

AVEVA PI WORLD

PI Vision Deeper Dive

Product Overview and Latest Features

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Agenda

PI Vision overview

PI Vision 2021 latest features/demos

- Asset-based PI Vision calculations
- Offline display management
- Event visualization enhancements

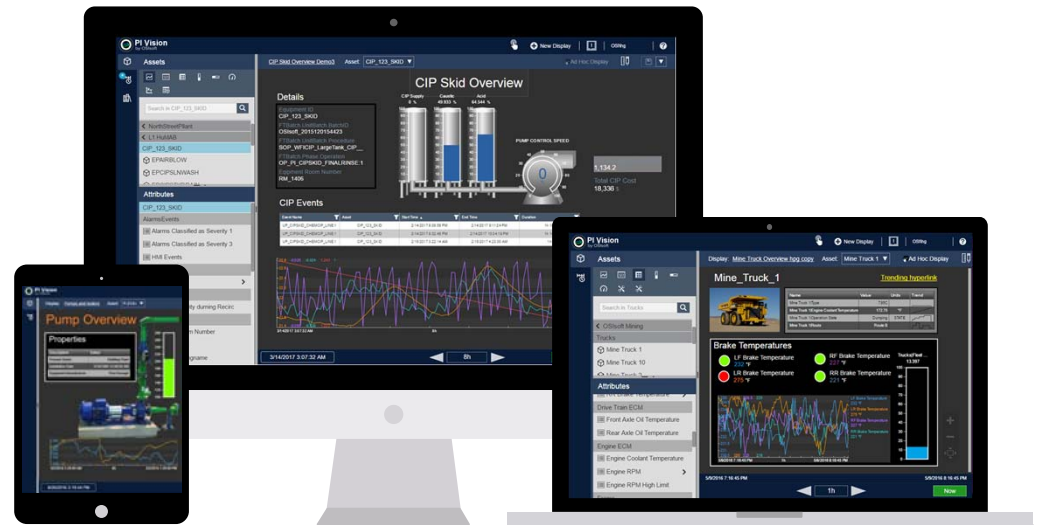
The fastest, easiest way to visualize PI Server data

PI Vision

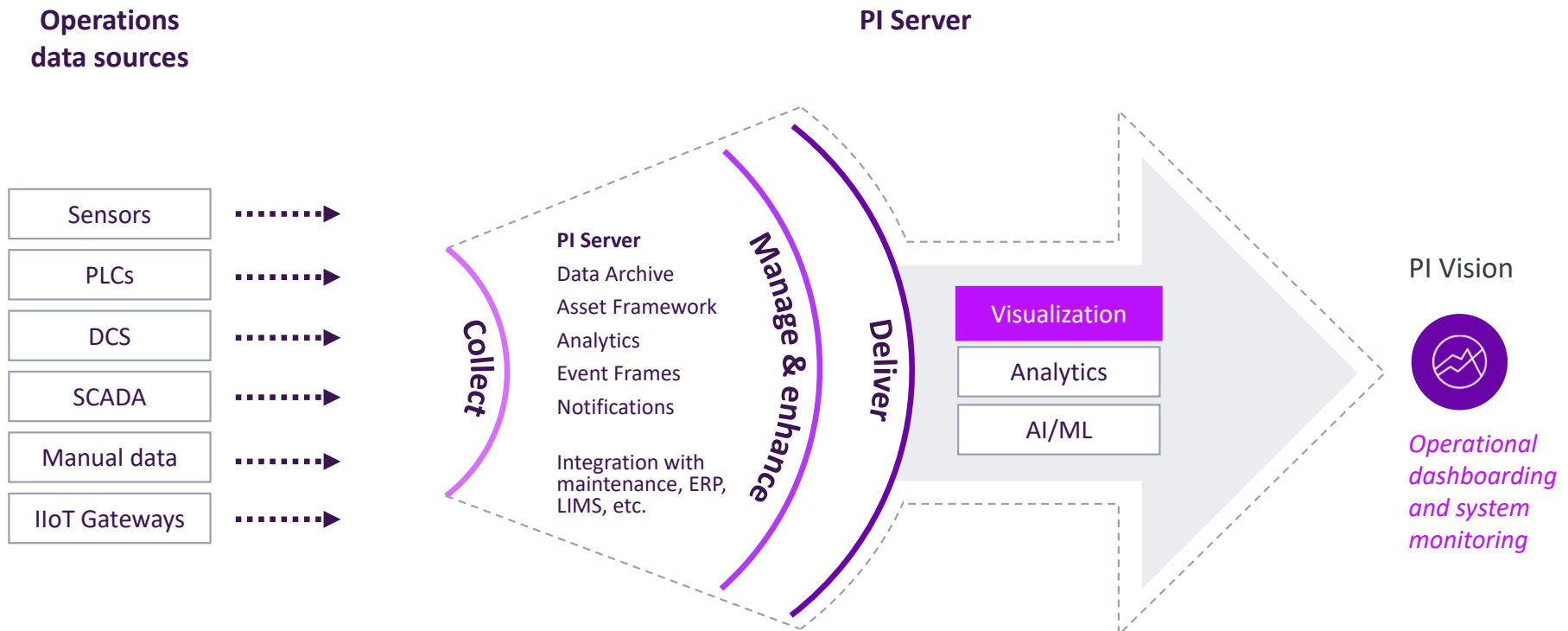
An **easy to use, self-service, scalable** solution

