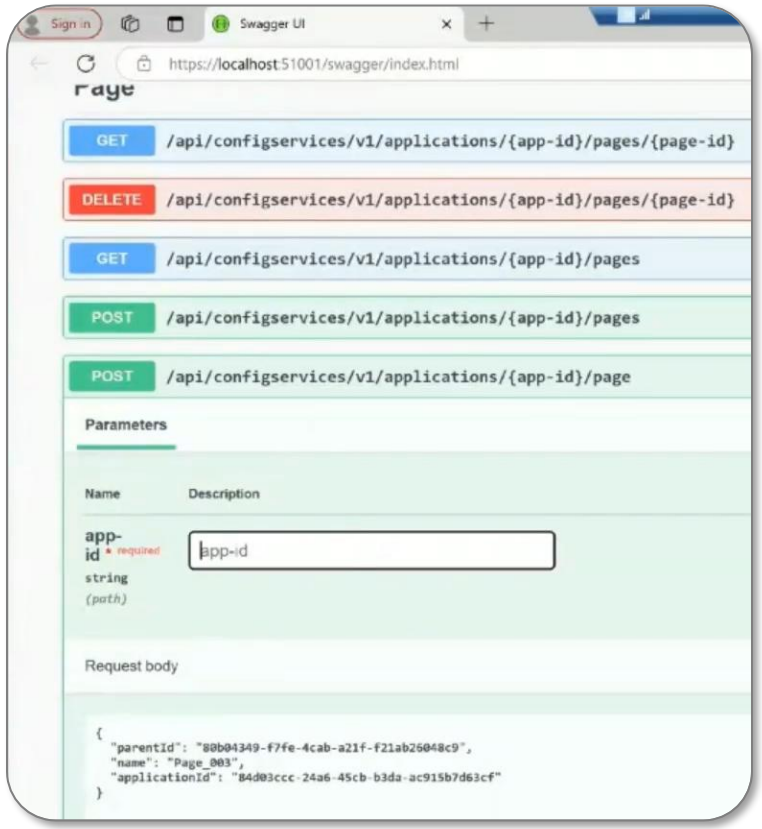


© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

AVEVA

Openness

API-driven configuration



Interoperability

MQTT.ORG

OPC UA

{RESTful API}

Modbus

IEC

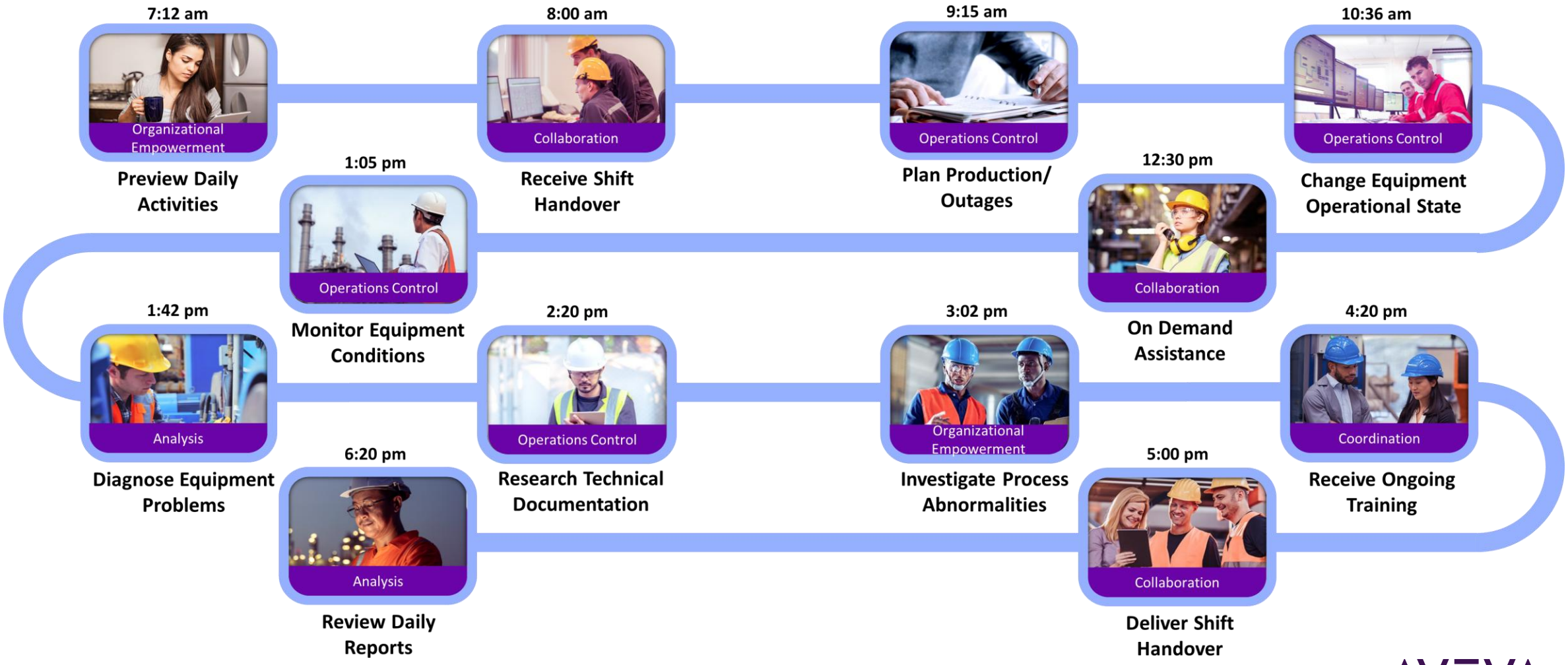
Business Logic & Extensibility

© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

AVEVA

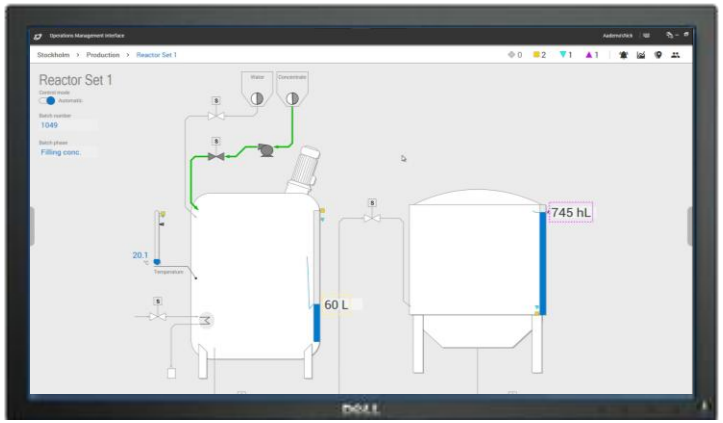
Operations – a day in life

Enabled by AVEVA™ Operations Control – hybrid SaaS solution



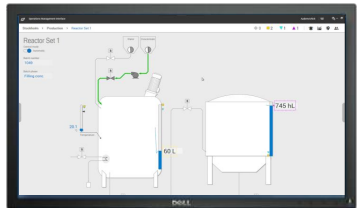
© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

