NOVEMBER 2022

AVEVA™ System Platform 2023

Deep dive into the latest in AVEVA Operations Control – Supervisory, AVEVA System Platform 2023





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Greg Belcher

Program Manager – System Platform & OMI

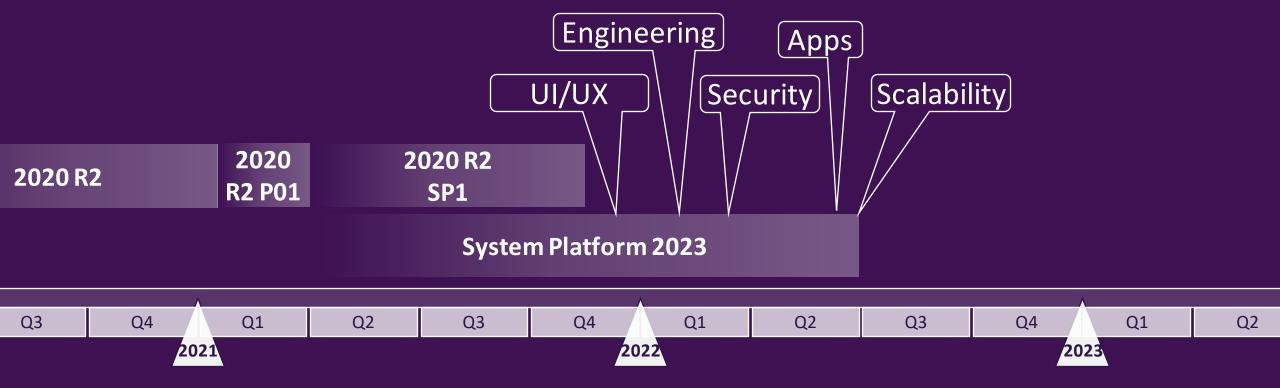
- AVEVA
- Greg.Belcher@AVEVA.com



The history







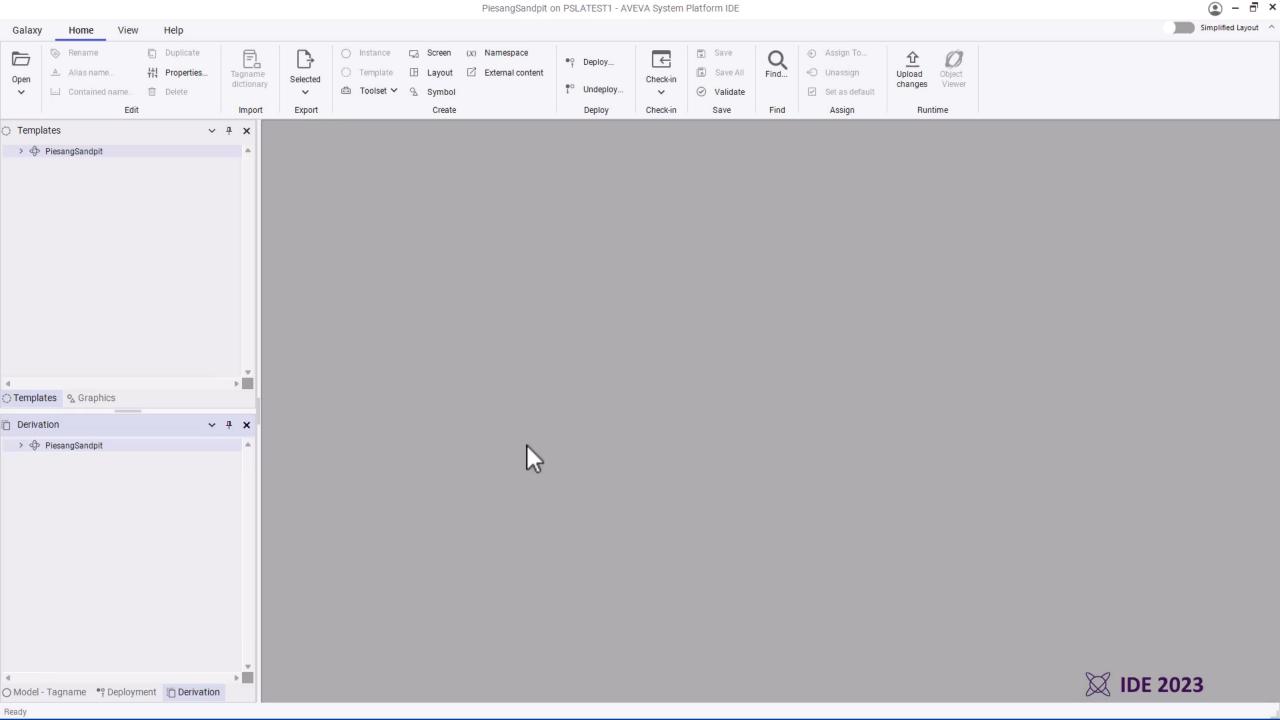


UI/UX Engineering Security Apps Scalability

User Interface

Modernisation





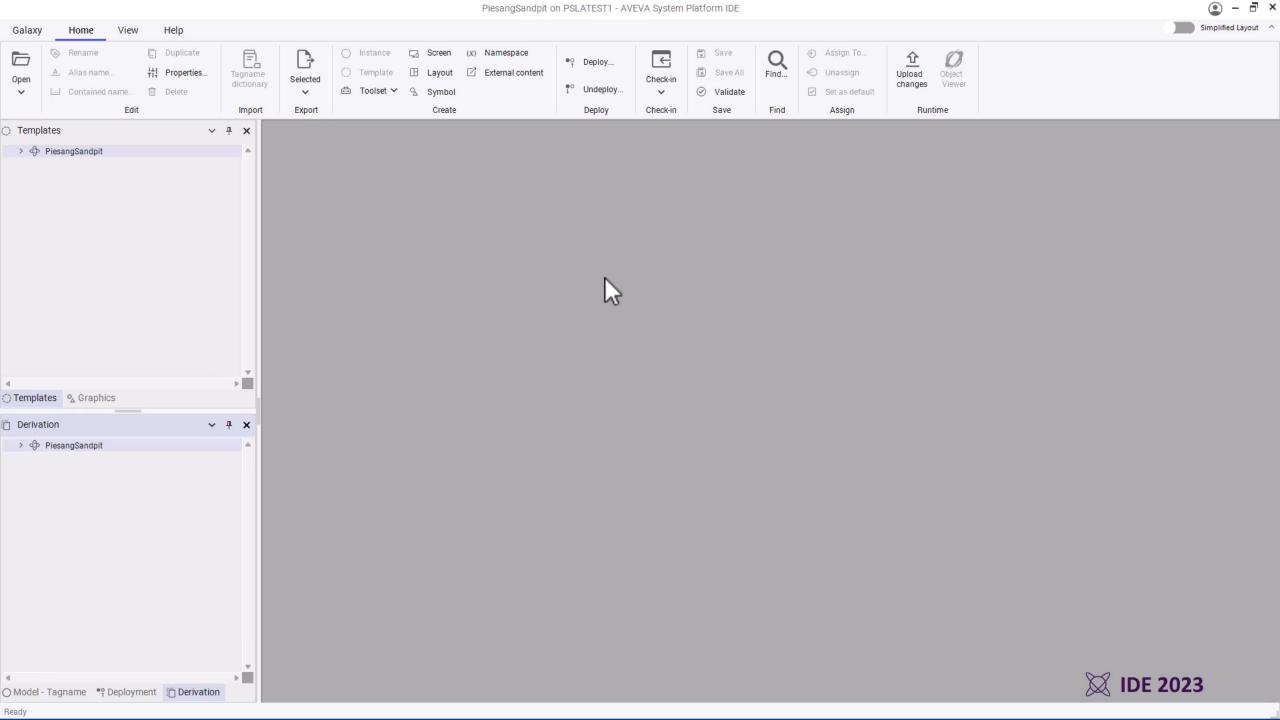
UI/UX Engineering Security Apps Scalability