Access data from any web browser, including **mobile** device browsers

Share displays across your organization



Visualization with operations data infrastructure



Benefits of PI Vision



Easy to use

Intuitive interface
Dynamic displays
Easy display navigation



Self-service

Quick access to data
Fast display building
Mobile capabilities



Scalable

Rapid deployment and roll-out
Display organization
Reduce number of displays

Benefits of PI Vision

Easy to use

- **Intuitive** interface
- **Dynamic** displays
- Display **navigation**



Operator & engineer

Within minutes, begin building your own displays and discovering insights into your assets



Plant manager

Shorten the learning curve of new team members

Benefits of PI Vision

Self-service

- **Quick access** to data
- **Fast** display building
- **Mobile** capabilities



Operator & engineer

Find the data you need without dependency on other business groups like IT



Plant manager

Optimize the performance of your team



IT

Reduce the resources needed to help operations with data access

Benefits of PI Vision

Scalable

- **Reduce** number of displays
- Display **organization**
- **Rapid deployment** and roll-out



IT

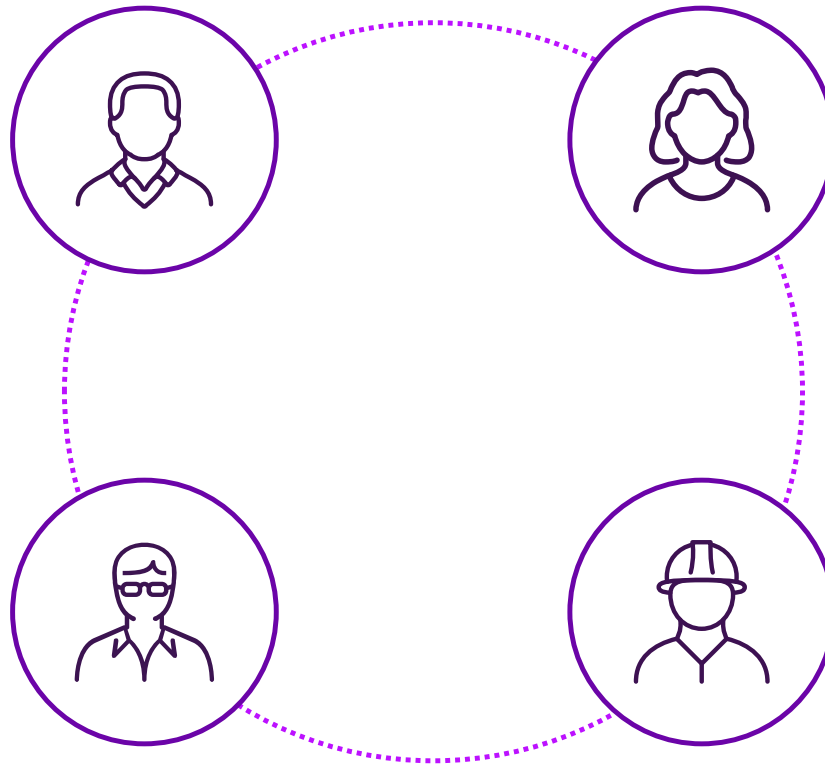
Easy to manage, maintain, and upgrade. Reduce the time it takes to roll-out new projects



Upper management & executives

Easily view KPIs across your entire organization

Visualization that benefits the entire organization





PI Vision 2021

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PI Vision 2021

- Asset-based calculations
- Offline display management
- Event Frame visualization enhancements