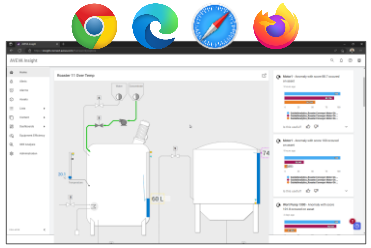
Traditional presence at the edge



© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

Expanded presence





Process network

Corporate WAN

in range

out of range

© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

Expanded presence

Collaboration thrives with unambiguous and consistently-visualized information

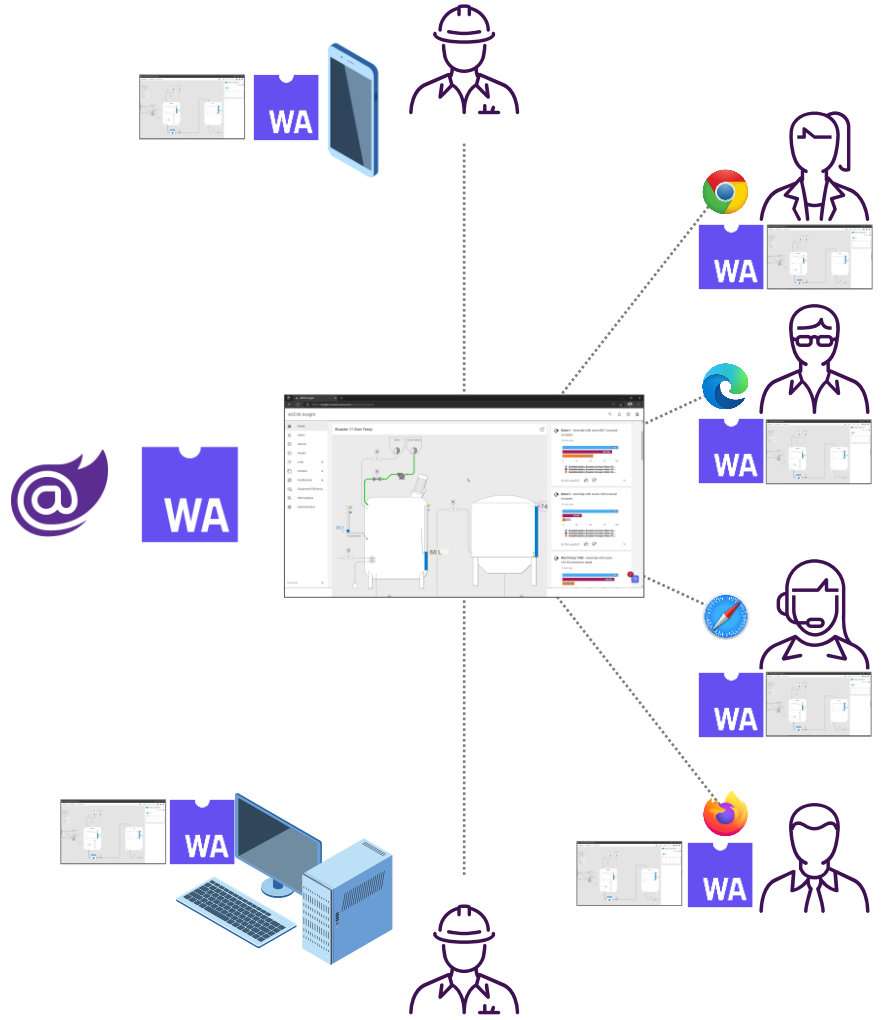
One graphics technology
Rich immersive AVEVA™ Industrial Graphics

- Organized by Layouts

One rendering mechanism
Same code across all devices and form factors means a single graphics features set, pixel-perfect consistency

- Highly performant and scalable client-side application

[Optional] One commercial model
Access unlimited data for unlimited applications through unlimited devices with a single license