User Interface
Modernisation

New Help file
system

Security Apps Scalability





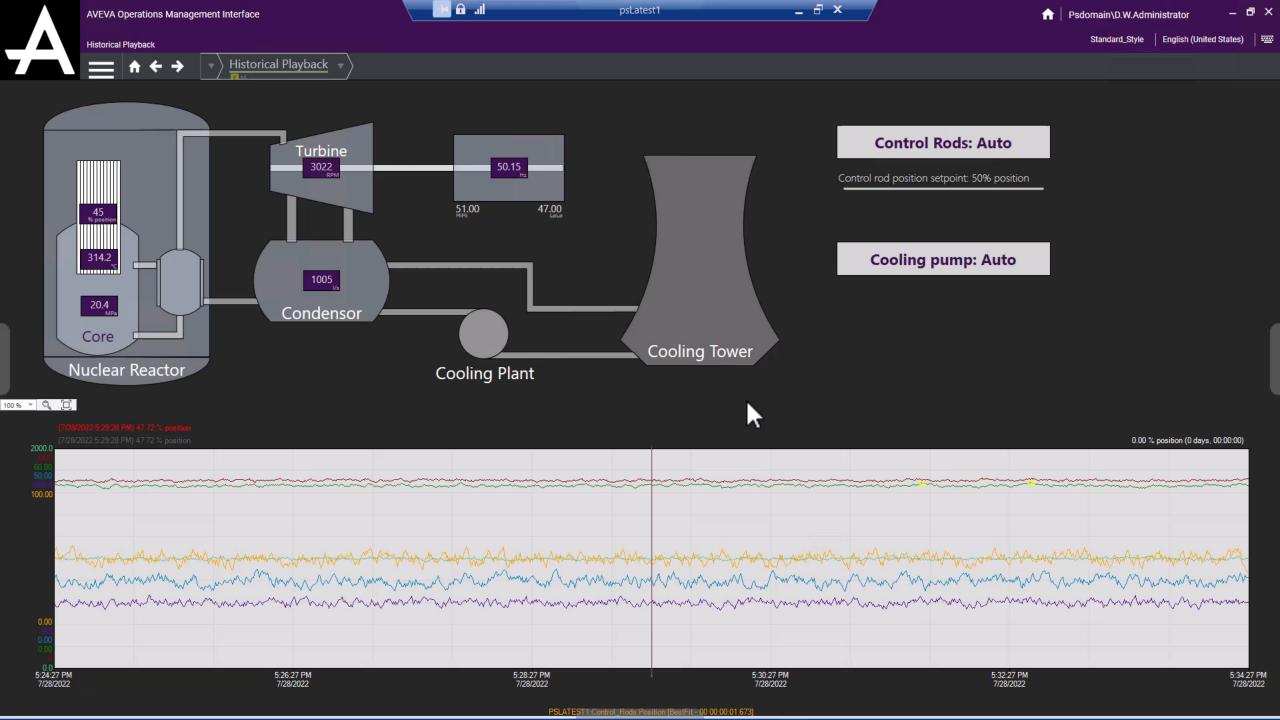
UI/UX Engineering Security Apps Scalability

User Interface Modernisation

New Help file system

Improved History Playback





UI/UX Engineering Security Apps Scalability

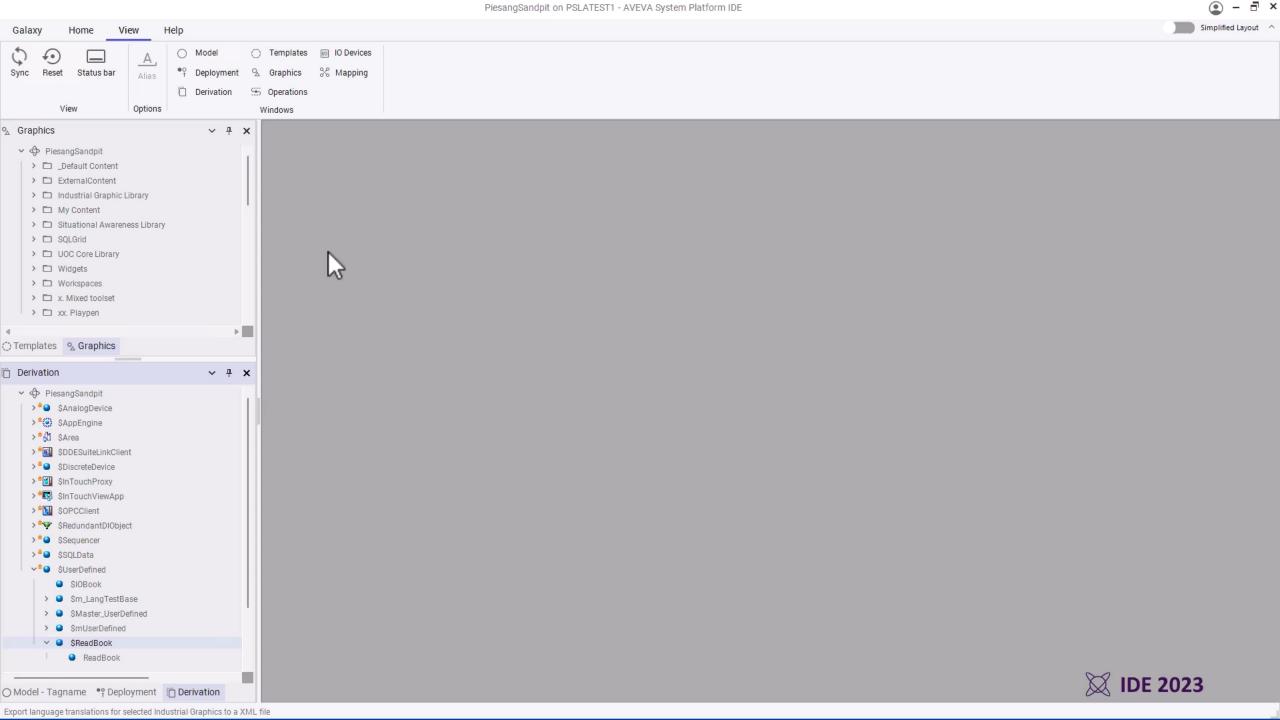
User Interface Modernisation

New Help file system

Improved History Playback

Improved Alarm Severity Count





UI/UX Engineering Security Apps Scalability

User Interface Modernisation

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Improved Alarm Severity Count

Grid View



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Widgets

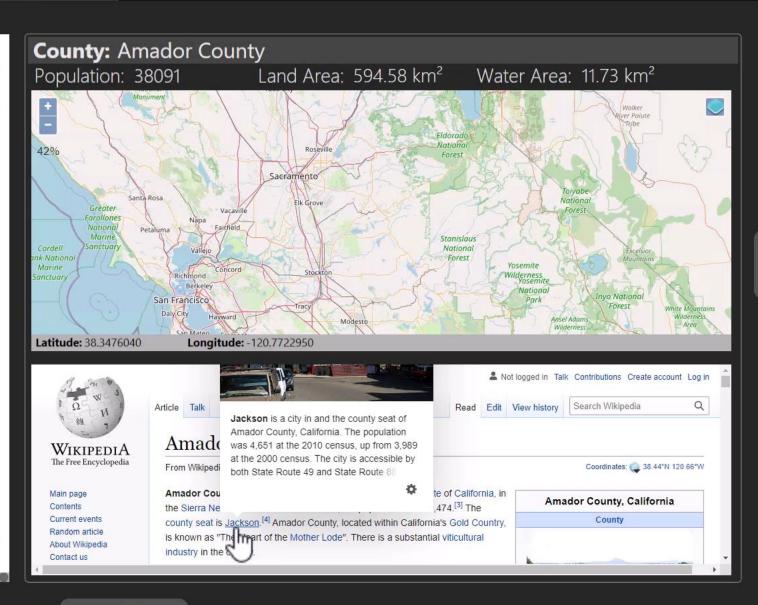
Widgets on Graphics

West Pacific

California -

Counties in California

County T	Full name	Popu 🔻	Lan 🔻	Wate ▼	La
Alameda	Alameda County	1510271	739.02	83.57	37.8
Alpine	Alpine County	1175	738.33	4.57	38.6
Amador	Amador County	38091	594.58	11.73	38.3
Butte	Butte County	220000	1636.46	37.62	39.5
Calaveras	Calaveras County	45578	1020.01	16.81	38.1
Colusa	Colusa County	21419	1150.73	5.54	39.2
Contra_Costa	Contra Costa County	1049025	715.94	82.2	38.0
Del_Norte	Del Norte County	28610	1006.37	221.94	41.7
El_Dorado	El Dorado County	181058	1707.88	77.25	38.7
Fresno	Fresno County	930450	5957.99	54.7	36.7
Glenn	Glenn County	28122	1313.95	12.36	39.5
Humboldt	Humboldt County	134623	3567.99	479.74	40.7
Imperial	Imperial County	174528	4176.6	307	32.7
Inyo	Inyo County	18546	10180.88	23.88	36.8
Kern	Kern County	839631	8131.92	20.46	35.3
Kings	Kings County	152982	1389.42	0.5	36.3
Lake	Lake County	64665	1256.46	71.52	39.0



















