Features

Flexible reports: Turn data into actionable information in the familiar environment of Microsoft Excel to create reports that leverage your PI System data.

Business Challenge

For businesses interested in maximizing the value of their process information who need the ability to perform complex data analysis, create models, build reports, and aggregate data across process and business systems, PI DataLink™ is a Microsoft® Excel® Add-in that enables users to create flexible reports, view real-time data, and perform calculations in a familiar spreadsheet environment. Unlike competitive products, PI DataLink builds upon the industry leading PI Server™ giving access to years of history and real-time data.

PI DataLink Overview

PI DataLink establishes a direct connection between the PI System™ and Microsoft® Excel®. PI DataLink can display real-time, historical asset and event data from the PI Server in Microsoft Excel. This data can be used to create reports and investigated using Excel’s robust data analysis features. PI DataLink makes tasks such as data gathering, reporting, modeling, analyzing, forecasting, and process planning fast and easy.

View Data in Context: PI DataLink supports PI Asset Framework™ (PI AF) and PI Event Frames™. Now users can leverage their asset models and events within Microsoft Excel to search or browse for information and create asset-based reports.

Web-Enabled: With PI DataLink Server and Microsoft SharePoint®, your desktop spreadsheets can be delivered to the web and shared with users companywide. Using Excel workbook parameters you can change time stamps, tags, attributes, or any other worksheet cell to update these live and interactive reports in real-time.

PI DataLink provides a simple way to analyze and view process conditions including equipment status and long-term performance.

PI DataLink Server Overview

PI DataLink Server™ elevates PI DataLink to the enterprise level by allowing users to view PI DataLink spreadsheets online using a browser. PI DataLink Server utilizes Microsoft SharePoint’s Excel Services and the Excel Web Access Web Part to display reports created in Microsoft Excel. From the web, users can view assets, events, and tags and refresh data while sharing and customizing workbooks.
Benefits

Monetize PI System Data
With PI DataLink users can turn PI System data into cash. By analyzing and understanding process data, changes can be made to improve quality, improve compliance, increase productivity and optimize business processes.

Utilize Existing Skills
Because PI DataLink is built on top of familiar technology such as Microsoft Excel and the PI Server, users can employ pre-existing skills, minimizing the amount of time that must be spent learning a new tool.

Features

Perform complex analysis using advanced calculated data:
Quickly pull in sums, averages, minimums, and maximums or use PI Performance Equation (PI PE) syntax to build your own custom calculations.

Verify Data: Refine and transform your data on the fly using expressions and filters within PI DataLink and eliminate the need to copy information across worksheets. By keeping data live and connected to the PI Server everyone using the report can trust that the data is correct.

Fully Extensible: PI DataLink is extensible using Visual Basic® for Applications (VBA) so you can integrate calendar controls, extend your analyses, and customize your environment.

About OSIsoft, LLC
OSIsoft, a global leader in operational intelligence, delivers an open enterprise infrastructure to connect sensor-based data, operations, and people to enable real-time and actionable insights. As the maker of the PI System, OSIsoft empowers companies across a range of industries in activities such as exploration, extraction, production, generation, process and discrete manufacturing, distribution, and services to leverage streaming data to optimize and enrich their businesses. For over thirty years, OSIsoft customers have embraced the PI System to deliver process, quality, energy, regulatory compliance, safety, security, and asset health improvements across their operations. Founded in 1980, OSIsoft is a privately-held company, headquartered in San Leandro, California, U.S.A, with offices around the world. For more information visit www.osisoft.com.