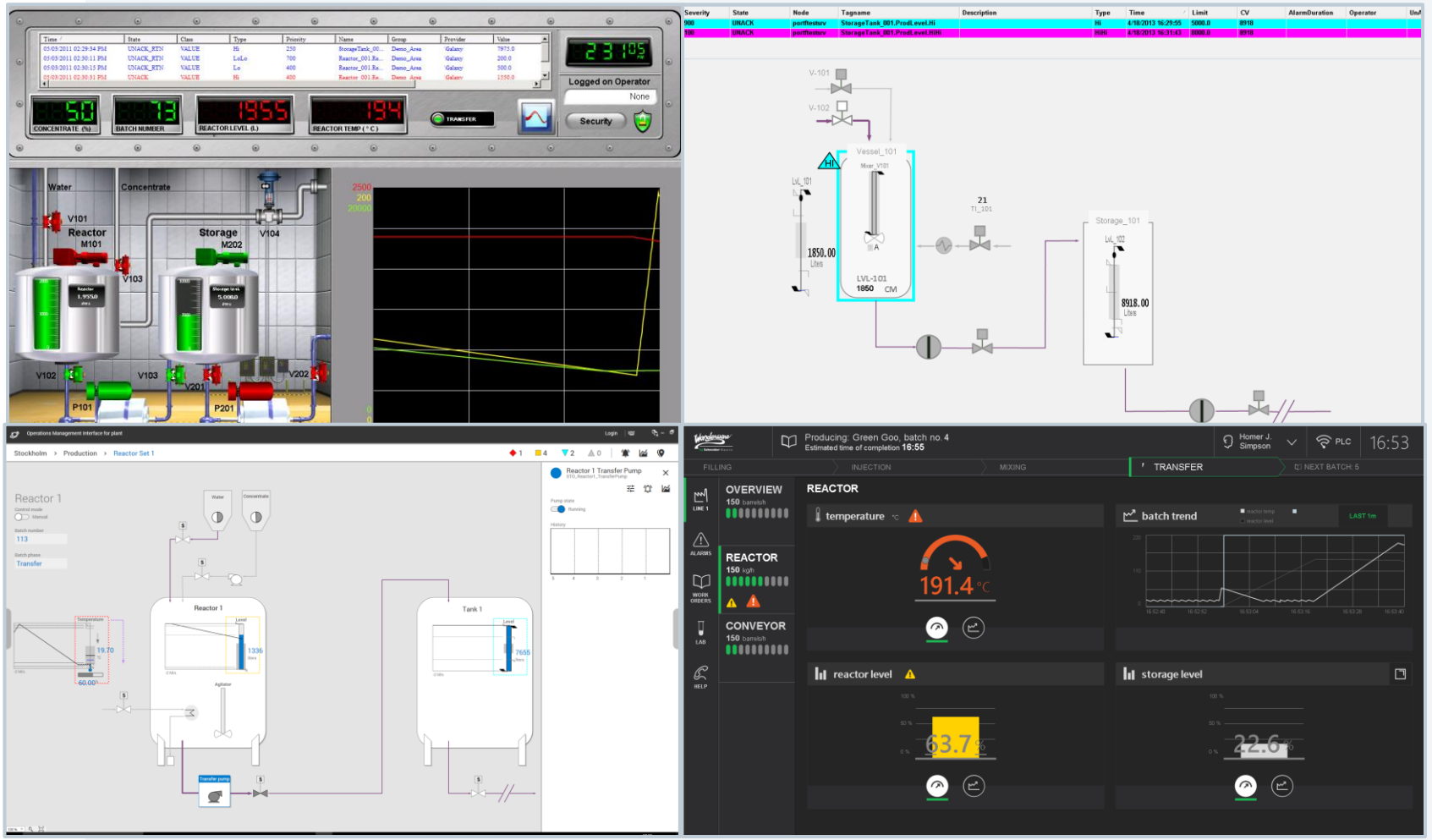


© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

Same application – different UX design philosophies

Available today