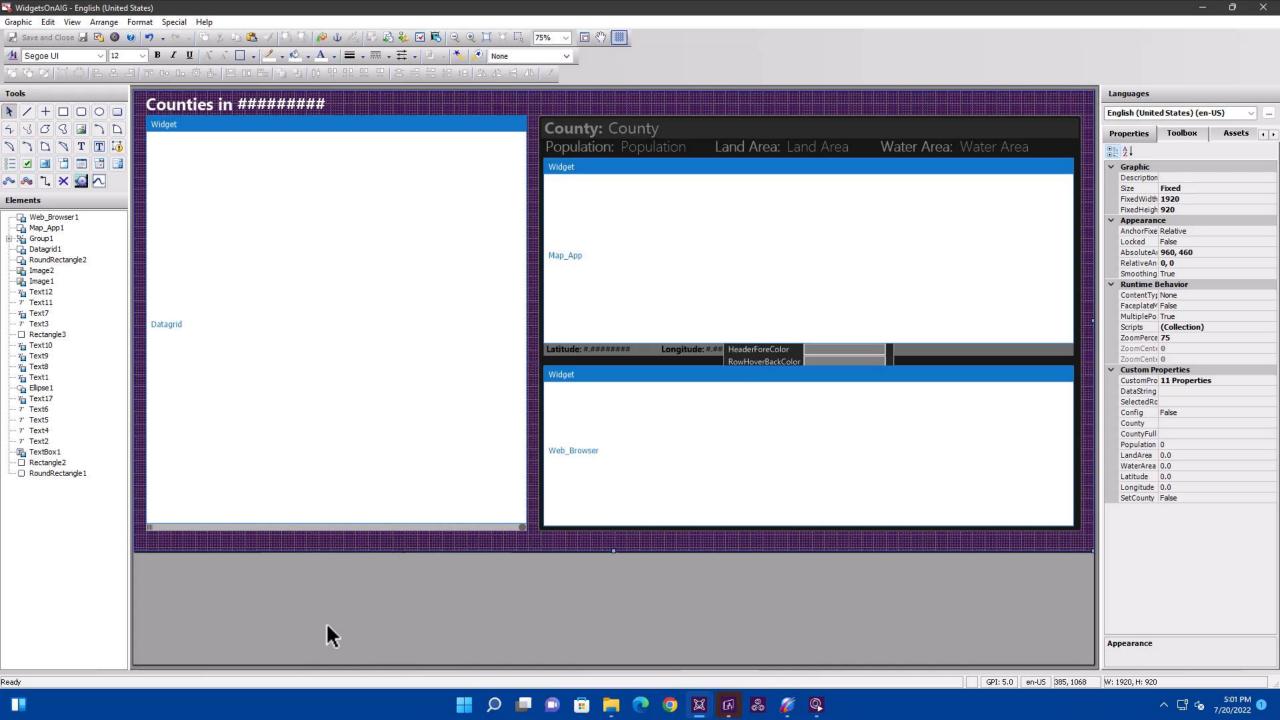






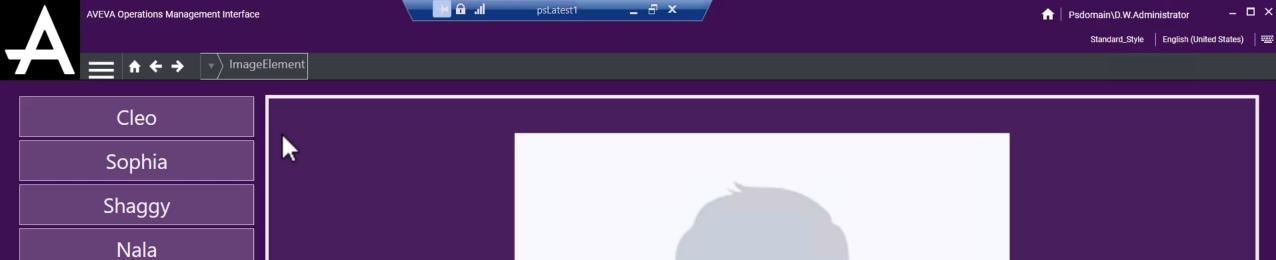
Scalability UI/UX Engineering Security Apps **User Interface** Modernisation **New Help file** system Improved History Playback **Improved Alarm Severity Count Grid View** Support Web widgets on AIG

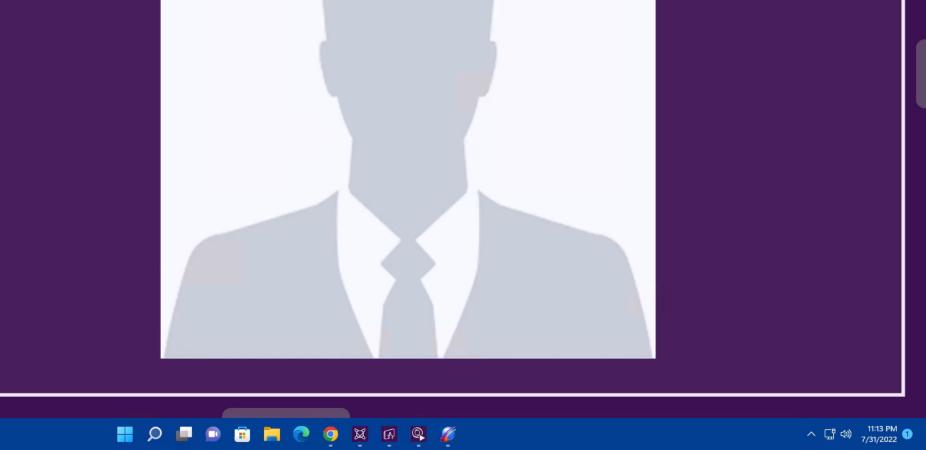




UI/UX Scalability Engineering Security Apps **User Interface Dynamic Images** Modernisation in Graphics New Help file system Improved History Playback **Improved Alarm Severity Count Grid View** Support Web widgets on AIG









