

Here is our monthly newsletter detailing the latest news and events at ISS and AVEVA along with industry information pertinent to digital transformation. Look forward to industry news and blogs, recommended reading, and upcoming webinars and training courses!

[Click here to give feedback on what you'd like to see!](#)



Are you effectively utilizing your data with real-time analysis, visualization, and AI to predict and address future challenges? If not, time to get started with **AVEVA's Performance Intelligence System** and create your own **Data Digital Twin!**

Consider the success of ArcelorMittal Mining, who saw a **300% decrease in concentrator slowdown**, a **5% improvement in conformity**, and an **additional \$120 million in revenue** after implementing the AVEVA PI System as part of their Data Digital Twin.

Don't you want to achieve similar results?

[Learn About Data Digital Twin](#)

[Read ArcelorMittal Case Study](#)

## Industry News & Blogs

### **End unplanned downtime: Best practices for asset failure mitigation**

From the power generation and chemicals industries to manufacturing and paper, use cases paint dramatic portraits of unplanned outages averted with the help of...[read more](#)

### **Protection without patching (virsec blog)**

Relying almost exclusively on the current Detect-Respond-Remediate paradigm, organizations still struggle with what is quickly becoming a vulnerability-driven...[read more](#)

### **Driving sustainability in mining, metals, and materials**

To pave the path for a sustainable and profitable future, Mining, Metals, and Minerals companies around the world must digitally transform work...[read more](#)

### **CISA's Catalog Of Known Exploited Vulnerabilities and the Massive Patch Management Problem (virsec blog)**

Recent cyberattacks on US federal agencies have demonstrated how important it is to enact proactive measures...[read more](#)

### **Reactors - the heart of a refinery**

Reactors are often referred to as the heart of a refinery - and for good reason. Both the heart and reactors are vital for a healthy, functioning system...[read more](#)

## Recommended Reading



### Manufacturing excellence with Digital Twins

Digital twins are revolutionizing the manufacturing industry, offering vital and unprecedented levels of situational awareness. Digital twins bring insights that can increase throughput, improve product quality/yield, simulate what-if scenarios, minimize energy costs, and much more... But what exactly is a digital twin?

[Read Whitepaper](#)



### Driving Digital Value: The data science behind smart, sustainable, high-performance buildings

Managing building portfolios is no small feat. Facilities managers must ensure efficient building operations, provide reliable energy and climate control, keep costs down, and more. Operational data can increase visibility and give facilities managers the insights they need to optimize building performance.

[Read Whitepaper](#)

## Did You Know...

- Buildings are by far the biggest users of energy, accounting for nearly 50% of the energy generated in the United States [Source](#)
- Cities consume 2/3 of global energy consumption and account for more than 70% of greenhouse gas emissions [Source](#)
- USA deteriorating infrastructure is already costing the economy close to \$200 billion a year [Source](#)

## Tech Notes

### Resolving Missing Industrial Graphics Issue in Managed InTouch Application

With managed InTouch applications, it is possible to encounter a situation where all of the industrial graphics used in the application appear as red "X"s with the error "Graphic Not Available" even though the graphics exist in the Graphic Toolbox. This tech note will provide two methods to resolve this issue.

[Read Tech Note](#)

## Upcoming & On-Demand Webinars



**AVEVA**  
Webinar:  
Using predictive analytics to improve asset reliability and eliminate downtime

[Watch now](#)

*On-Demand*  
**Using predictive analytics to improve asset reliability and eliminate downtime**

Learn how to improve asset reliability, performance, and safety in the oil and gas industry through predictive analytics. This webinar will discuss the top concerns and motivations for improving asset performance strategies, the value of predictive maintenance, and how it can combat workforce transitions.

[Register](#)



**AVEVA**  
Webinar:  
Critical data science solutions for community sustainability

[Watch now](#)

*On-Demand*  
**Critical data science solutions for community sustainability**

This webinar covers best practices for infrastructure data management to improve efficiency community health, and reduce costs, and enhance community health. Learn about digital twins, IIoT, big data analytics, and how early investment in information management solutions can increase agility & transparency in operations.

[Register](#)

## Upcoming Training Courses

**AVEVA InTouch for System Platform**  
Date: May 2nd, 2023 - May 5th, 2023

[Register](#)

**AVEVA Historian Server**  
Date: May 16th, 2023 - May 17th, 2023

[Register](#)

**AVEVA Historian Client**  
Date: May 18th, 2023 - May 19th, 2023

[Register](#)

**AVEVA Insight**  
Date: May 24th, 2023

[Register](#)

[View Training Schedule](#)

ARTICLE

## End unplanned downtime: Best practices for asset failure mitigation

From the power generation and chemicals industries, to manufacturing and paper, unplanned outages have been averted with the help of predictive analytics software. Duke Energy saved over **\$34 million in a single early warning catch**. SCG Chemicals **increased plant reliability from 98% to 100%** by providing early identification and warning of potential asset failures before they occur. Headline-grabbing stories like these are becoming increasingly common as more and more industrial enterprises embrace the benefits of early warning detection of anomalies and fault diagnostics.

Enterprises weighing a potential deployment of predictive analytics tools must take into account a number of variables, like return on investment, whether the digital tools are hardware agnostic and suited to leverage existing software, the level of contextualization provided, and how easy it is to deploy, maintain, and scale.

[Read More](#)

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