This is the flexibility of AVEVA Industrial Graphics

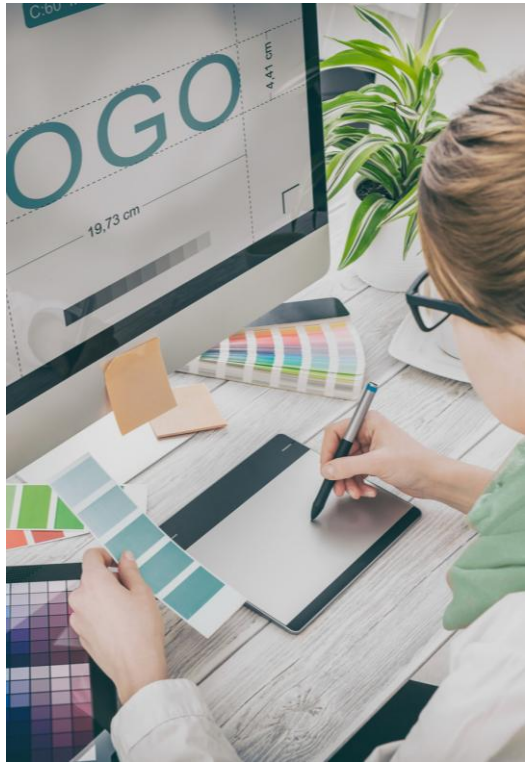


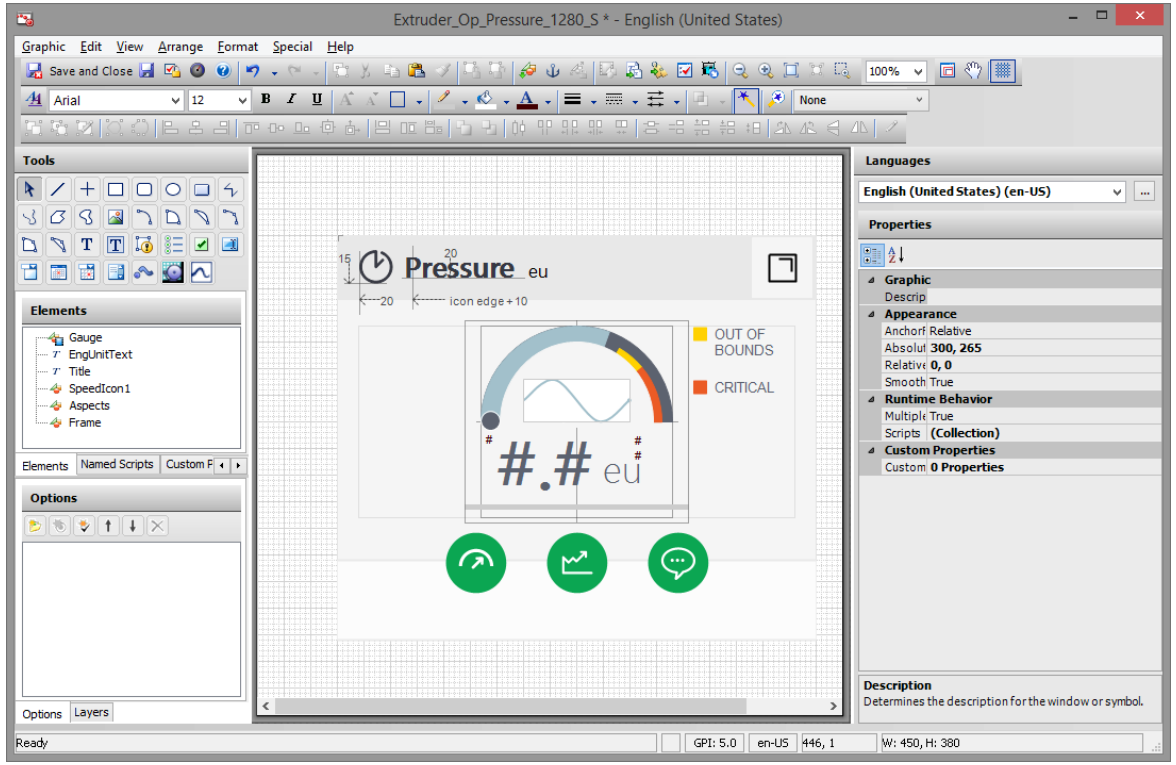
© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