Salem

Fiela

Coco

Khaya

Summer

Felix

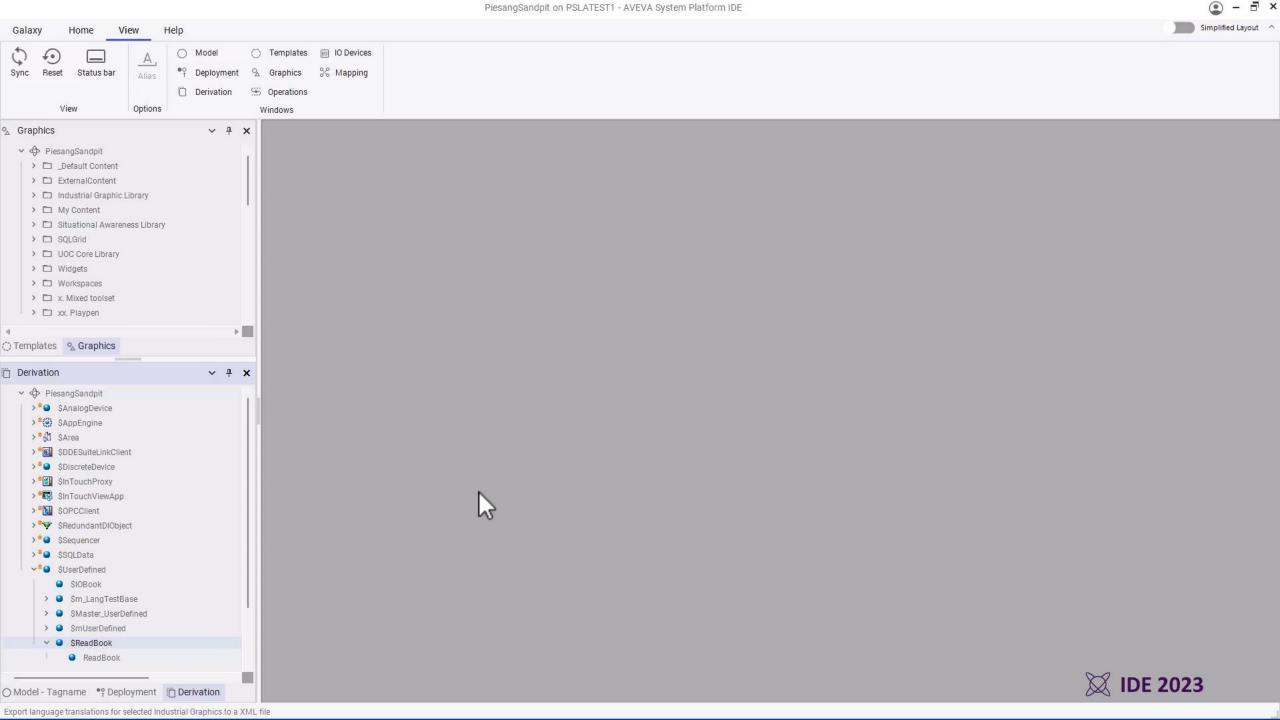
Bacon

Sunday nap

Judgement

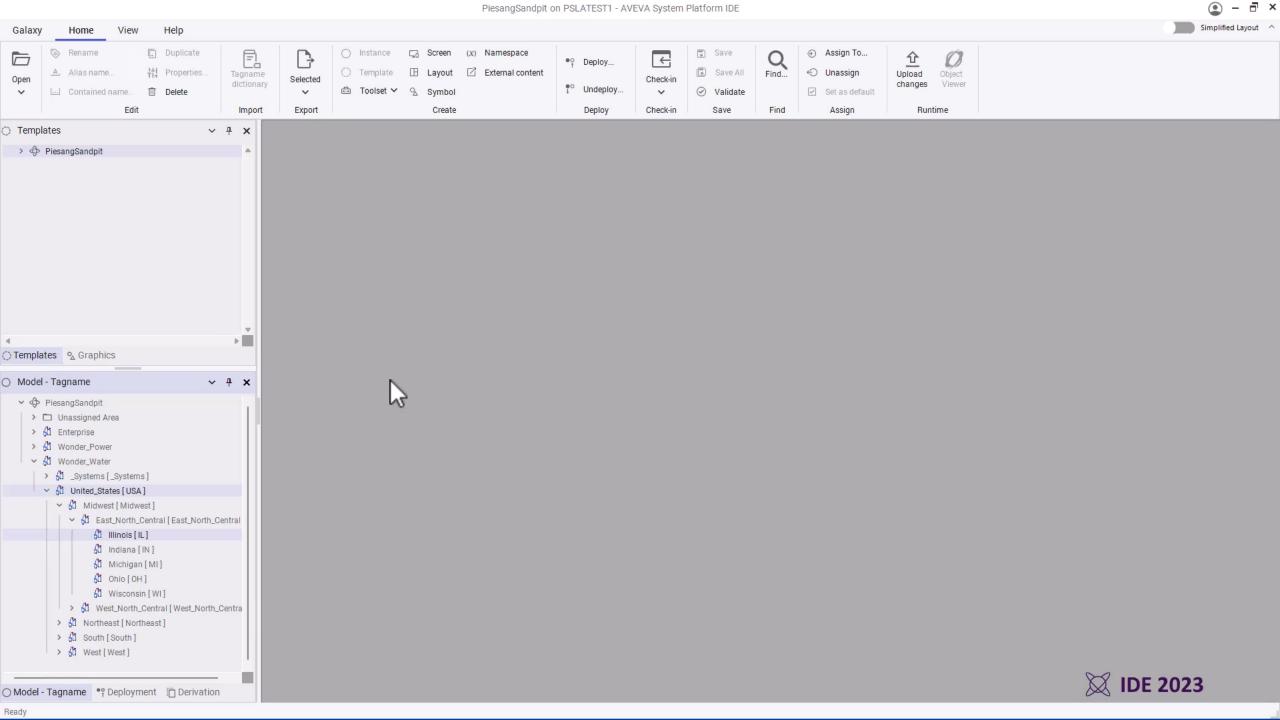
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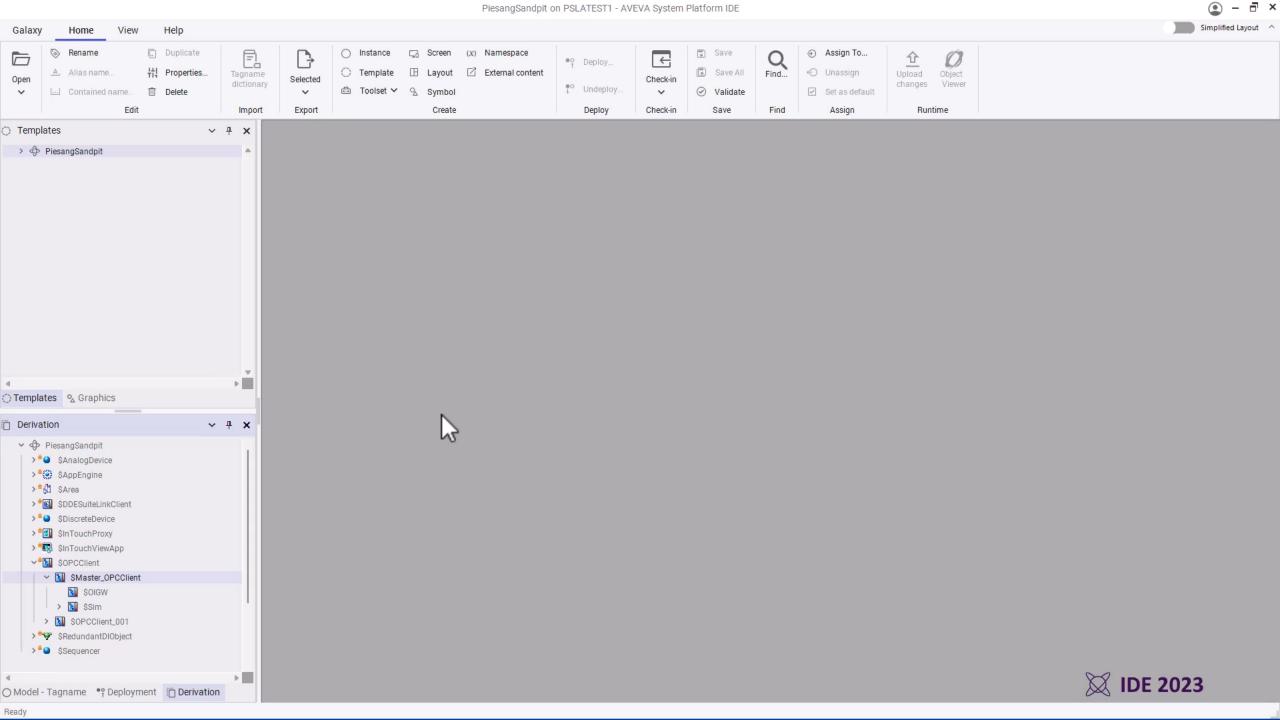
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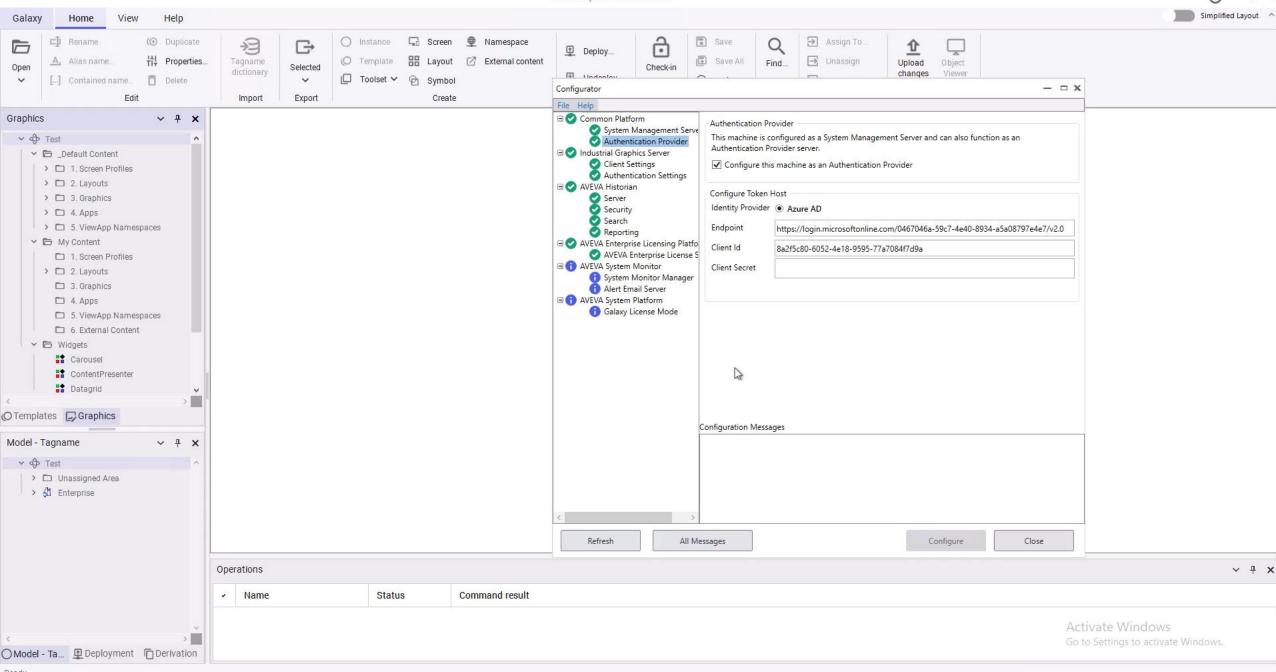
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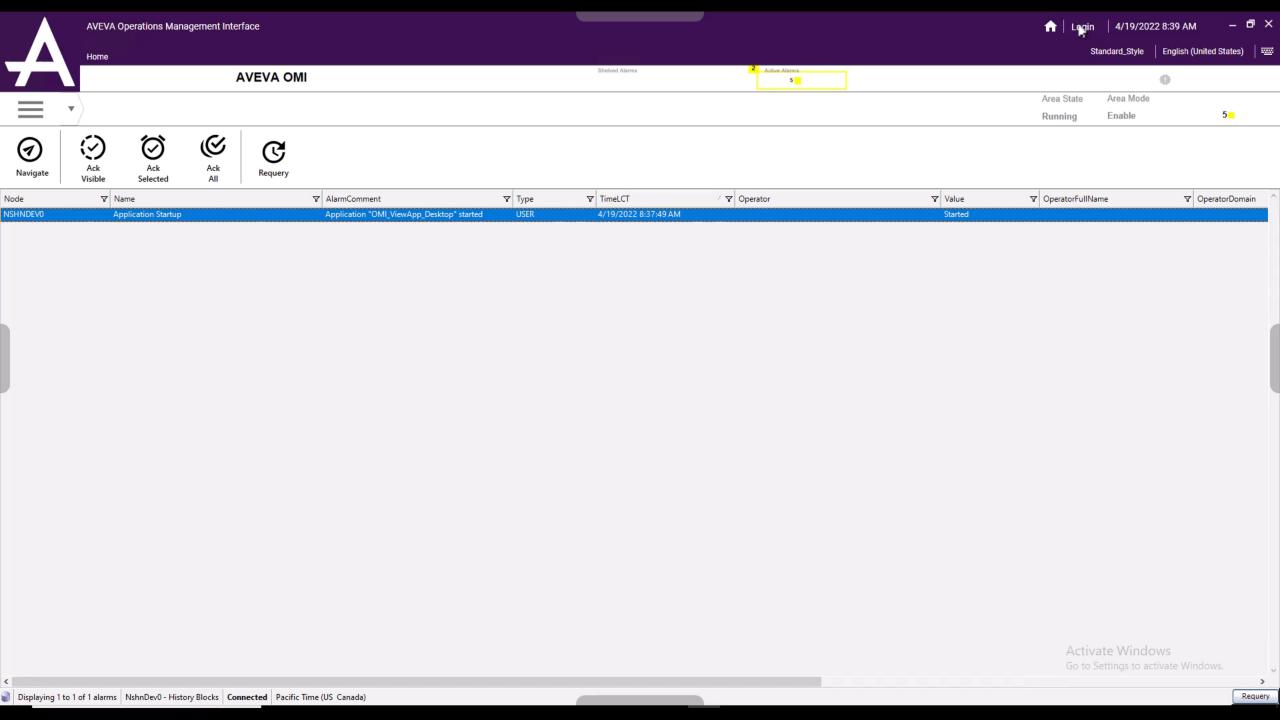
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UI/UX Scalability Engineering Security Apps **User Interface Dynamic Images Azure Active** Modernisation in Graphics **Directory** New Help file **Big String data CFR 21 part 11** security logs system type **Bulk import with Improved History** Wizard support Playback **Improved Alarm OPC** scan group default & path **Severity Count GR Access Grid View Toolkit Support Web** widgets on AIG