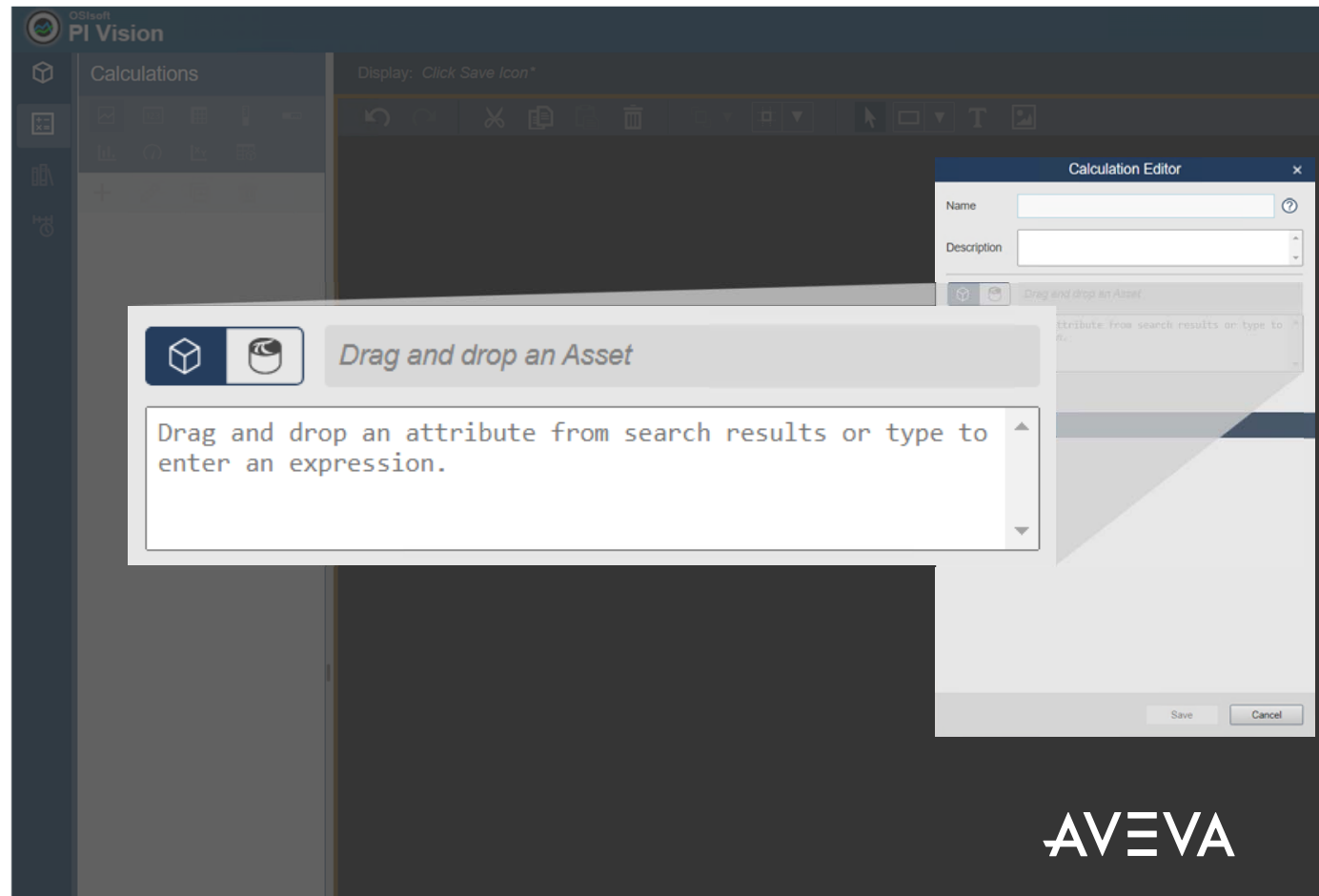


Expand your ad-hoc capabilities

Asset-based calculations

What's new?

- Use **AF attributes** to build out ad-hoc calculations
- Calculations built from AF attributes are compatible with **asset relative use cases**



Expand your ad-hoc capabilities

Calculation usage reports

What's new?

- Administrator's can now access PI Vision calculation usage reports to help identify and troubleshoot resource-intensive calculations

PI Vision Administration

Overview
Configuration
User Access Levels
Display Management
User Settings
Reports
Import Folder Management

Reports

PI Vision Usage Reports
View or export usage summary reports for the PI Vision database

Detailed display content information	Year to date	View	Export	
Display usage information	Year to date	View	Export	Details
Calculation usage information	Year to date	Export		
Users who have accessed PI Vision within a specific time range	Year to date	View	Export	Details
List of all PI Vision users	View	Export		
Get the count of Publishers and Explorers	Year to date	View	Export	



Demo

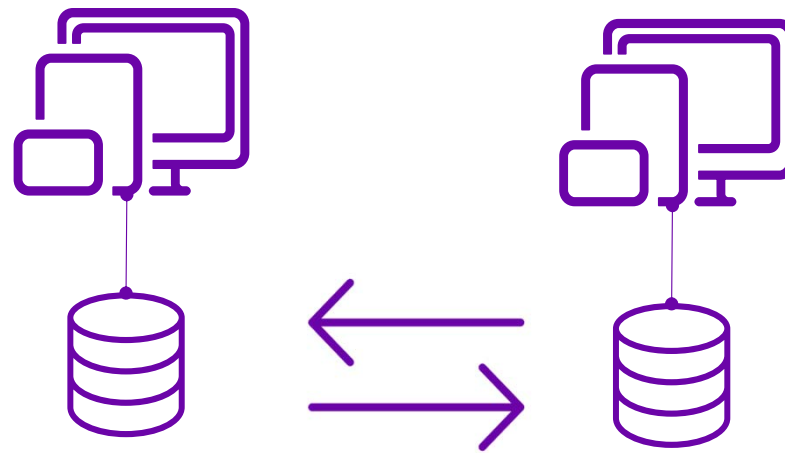
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Simplify display management