Designer & developer collaboration

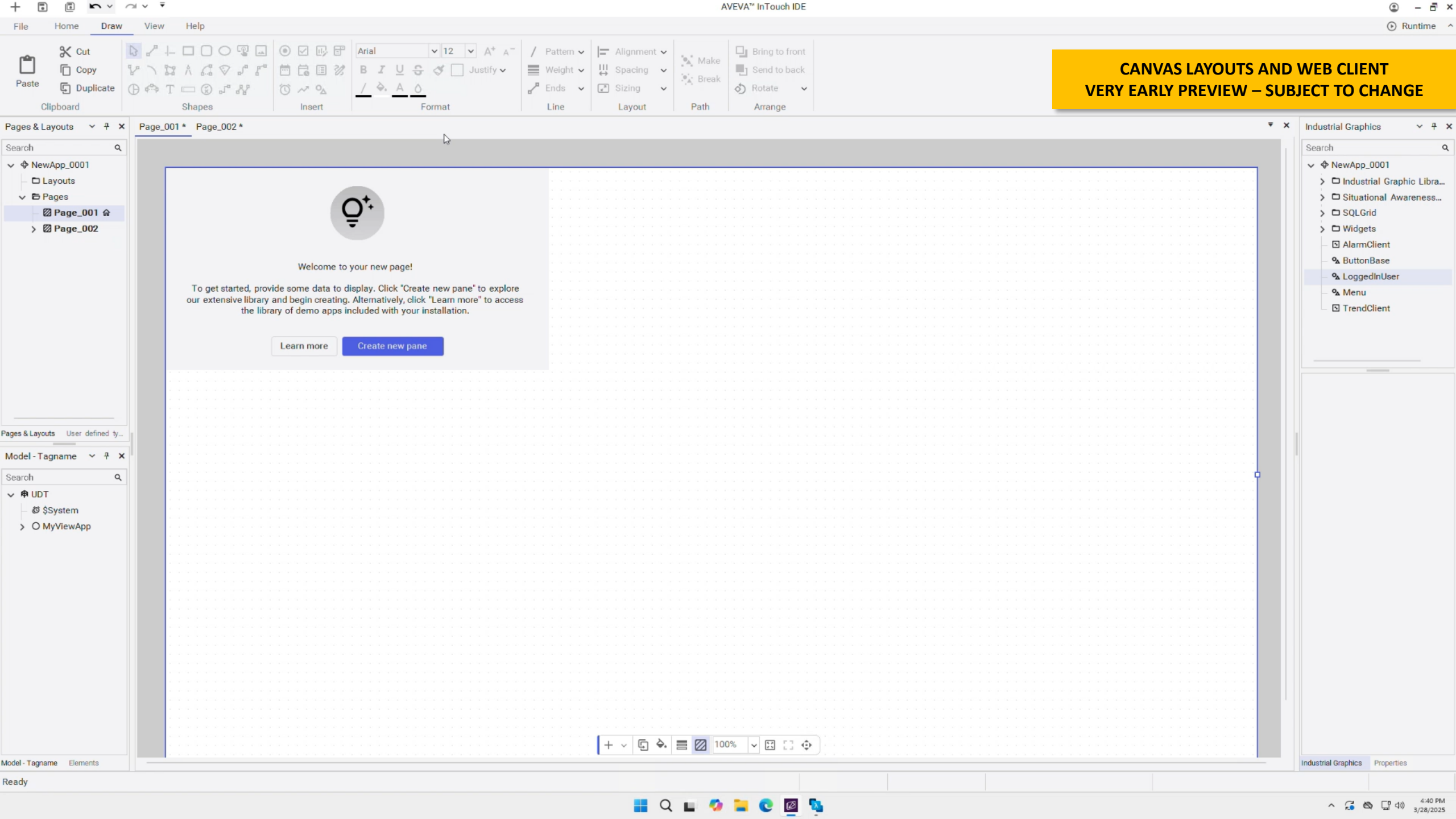
Available today

SVG import





© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.