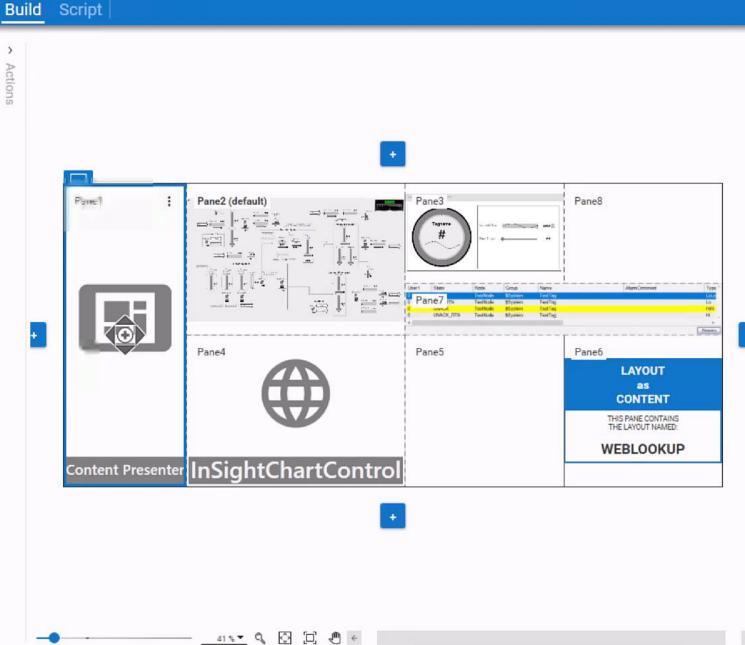
UI/UX Scalability Engineering Security Apps Dynamic Images **User Interface Azure Active** Alarm Group & Modernisation in Graphics Directory **Event Translation New Help file Big String data CFR 21 part 11** security logs system type **Improved History** Bulk import with Cybersecurity Playback Wizard support Hardening **Improved Alarm OPC** scan group **Severity Count** default & path **GR Access Grid View Toolkit Support Web** widgets on AIG

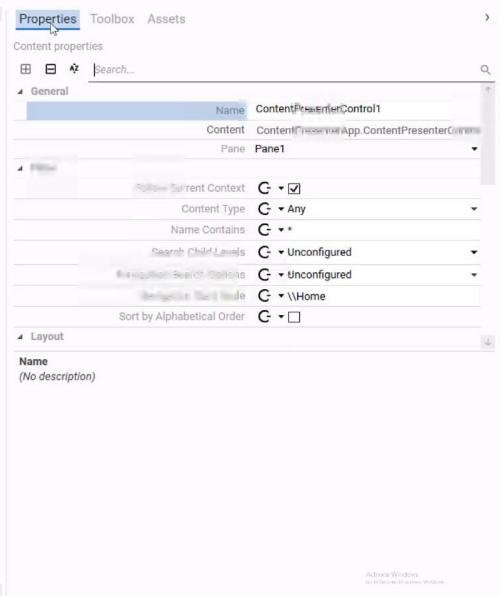


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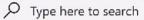
UI/UX Scalability Engineering Security Apps User Interface **Dynamic Images Azure Active** Alarm Group & Modernisation in Graphics Directory **Event Translation** New Help file **CFR 21 part 11 Big String data** Content security logs Presenter 2022 system type **Improved History Bulk import with** Cybersecurity Playback Wizard support Hardening **Improved Alarm OPC** scan group default & path **Severity Count GR Access Grid View Toolkit Support Web** widgets on AIG





























