AVEVA™ PI DataLink™

Easily use your operations data in spreadsheets

One of the most popular software packages in the world, Microsoft Excel has become an industry-standard tool familiar to most engineers, operators, and analysts. Likewise, AVEVA™ PI Server has been the industry-leading operations information management software for decades. Our Microsoft Excel add-in, AVEVA PI DataLink, brings these two powerful software together.

With AVEVA PI DataLink, you can retrieve, contextualize, analyze, visualize, and report on the time-series data provided by AVEVA PI Server – all from within the comfortable environment of Microsoft Excel. Special AVEVA PI DataLink functions combine with Excel's native data analysis features to create a powerful innovation tool. AVEVA PI DataLink is a low-cost environment in which non-programmers can rapidly conduct complex analysis, experimentation, and ad hoc investigations.

"Sustainability is a critical part of how we do business, and AVEVA™ PI System™ is supporting our goals. We use PI DataLink to analyze historical trends, get quick answers for every deviation, and to anticipate efficiency losses."
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Consuelo Carmona Miura
Western EU Electricity Lead, Heineken Espana

Overview

What's new

AVEVA PI DataLink 2022 introduces new features.

- **Dynamic arrays:** Arrays change size as the data within grows or shrinks, enhancing the reporting experience and simplifying maintenance.

- **Dark-theme support:** A perfect option for those who prefer high-contrast visuals. Dark theme also improves energy efficiency on OLED monitors.

- **High-resolution display support:** View AVEVA PI DataLink on sharper monitors with more screen space.

- **Multiple-language support:** Easily switch languages using Excel UI display settings.

Save time creating and formatting reports

When you pair AVEVA PI DataLink reporting features with the graphics and formatting of Excel, you no longer need to copy and paste raw data into your spreadsheets. Set up your data relationships – then every time you run the spreadsheet, it will dynamically update.

Streamline time-series data analysis and modelling

AVEVA PI DataLink inserts its own ribbon tab, menu commands, and task pane directly into Excel. You can easily search and retrieve your AVEVA PI Server's operational and contextual data from inside your spreadsheets.

Features

- **Create flexible reports.** Turn your trusted data into actionable information in well-known spreadsheet environment.

- **View data in context.** Use your AVEVA PI Server asset models and event data to contextualize spreadsheet data and reports.

- **Perform complex analysis.** Combine the power of AVEVA PI DataLink and Excel to calculate key values and see correlations.

- **Gain perspective.** Retrieve high-fidelity historical and future data for use in analysis and reporting.

- **Stay current.** Keep dashboards and reports refreshed using automatic update.

Available on the AVEVA™ Flex Program

Achieve faster return-on-investment and remove traditional barriers to software adoption with a flexible subscription program. The AVEVA Flex subscription program spans any mix of cloud, hybrid, and on-premises solutions with simplicity in the license purchase, usage, and management.

AVEVA PI DataLink is now globally available through the AVEVA Flex Program.

Learn more about the AVEVA Flex Program: aveva.com/en/solutions/flex-subscription.

Key use cases

- **Operations analysis:** AVEVA PI DataLink can automatically push data identified by a specific tag, event, or calculated value into existing spreadsheets. Spend less time and effort manipulating data.

- **Business process improvements:** When an energy generator in North America transitioned away from manual spreadsheets to let its power-trading team proactively pull real-time data from every plant, the company saw faster results and fewer errors.

- **Sustainability:** You can't control what you don't see. Process companies use AVEVA PI DataLink to help them manage water, electricity, and thermal energy consumption in order to drive sustainability.

- **Health status monitoring:** One energy storage company automatically populates weekly reports with battery performance data, comparing current performance with baselines, for overall health status.

- **Compliance reporting:** Customers in industries with environmental regulations use AVEVA PI DataLink to generate compliance monitoring spreadsheets and required reports.

A view of AVEVA PI DataLink's dark-theme support. AVEVA PI DataLink supports Microsoft Windows' Dark Mode or Microsoft Office's Black Theme.

Want to learn more about AVEVA PI System?

Check out our website for additional information and resources.

AVEVA

aveva.com