AVEVA™ InTouch IDE
File
Home
Draw
View
Help
Runtime
Paste
Cut
Copy
Duplicate
Clipboard
Shapes
Insert
Arial
12
Justify
Format
Pattern
Weight
Ends
Line
Alignment
Spacing
Sizing
Layout
Make
Break
Path
Bring to front
Send to back
Rotate
Arrange
CANVAS LAYOUTS AND WEB CLIENT
VERY EARLY PREVIEW – SUBJECT TO CHANGE
Pages & Layouts
Search
NewApp_0001
Layouts
Pages
Page_001
Page_002
Pages & Layouts
User defined ty...
Model - Tagname
Search
UDT
$System
MyViewApp
Model - Tagname
Elements
Page_001 *
Page_002 *
Welcome to your new page!
To get started, provide some data to display. Click "Create new pane" to explore our extensive library and begin creating. Alternatively, click "Learn more" to access the library of demo apps included with your installation.
Learn more
Create new pane
100%
Industrial Graphics
Search
NewApp_0001
Industrial Graphic Libra...
Situational Awareness...
SQLGrid
Widgets
AlarmClient
ButtonBase
LoggedInUser
Menu
TrendClient
Industrial Graphics
Properties
Ready
4:40 PM
3/28/2025

One visualization technology across all products and services

With content portability and pixel-perfect consistency

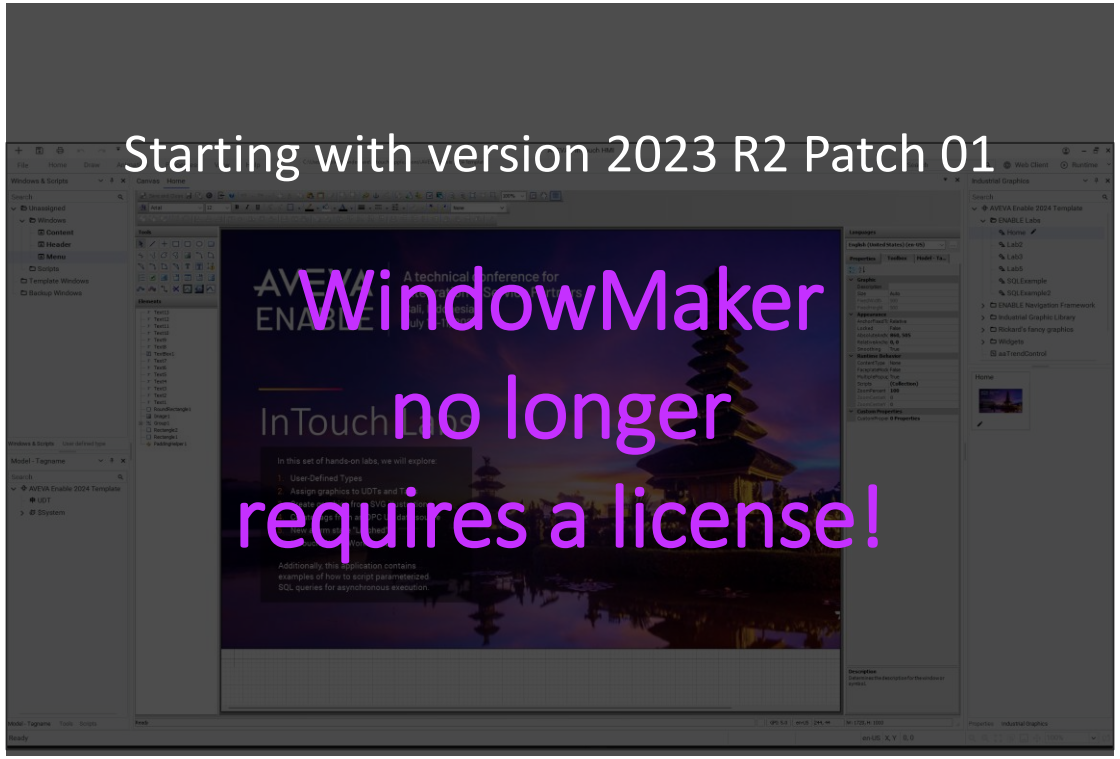
© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

No license? No problem!

