

“We’re pleased to have AssetHub as a part of our ecosystem as we work to utilize the PI System and Asset Frameworks to improve operations and increase OEE.”

Jane Arnold, EVP & Head of Process Control Technology, Covestro

Key Features

Asset - Pipeline

No code feature set transforms and standardize asset data

Asset - Templates

Library built on ISO/API standards compatible with PI AF Templates

Asset - Connect

Agent connects to asset data systems exposing metadata to AssetHub

Asset - Sync

Evergreen workflow keeps source systems in sync with asset models

Asset - Explorer

Explore data structure and build unlimited application hierarchies

Asset - Integrity

Monitor model health including attribute and unit of measure data

Incorporates 16 data transformations and 150+ functions for asset intensive industries.

What is AssetHub?

Element AssetHub™ connects and transforms diverse sources of industrial data, such as CMMS, Operating Limits, Engineering Information and LIMS. The system makes the data easy to consume in modern analytical applications such as Tableau, Power BI and Spotfire. Users can connect to the PI System or other real-time systems, and hundreds of other industrial data sources, and transform their data into rich, context-aware data models like PI Asset Frameworks. AssetHub’s no-code development environment, modern architecture and user interface makes transforming industrial data intuitive, fast and efficient. Data governance ensures trust in the analytical applications consuming the data. AssetHub easily plugs into existing IT infrastructure to accelerate the process of getting industrial data ready for analysis.

Industrial Data Operations



Connect

Connect to any data source of any type including time-series, transactional, master data systems even files like spreadsheets and P&ID’s.



Manage

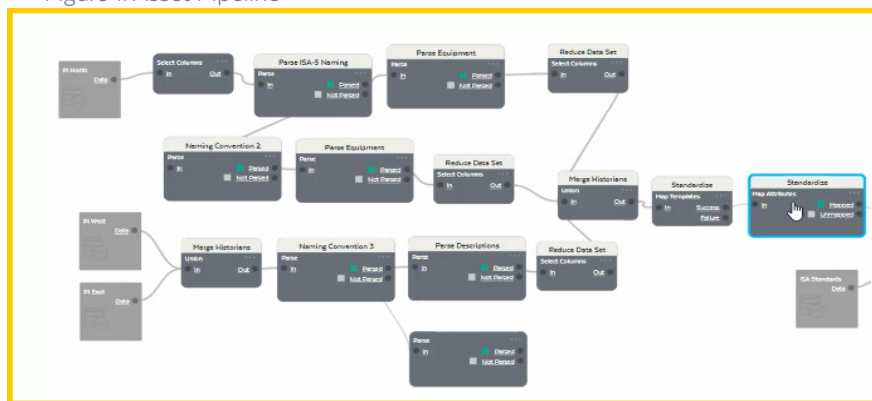
Standardize asset data via templates and build contextual asset models for use by all consumers. Governance and persistence functionality simplifies asset model maintenance.



Share

Construct any schema of your data to power any application or data consumer, inside or outside of your organization.

Figure 1: Asset Pipeline



Related Products

Asset Framework Accelerator
 AF Management Productivity Tool
 Sensor Diagnostics
 Excel Plug-in
 AssetHub for Azure
 AssetHub for AWS

About Element

Element provides software for industrial organizations to transform diverse sources of asset data, empowering teams to solve problems through analytics. AssetHub automates data preparation, freeing up resources to focus on analytics that improve performance. Asset Framework Accelerator is used by OSIsoft PI System customers to build PI AF's fast for enterprise-scale analysis. Element leverages decades of experience in real-time industrial data systems, enterprise software, large-scale data engineering to make the process of preparing industrial data intuitive, fast and trusted.

Eliminates the need for complex spreadsheets to model data and build application specific hierarchies.

State of Art Technology



Connectivity to all Asset Data Sources

Connectivity to existing operational, design and maintenance systems via APIs and Agents



Enterprise-Wide Consistency

Architecture ensures data attributes are granularly and consistently tracked across like equipment



Design-Centric Approach

Easy to use intuitive interface simplifies access and enables collaboration across business and IT users



Trust

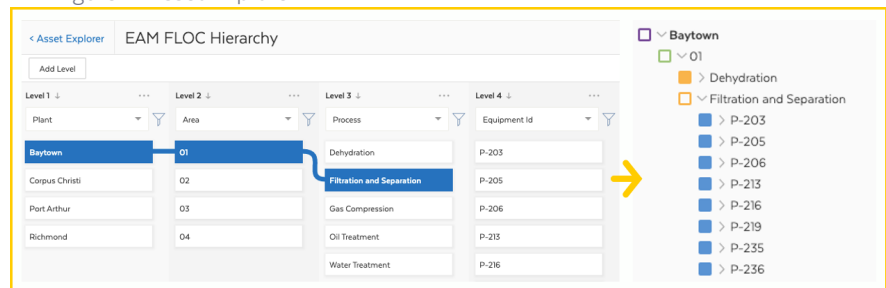
Evergreen, model integrity and sensor health reports ensure analytical applications use latest source data



Graph-Based Data Model

Export any function of the enterprise asset model to any analytical application in the right format

Figure 2: Asset Explorer



Benefits

10X

acceleration in time to insights

15X

reduced effort to ensure data quality

90%

gain in employee productivity

100X

increase in the usability of data in decision making

ELEMENT

Worldwide Headquarters

564 Market Street
 Suite 316
 San Francisco, CA. 94104

Contact Us

Visit <https://www.elementanalytics.com/assethub>
 or email info@elementanalytics.com