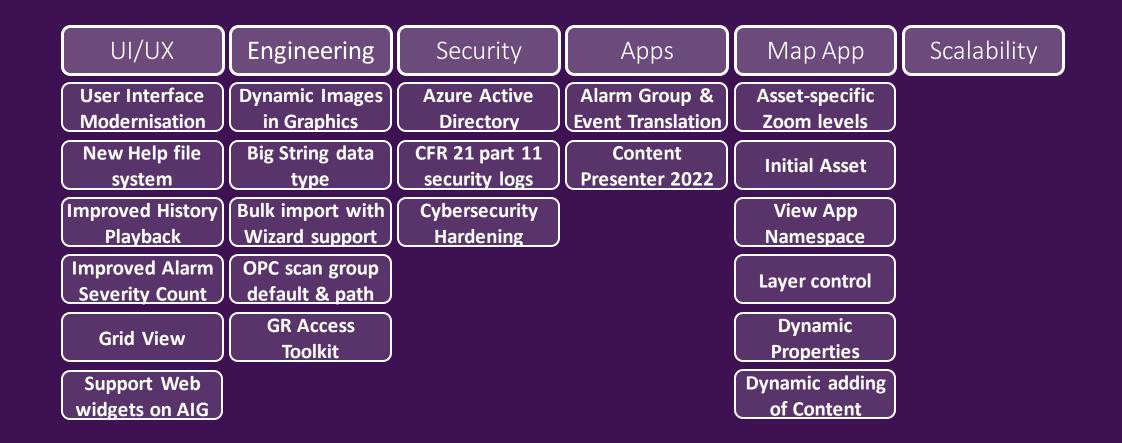




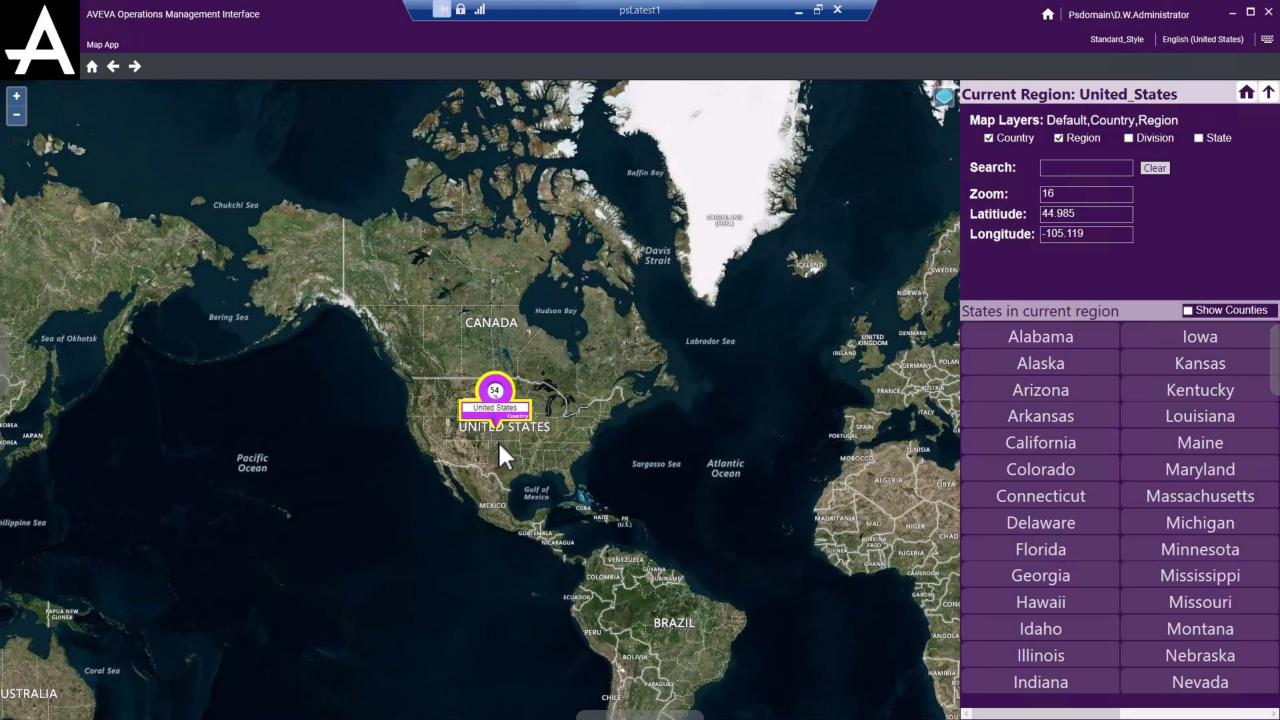


UI/UX Scalability Engineering Security Apps User Interface **Dynamic Images Azure Active** Alarm Group & Modernisation in Graphics Directory **Event Translation** CFR 21 part 11 New Help file **Big String data** Content security logs Presenter 2022 system type **Improved History Bulk import with** Cybersecurity Map App Playback Wizard support Hardening **Improved Alarm OPC** scan group default & path **Severity Count GR Access Grid View Toolkit Support Web** widgets on AIG



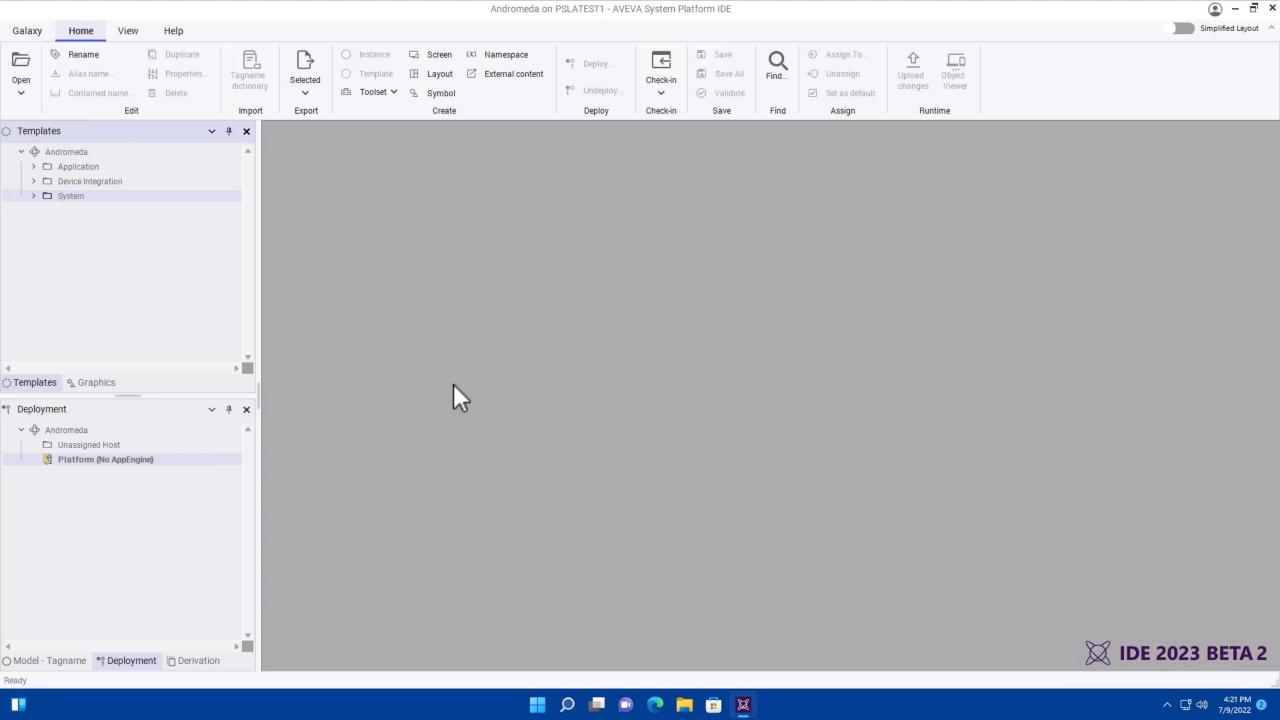






UI/UX Engineering Security Map App Scalability Apps **User Interface Dynamic Images** Alarm Group & **Asset-specific** Additive Flex App **Azure Active Modernisation** in Graphics **Directory Event Translation Zoom levels Engines** New Help file **Big String data CFR 21 part 11** Content **Initial Asset** security logs Presenter 2022 system type **Improved History Bulk import with** Cybersecurity **View App Playback** Wizard support Hardening Namespace **Improved Alarm OPC** scan group **Layer control Severity Count** default & path **GR Access Dynamic Grid View Toolkit Properties Support Web Dynamic adding** widgets on AIG of Content

