Flow Information Platform

Flow Software's decision support system, the Flow Information Platform, helps people see and understand their industrial data. Flow is an information management platform that prepares and presents contextualized KPI information for operational and strategic decision support.



Collect

Flow is a robust data collection engine that collates information in real-time from multiple disparate data sources (e.g. SQL databases, Historians, Webservices, etc.). Flow's configurable manual entry forms provide web- based data entry where automation is not possible.

Visualize

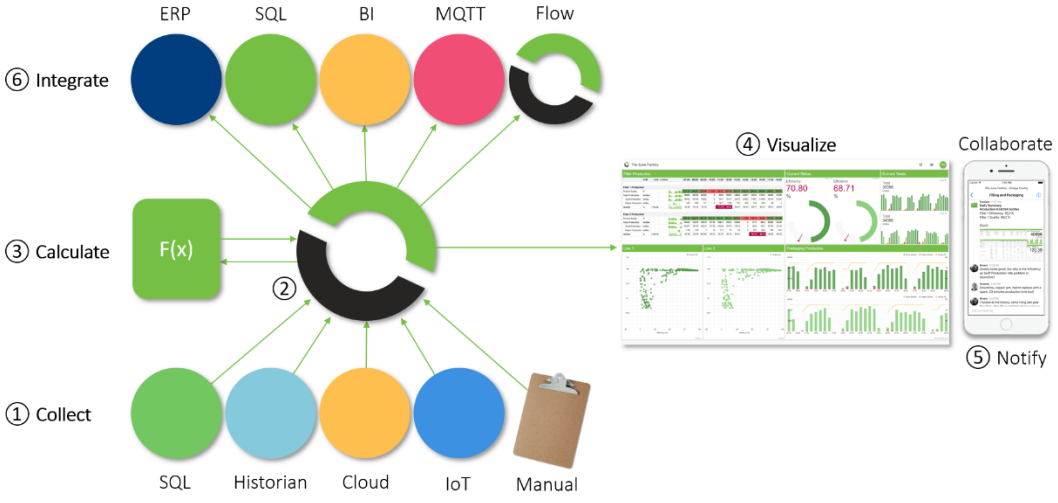
Flow is a reporting and dashboarding platform that prepares and presents contextualized KPI information for operational and strategic decision support. Flow transforms measured data into information that is understood quickly and accurately. Make better quality decisions faster and more frequently.

Calculate

Flow is a powerful KPI calculation engine that combines collected and manually entered data via expressions, functions, aggregations and rollups. Flow adds context to KPIs by relating them to production events (e.g. batch, product, shift team, etc.). Flow evaluates KPIs against targets or limits for notification.

Integrate

Flow is an information hub, providing a single version of the truth for integration into multiple consumers (e.g. Workflow Systems, ERP Systems, SQL databases, HMI Systems, etc.). Tier multiple Flow Systems together to deliver information to all levels in your business (e.g. Sites up to a Region, Regions up to Global Headquarters).



"Flow empowers people across all functions and levels in our organization to make informed decisions more frequently. This results in optimizing the operational effectiveness of our people, equipment and process investments!"

FLOW SOFTWARE

Are you using Flow?



Industries: Food and Beverage, General Manufacturing, Materials, Mining

Learn more about Flow

Contact

Flow Software
information@flow-software.com
www.flow-software.com

Free trial

www.flow-software.com/downloads
Fully functional trial

Some Technical Details

Data Sources

These are the sources of data that Flow can collect information from:

- Microsoft SQL Databases
- MySQL Databases
- Oracle Databases
- PostgreSQL Databases
- Ignition Historians
- Canary Historians
- Wonderware Historians
- Wonderware Online
- OSI PI via OPCHDA
- Rockwell Historians via OPCHDA
- GE Historians via OPCHDA
- Citect Historians via OPCHDA
- Siemens Historians via OPCHDA
- Copadata Zenon via OPCUA
- Web Services JSON Data
- Manual Entry via Flow Forms

Notification Services

These are the message services that Flow can send information to:

- SMTP Email
- Flow Mobile (iOS and Android)
- Slack
- File Drop
- SMS via Twilio
- SMS via BulkSMS

Integration Consumers

These are the consumers that can subscribe to Flow information:

- Flow for Tiering
- Microsoft SQL Databases
- MySQL Databases
- PostgreSQL Databases
- MQTT including Sparkplug B

Software Requirements

Windows 10 64-bit
Windows Server 2012 64-bit
.Net 4.7.1
Microsoft SQL Server 2014/2016 (for Flow Database)

- Express for Flow Starter
- Standard for Flow Small and Medium
- Enterprise for Flow Large and upwards

Supported Browsers

- Chrome
- Internet Explorer 11
- Edge
- Safari

Hardware Requirements

Minimum of Intel Pentium 4
4 Cores, 2.0 GHz minimum CPU
16 GB minimum memory (32 GB recommended)
100 GB disk space for Flow Database
1920 by 1080 screen resolution recommended

Support

Email: support@flow-software.com
Website: support.flow-software.com

"Flow turns our users into information management experts by helping them transform large quantities of disparate data into quality consolidated information"