Offline display management

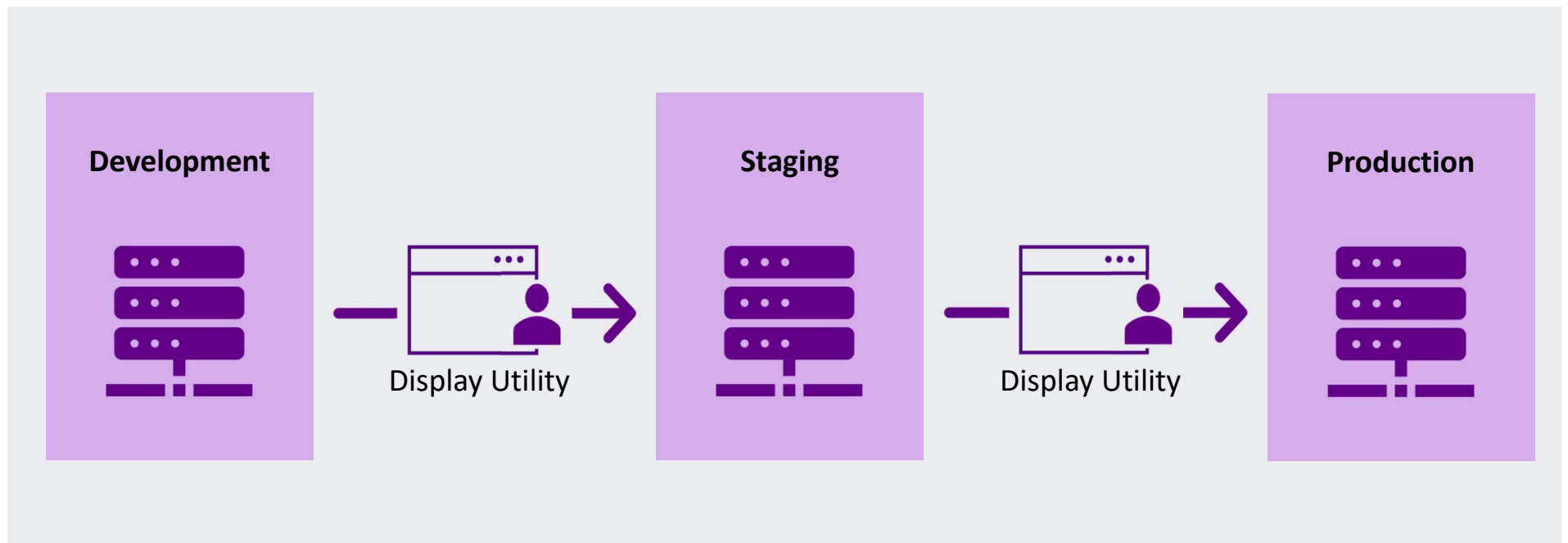
What's new?

- Easily **promote displays across disconnected environments** through the PI Vision display utility
- With the utility, displays can now be **stored locally** or leverage the **API** to allow the process to be done programmatically



