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!

Have you had your breakfast yet? If not, grab a bite and learn how this local snack bar manufacturer went from manufacturing zero to 75% of its own bars within a one-year span at their new greenfield facility.

Clif Bar decided to start self-manufacturing to increase its capacity. Finding the right Manufacturing Execution System (MES) was critical. They were looking for an MES that could integrate with other systems, provide flexibility and data analytics, and be adapted to other facilities for standardization.

They chose AVEVA MES, and partnered with an AVEVA Endorsed System Integrator, Apex Manufacturing Solutions. Together they brought the solution to fruition, empowering Clif Bar to setup a culture of continuous improvement.

Performance and operations data is used to drive capital improvements	Energy Monitoring data is available to better understand plant energy usage and drive downward usage trends	Data gathered enabled Clif Bar engineers to quickly model plant processes to facilitate new projects	Using 2 years of Historian data is equipping plant engineers with the ability to conduct predictive analytics

Read Clif Bar Case Study

Industry News & Blogs

The narrow path to net zero: Why achieving sustainable impact demands focus and data-led insights
The pathway to achieving net-zero emissions by 2050 is narrow. It requires concerted effort. By unifying data into a digital backbone, visualizing it...read more

A three-pronged approach to successful capital project execution
EPCs and OOs are finding that the key to successful project execution depends on a data-driven approach with three key focus areas: integrated project delivery...read more

Front-end loading process for a successful capital project
If you want to achieve success with your capital projects, you need to ensure that the project stays on schedule and budget. For this, good planning is essential...read more

Innovation after the end of history: Why industrial intelligence is key to success in our connected future
By unifying data into a digital backbone and visualizing it, industrial teams can then identify more efficient ways of working and drive sustainability...read more

How to get data from the edge in a way that's scalable (and actually do-able)
Edge data is incredibly valuable, but just 1 in 10 organizations have actually entered advanced production solutions. So, AVEVA is helping companies meet...read more

Important information regarding Microsoft Updates KB4056896, KB4056890, KB4056892, KB4056895, KB4056898 and KB4056899 – What you need to know
Microsoft has released updates which are security patches for Meltdown and Spectre vulnerabilties...read more

Stronger together with data: Leveraging the power of industrial data for sustainable growth
Prioritizing sustainability enables companies to create value for their stakeholders while improving environmental performance. Some of the most innovative..read more

Meet the industry principal: From steel-toe boots to digital twins
In this blog, Stephen Reynolds, Industry Principal for Chemicals at AVEVA, shares his experience as a chemical engineer and how Digital Twin is empowering...read more

Recommended Reading

Targeting zero: How water and wastewater utilities can achieve net-zero carbon emissions

Water and wastewater treatment plants are essential for environmental responsibility, but many do not consider their environmental impact. Despite being a significant expense, some utilities are striving to become carbon neutral by reducing direct and indirect greenhouse gas emissions. This may seem daunting, but it is achievable through measures such as energy efficiency improvements, renewable energy integration, and carbon offsetting programs.

Read Article

The digital plant: A four-step approach to predictive maintenance 4.0

This white paper highlights the importance of data analytics in achieving interoperability in smart plants, with the potential for cost reduction and increased productivity of up to 20%. The adoption of data analytics, robotics, and other technologies can reduce costs by up to 40%. The paper focuses on how metals companies can benefit from real-time data and predictive maintenance strategies to become Industry 4.0-ready. A four-step plan is outlined to help companies implement predictive maintenance successfully.

Read Whitepaper

Did You Know...

- Water and wastewater treatment plants contribute 1-4% of total energy consumption in the US Source
- 82% of machine failures occur at random intervals Source
- Predictive maintenance can reduce the time required to plan maintenance by 20% to 50%, increase equipment uptime by 10% to 20%, and reduce overall maintenance costs by 5% to 10% Source
- According to the White & Case Mining, Metals, and Materials 2022 report, approximately 40% of respondents view ESG and climate-related activism and regulations as the biggest threat to the industry Source
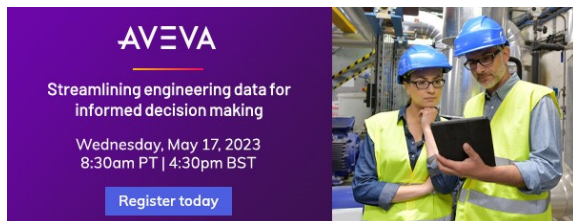
Tech Notes

OI Server Diagnostics not Appearing on Remote Nodes

Within the Operations Control Management Console (OCMC, previously called the SMC or System Management Console), you are able to connect to a remote node within the Operations Interface Server Manager section and access the configuration of the OI Servers installed and running there. However, it is possible to encounter an issue where the diagnostics of the remote OI Servers does not appear within the OCMC. The root cause of this behavior is DCOM authentication hardening settings that are part of newer versions of Windows.

[Read Tech Note](#)

Upcoming & On-Demand Webinars

Wednesday, May 17th @ 8:30am PT
Streamlining engineering data for informed decision making

The capital project execution industry needs to improve project control and performance through digitalization and connected decision-making. Learn how to achieve this in the upcoming webinar, including breaking down silos, optimizing projects, and connecting workers with trusted information for better and faster decision-making.

[Register](#)

Thursday, June 1st @ 7:00am PT
What's Next for Digital Twins & The Future of the Industrial Metaverse

Join industry leaders from AVEVA, IDC, and Microsoft in a panel discussion to learn how the industrial metaverse and digital twin tech can improve asset life cycle management, supply chain, and collaboration. Discover the benefits of the industrial metaverse, such as a reduction in travel and safety risks and new value opportunities.

[Register](#)

On-Demand
Improvements in processes simulation for the refining industry

AVEVA PRO/II Simulation is vital for profitable and efficient refinery operation. Improvements in 2023 allow for better design, analysis, and optimization of refining processes. This webinar will cover market trends and new features such as reactor models, economics unit for cost analysis, and emissions unit for tracking GHG emissions.

[Register](#)

On-Demand
Intelligent cloud solutions for real-time industrial data

Cloud-based high-performance data management solutions offer real-time operations data to a wider audience, providing easier access and value from supplier and partner relationships. This webinar explores cloud-driven trends, growth potential, and intelligent solutions for real-time industrial data.

[Register](#)

Upcoming Training Courses

AVEVA Insight
Date: May 24th

AVEVA Application Server
Date: June 6th - 9th

AVEVA Operations Management Interface for System Platform
Date: June 20th - 23rd

AVEVA InTouch
Date: July 11th-14th

[Register for Courses and View Training Schedule](#)

WHITE PAPER

Overcoming market challenges and reaching ESG goals in the mining, metals, and materials industries

DOWNLOAD