Available today

Development

Starting with version 2023 R2 Patch 01



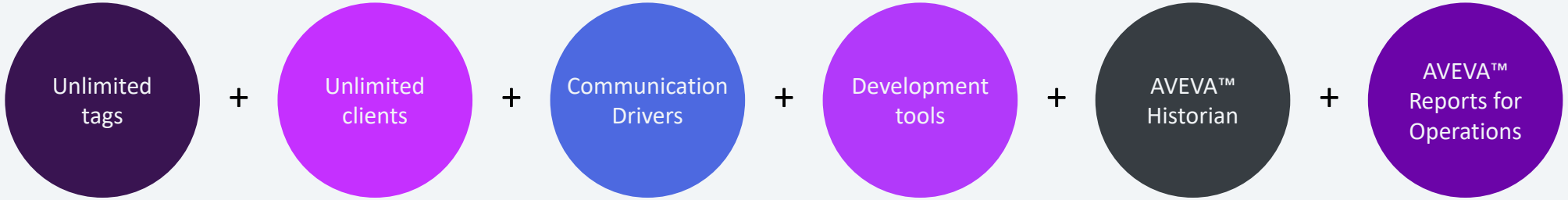
Runtime

Starting with version 2023 R2 Patch 01

© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

AVEVA™ InTouch Unlimited

Available today



InTouch *Unlimited* Standard
Perpetual license

Build efficient HMIs, communicate with automation devices and controllers, and log historical process data as well as alarms and events

$12,000

InTouch *Unlimited* Professional
Perpetual license

Scale up to data-intensive applications and manage multi-node deployment. Create and share self-service real-time dashboards. Expose application data through OPC UA Server.

$20,000

InTouch *Unlimited* Premier
Subscription

Pay-as-you-go commercial model. Same feature set as Professional, adding Unlimited Historian.

Contact distributor

© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

From small to unlimited everything

Available today

Features	AVEVA™ Operations Control (subscription only)	AVEVA™ InTouch Unlimited Premier (subscription only)	AVEVA™ InTouch Unlimited Professional ($20,000)	AVEVA™ InTouch Unlimited Standard ($12,000)	AVEVA™ InTouch Workstation 1k ($1,795)
Number of tags	**Unlimited**	**Unlimited**	**Unlimited**	**Unlimited**	**1,000**
Number of web clients	**Unlimited**	**Unlimited**	**Unlimited**	**Unlimited**	**1**
Number of RDS clients	**Unlimited**	**Unlimited**	**Unlimited**	1	1
Historian Server tags	**Unlimited**	**Unlimited**	5,000 tags	500 tags	n/a
Licensed nodes	**Unlimited**	2	1*	1*	1*
Communication drivers	Professional Edition	Professional Edition	Professional Edition	Standard Edition	Standard Edition
Reports for Operations	Included	Included	Included		
SaaS entitlements (Teamwork, Insight, Dev Studio)	Included				

Big picture roadmap

SUBJECT TO CHANGE AND REPRIORITIZATION

Acceleration

CONNECT-accelerated development and lifecycle management, development assistance through AI/ML, InTouch/Edge unification, continued modernization and expanded open extensibility