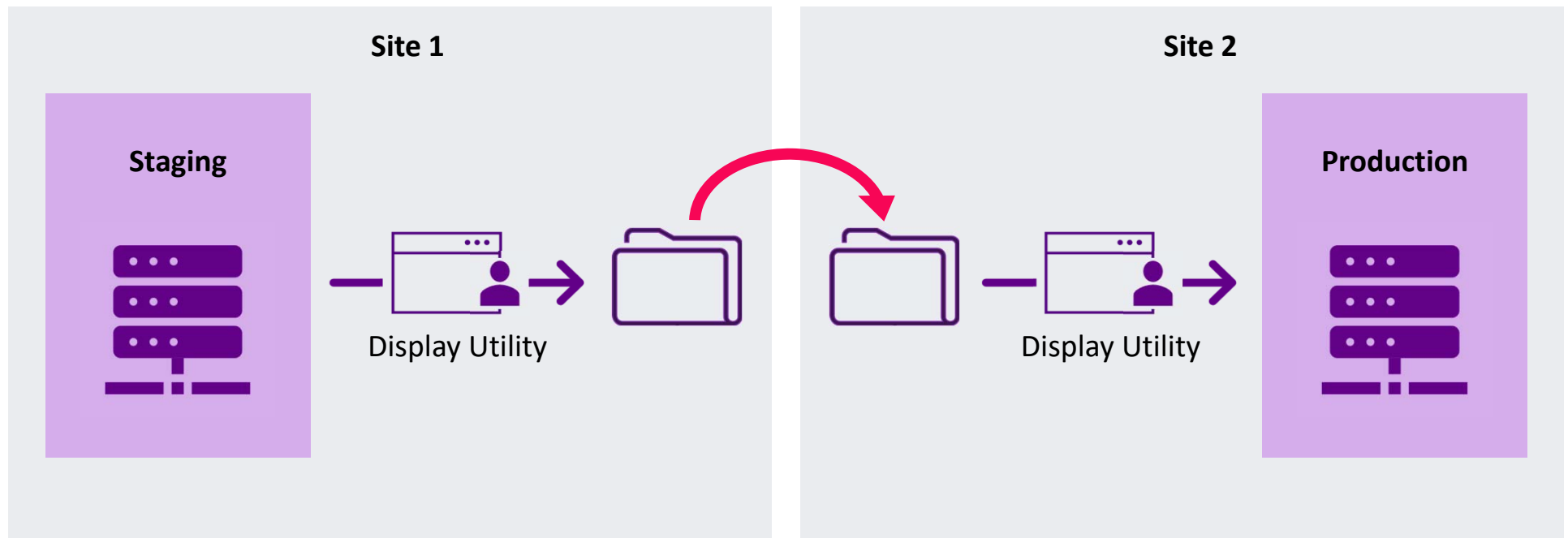
Simplify display management

Offline display management



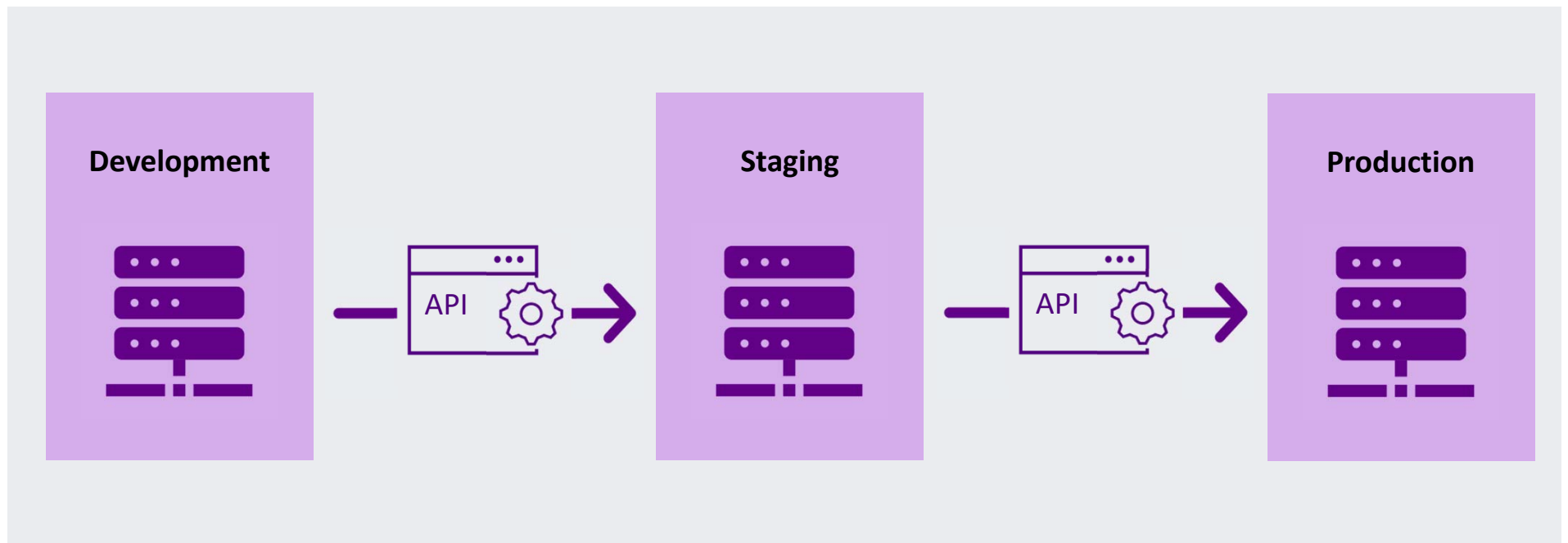
Simplify display management

Offline display management



Simplify display management

Offline display management





Demo

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Prioritize your critical events

Event Frame visualization enhancements

What's new?

- **Attribute values in event tables**
- Event comparison trending
- Improved event detail functionality and trending options