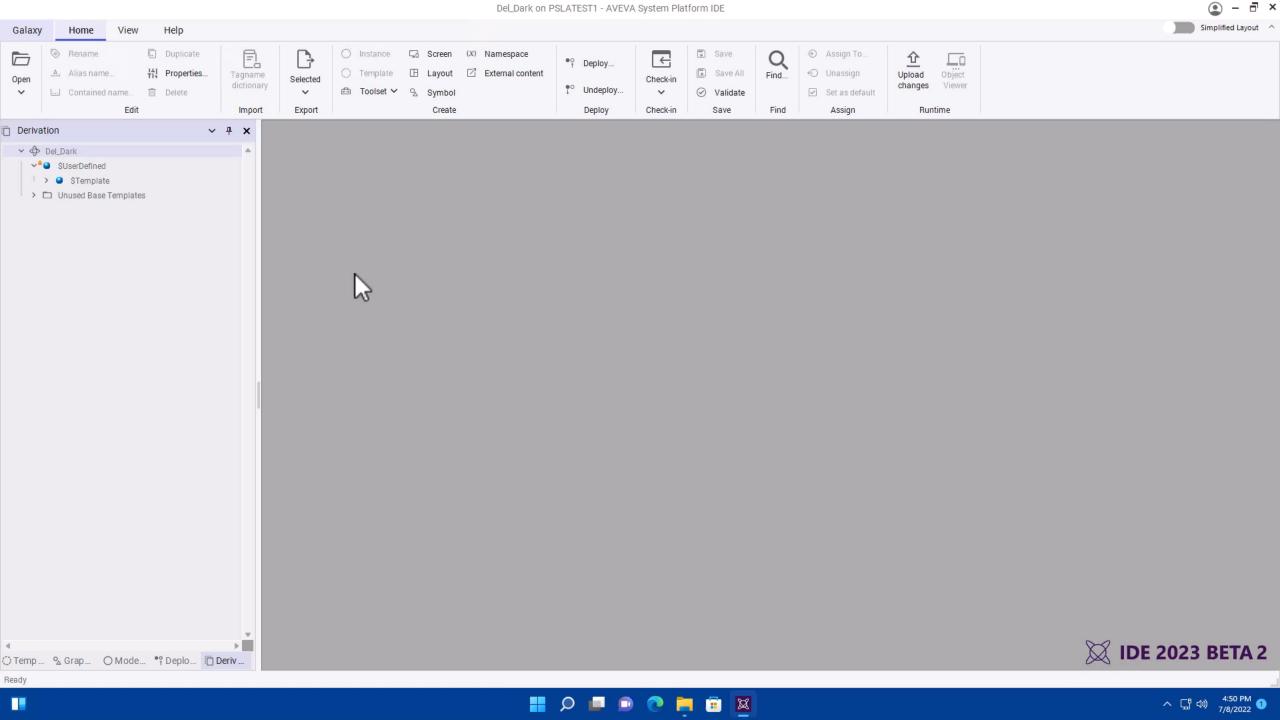




System Platform 2023

UI/UX Engineering Security Map App Scalability Apps **User Interface Dynamic Images** Alarm Group & **Asset-specific** Additive Flex App **Azure Active Modernisation** in Graphics **Directory Event Translation Zoom levels Engines** New Help file **Big String data CFR 21 part 11** Check-in Content **Initial Asset** security logs Presenter 2022 performance system type **Improved History Bulk import with** Cybersecurity **View App Playback** Wizard support Hardening Namespace **Improved Alarm OPC** scan group **Layer control Severity Count** default & path **GR Access Dynamic Grid View Toolkit Properties Support Web Dynamic adding** of Content widgets on AIG





System Platform 2023

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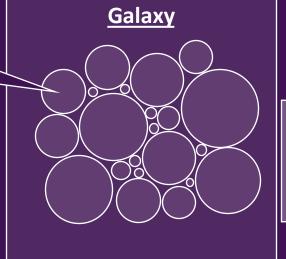


Scalability

When we started...

Scores of Platforms

Tens of Thousands of Objects





Hundreds of Thousands of IO







Scalability

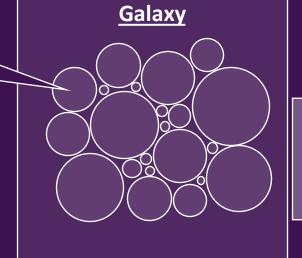
Today...