Independence

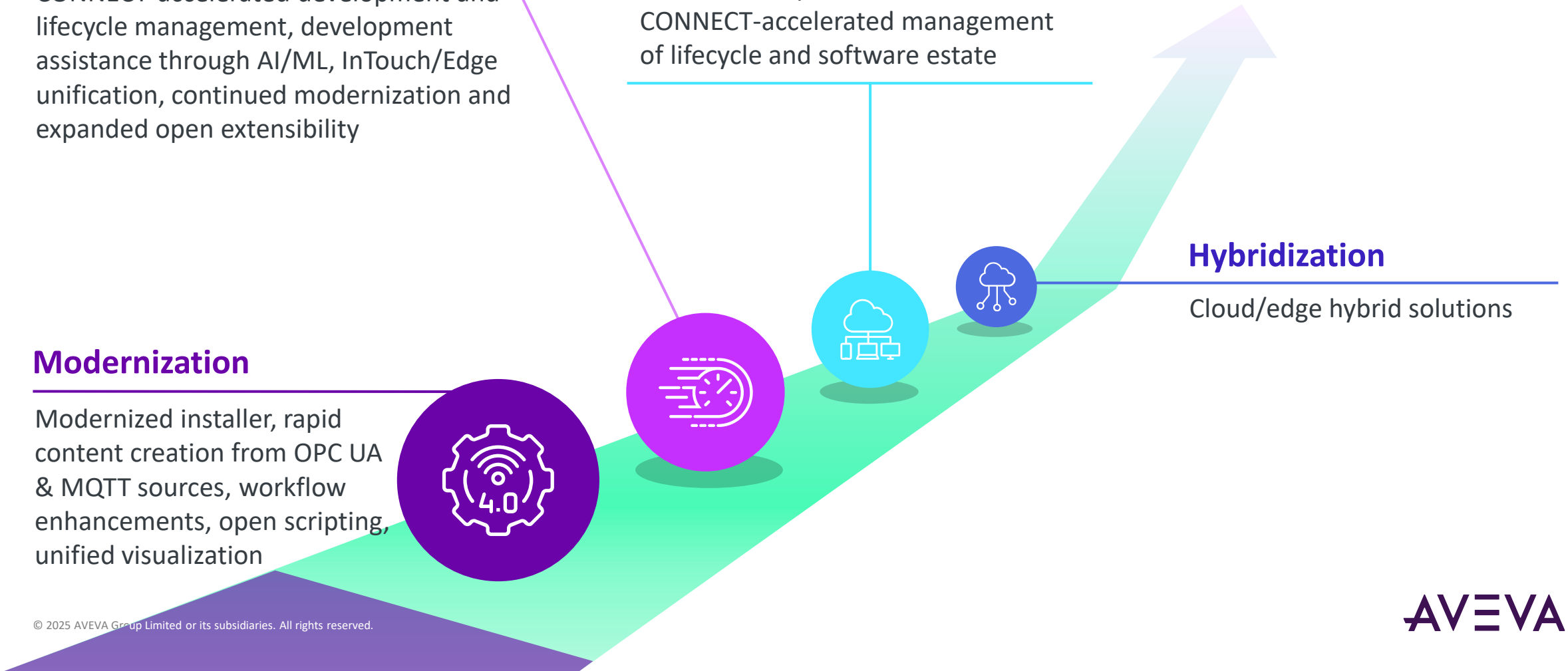
Platform independence, continued CONNECT-accelerated management of lifecycle and software estate

Hybridization

Cloud/edge hybrid solutions

Modernization

Modernized installer, rapid content creation from OPC UA & MQTT sources, workflow enhancements, open scripting, unified visualization



© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

AVEVA

Operations Control Technical Symposium

Day 3, Thurs
April 10th

Unlocking Digital Transformation with Operations Control & UNS Architecture: 10:00 – 12:15

Dive into a real-world, real-time UNS implementation, exploring key takeaways and use cases from ProveIt! 2025

Feedback session: 1:15 – 2:15

Share your thoughts, explore new ideas, and help shape the future of our solutions in a dynamic, engaging setting

Networking & social hour: 2:15 – 3:00

Visit the Heroes HQ booth and celebrate with our raffle prize giveaways along with free drinks and merch!

AVEVA

Questions?

Please wait for the microphone.

State your name and company.

Please remember to…

Navigate to this session in the mobile app to complete the survey.

Visit us at our Operations Control Technical Symposium this Thursday (Day 3)!

Thank you!

© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

This presentation may include predictions, estimates, intentions, beliefs and other statements that are or may be construed as being forward-looking. While these forward-looking statements represent our current judgment on what the future holds, they are subject to risks and uncertainties that could result in actual outcomes differing materially from those projected in these statements. No statement contained herein constitutes a commitment by AVEVA to perform any particular action or to deliver any particular product or product features. Readers are cautioned not to place undue reliance on these forward-looking statements, which reflect our opinions only as of the date of this presentation.

The Company shall not be obliged to disclose any revision to these forward-looking statements to reflect events or circumstances occurring after the date on which they are made or to reflect the occurrence of future events.

© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

linkedin.com/company/aveva

@avevagroup

ABOUT AVEVA

AVEVA is a world leader in industrial software, providing engineering and operational solutions across multiple industries, including oil and gas, chemical, pharmaceutical, power and utilities, marine, renewables, and food and beverage. Our agnostic and open architecture helps organizations design, build, operate, maintain and optimize the complete lifecycle of complex industrial assets, from production plants and offshore platforms to manufactured consumer goods.

Over 20,000 enterprises in over 100 countries rely on AVEVA to help them deliver life's essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.

Named as one of the world's most innovative companies, AVEVA supports customers with open solutions and the expertise of more than 6,400 employees, 5,000 partners and 5,700 certified developers. The company is headquartered in Cambridge, UK.

Learn more at www.aveva.com

© 2025 AVEVA Group Limited or its subsidiaries. All rights reserved.

AVEVA