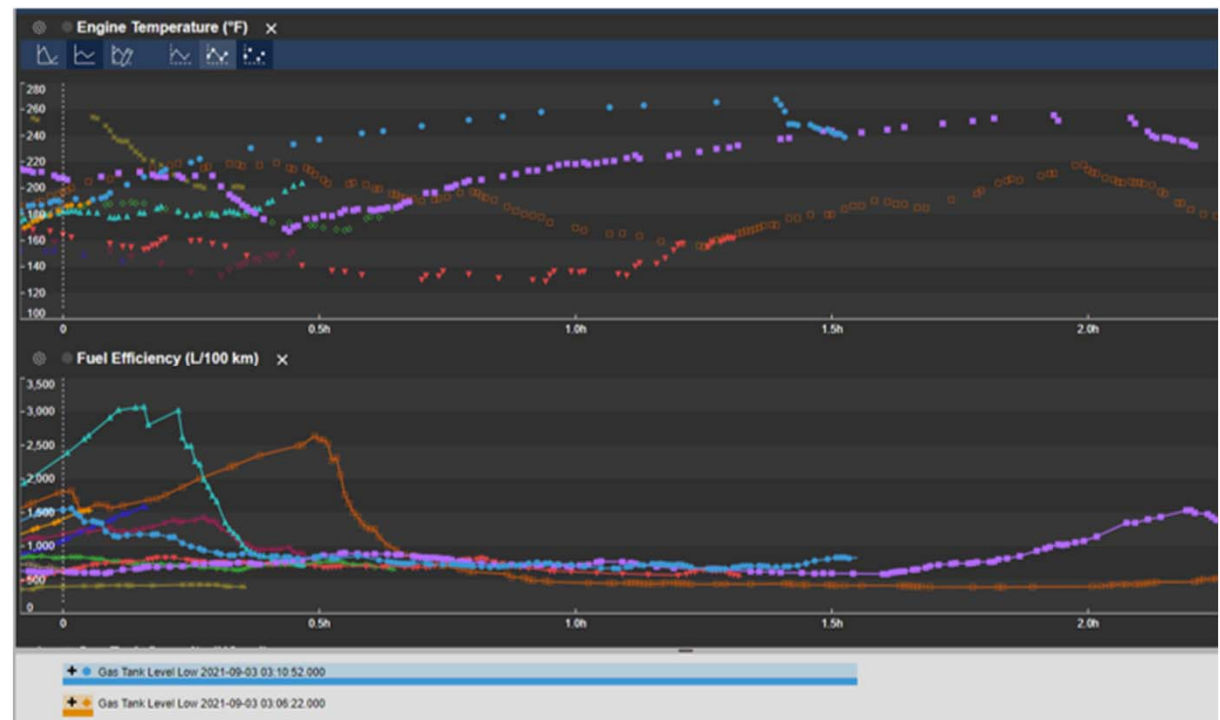
HIGH TEMPERATURE EVENTS									
Event Name	Start Time	End Time	Bearing A Temp...▲	Bearing B Temp...	Gearbox Temp...	Generator 1 Temp...	Generator 2 Temp...	Nacelle Temp...	Acknowledgment
HighTurbineTemp_GE 01_2020-08-13 22:03:44.755	8/13/2020 10:03:44 PM	In Progress	35.425	56.918	59.677	72.109	70.614	27.601	
HighTurbineTemp_GE 01_2020-11-07 21:53:15.688	11/7/2020 9:53:15 PM	In Progress	35.518	62.872	60.34	69.945	71.091	22.955	
HighTurbineTemp_GE 01_2020-08-19 09:28:50.887	8/19/2020 9:28:50 AM	In Progress	36.418	54.593	60.799	56.029	57.712	27.594	
HighTurbineTemp_GE 01_2021-09-09 17:29:02.429	9/9/2021 5:29:02 PM	In Progress	36.514	60.758	59.838	71.56	70.456	25.809	
HighTurbineTemp_GE 01_2020-11-06 06:44:26.169	11/6/2020 6:44:26 AM	In Progress	36.72	54.716	60.651	60.59	58.393	27.564	
HighTurbineTemp_GE 01_2020-12-04 16:41:50.166	12/4/2020 4:41:50 PM	In Progress	37.03	61.866	60.806	75.283	71.975	27.257	

Prioritize your critical events

Event Frame visualization enhancements

What's new?

- Attribute values in event tables
- **Event comparison trending**
- Improved event detail functionality and trending options

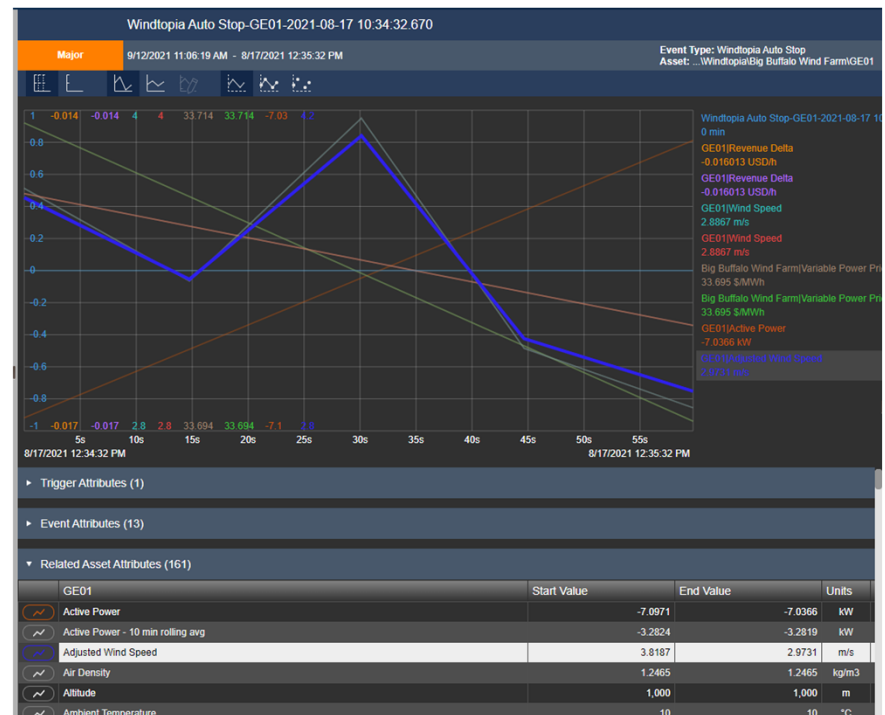


Prioritize your critical events

Event Frame visualization enhancements

What's new?