Scores of Platforms

Tens of Thousands of Objects

Millions of IO

Hundreds o









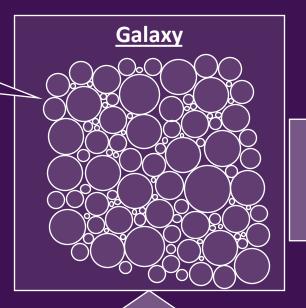


Scalability

Hundreds of Thousands of Objects

Millions of IO



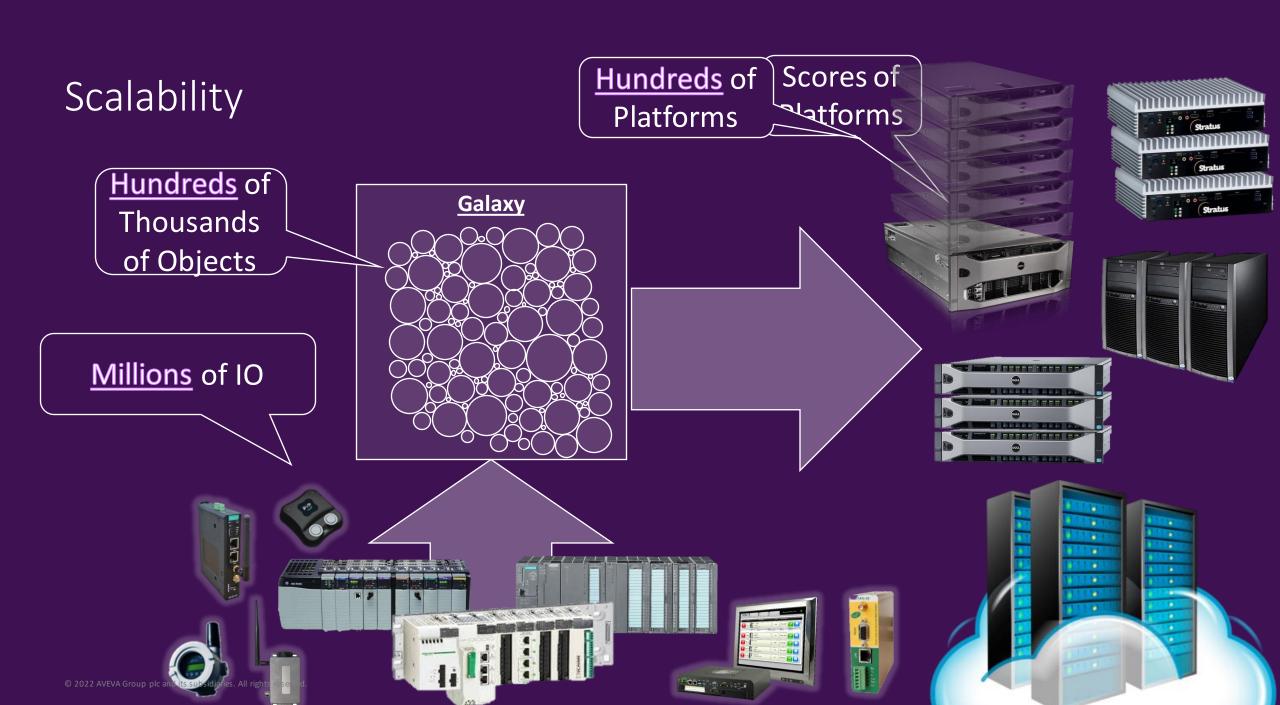












Scalability Testing



Small footprint tests



300k IO InTouch Node

Hyper-V

VMWare

SQL server versions

100k IO all-inone System Platform

Nutanix



Windows SAC/LTSC versions



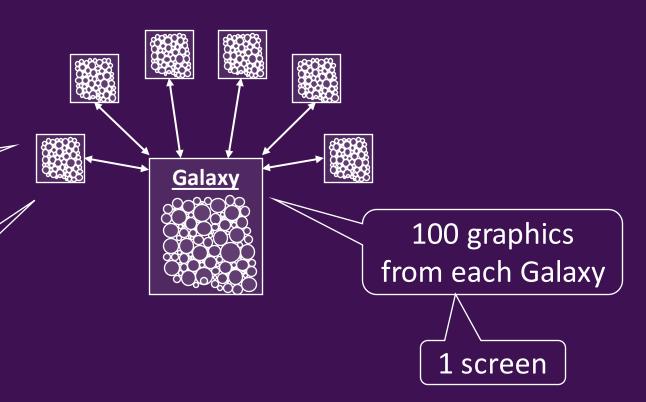




Scalability Testing

Multi-Galaxy Communication

> 55 Galaxies







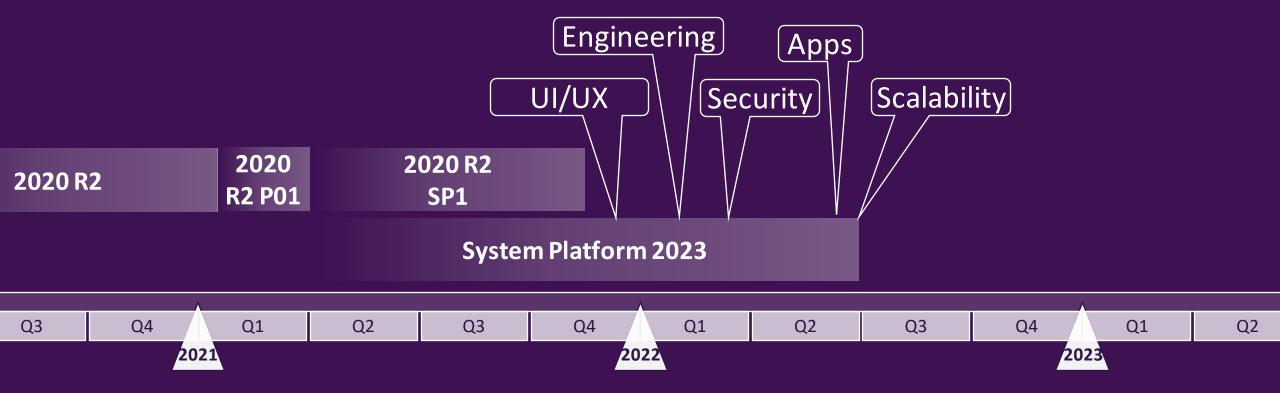






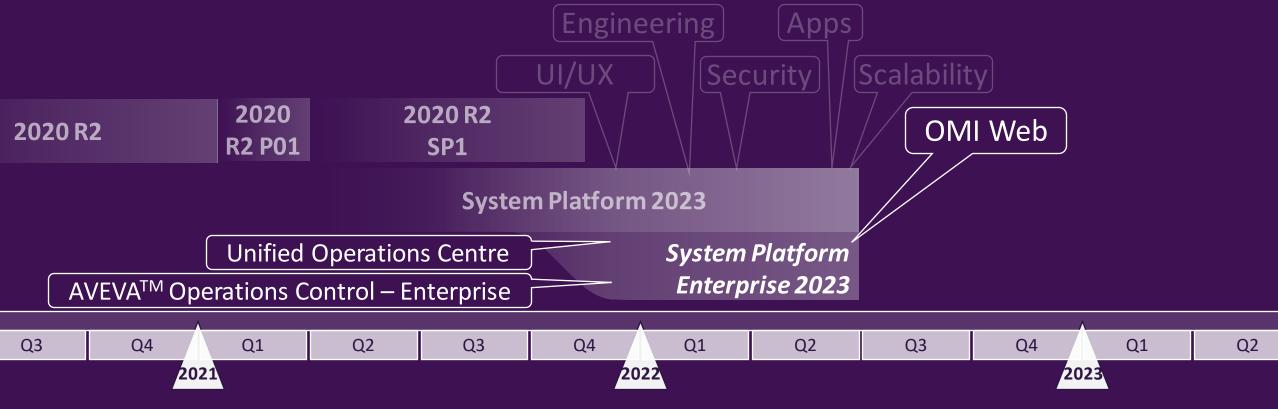


System Platform 2023



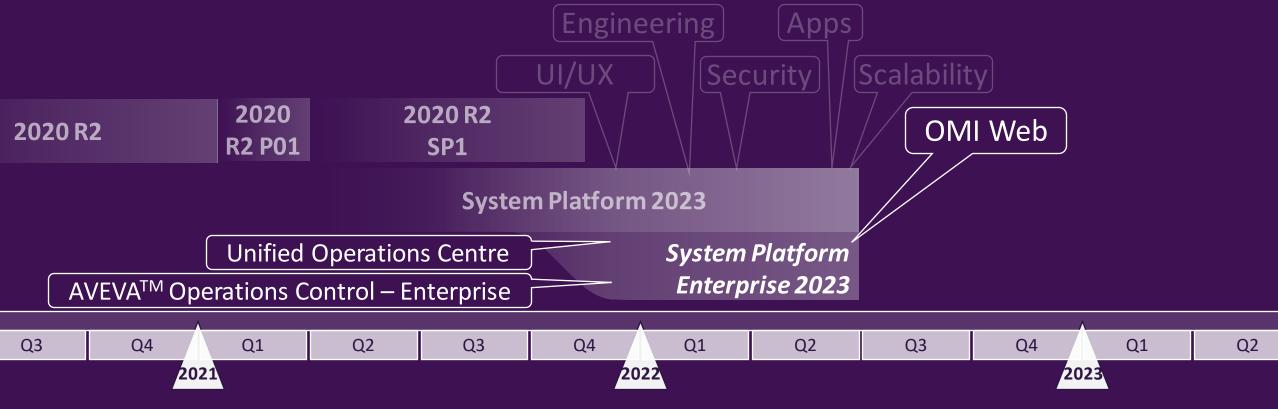


System Platform Enterprise 2023

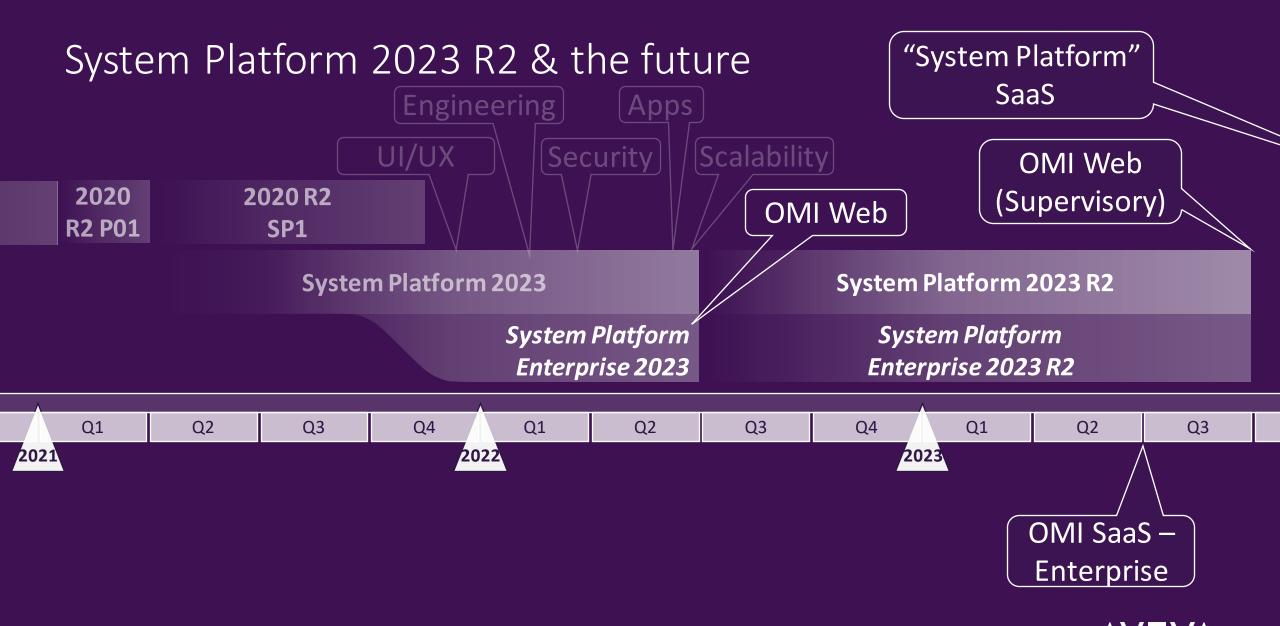




System Platform Enterprise 2023







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.





Thank you!

AVEVA

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ABOUT AVEVA

AVEVA is a global leader in industrial software, sparking ingenuity to drive responsible use of the world's resources. The company's secure industrial cloud platform and applications enable businesses to harness the power of their information and improve collaboration with customers, suppliers and partners.

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. With operations around the globe, we are headquartered in Cambridge, UK and listed on the London Stock Exchange's FTSE 100.

Learn more at www.aveva.com