- Attribute values in event tables
- Event comparison trending
- **Improved event detail and trending options**





Demo

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Summary

- PI Vision is the visualization tool of choice for the PI System
- PI Vision 2021 introduces:
 - Asset-based PI Vision calculations
 - Offline Display Management
 - Event Frame visualization enhancements
 - And much more!



Communicate with Product Managers

<https://feedback.osisoft.com>

Share your ideas, vote on others



Amit Dutta

Technical Product Manager

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THANK YOU

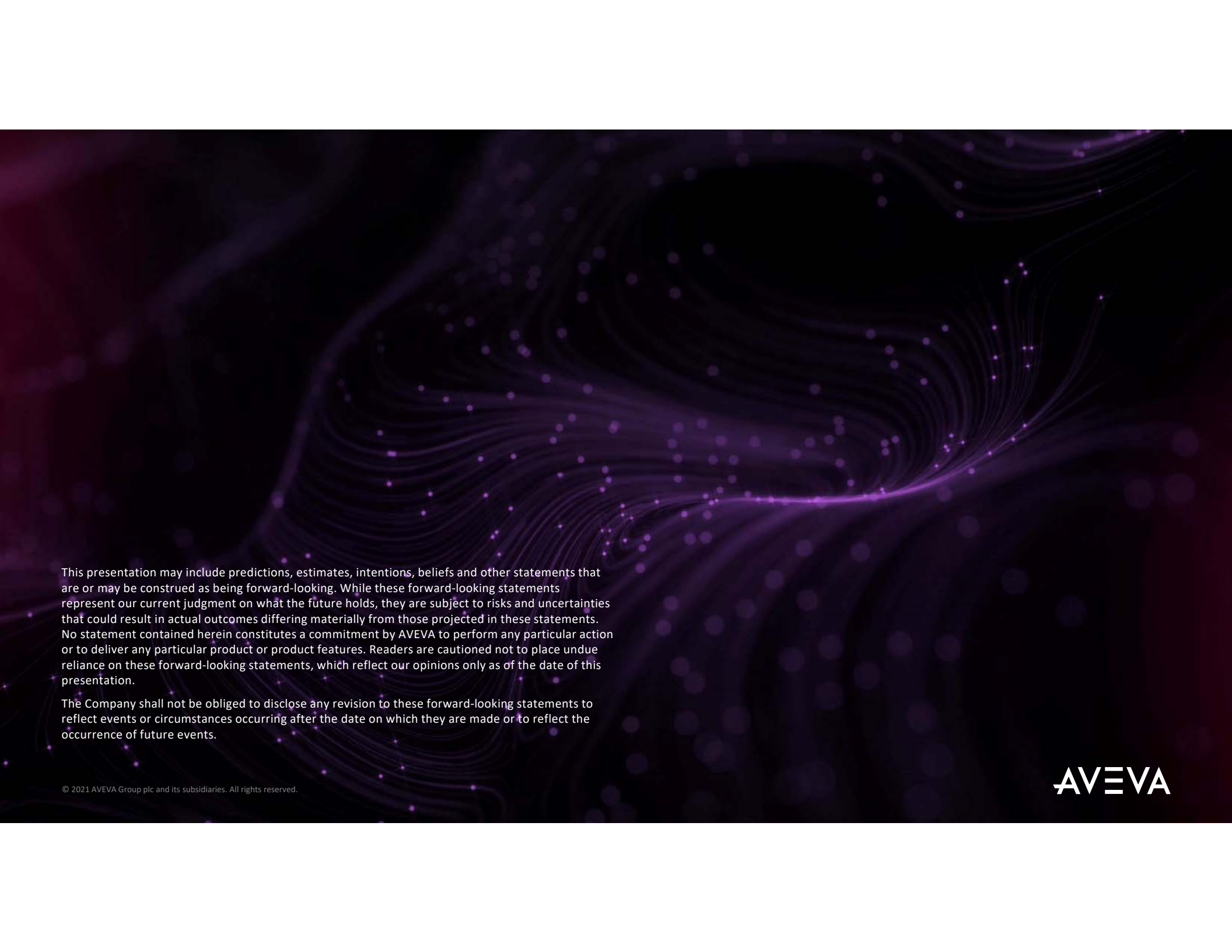
謝謝

DZIĘKUJĘ CI NGIYABONGA TEŞEKKÜR EDERIM DANKIE TERIMA KASIH SPASIBO GRAZIE MATUR NUWUN ХВАЛА ВАМ MULTUMESC PAKMET CIZGE 고맙습니다 GRAZIE شكرا FAAFETAI ESKERRIK ASKO HVALA HVALA TEŞEKKÜR EDERIM OBRIGADO MERCI DI OU MÈSI ĎAKUJEM

KÖSZÖNÖM GO RAIBH MAITH AGAT БЛАГОДАРЕА ТИ БЛАГОДАРАМ ТАК DANKE RAHMAT HATUR NUHUN CẢM ƠN BẠN WAZVIITA FALEMINDERIT

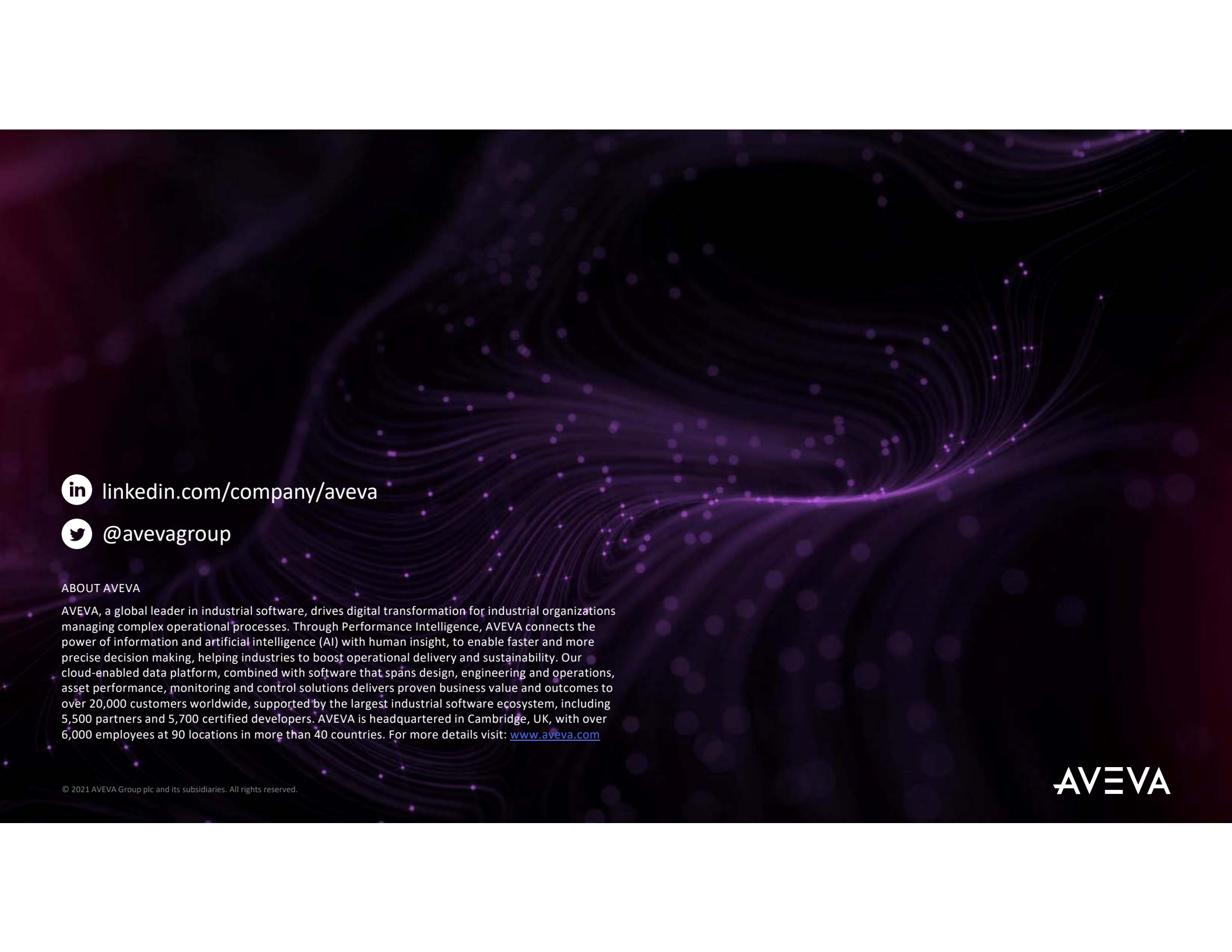
TAPADH LEIBH KEA LEBOHA MISAOTRA ANAO WHAKAWHETAI KOE DANKON TANK TAPADH LEAT SALAMAT


GRACIAS EΥΧΑΡΙΣΤΩ GRATIAS TIBI MAHALO IĀ 'OE TAKK SKAL DU HA GRAZZI PAKKA PÉR SIPAS JI WERE TERIMA KASIH UA TSAUG RAU KOJ ТИ БЛАГОДАРАМ СИПОС




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