



PRODUCT DATASHEET



A L P A N A
2023 R1

The Only All-in-One Industrial Dashboarding and Reporting Solution

ALPANA

Let your Data turn into Insights and put the power into your hands to take Data driven decisions. Alpana Platform provides real-time access to your data and lets you analyse complex information through graphical representations easy to understand.

Licensing

Alpana Designer and Alpana Server are licensed in a bundle within Alpana Platform.

Meant For Aveva

Alpana Platform is an end-to-end solution for creating ,sharing interactive industrial Dashboards and Reports. Meant for Aveva Software and accessible through native connectors.

Alpana Server

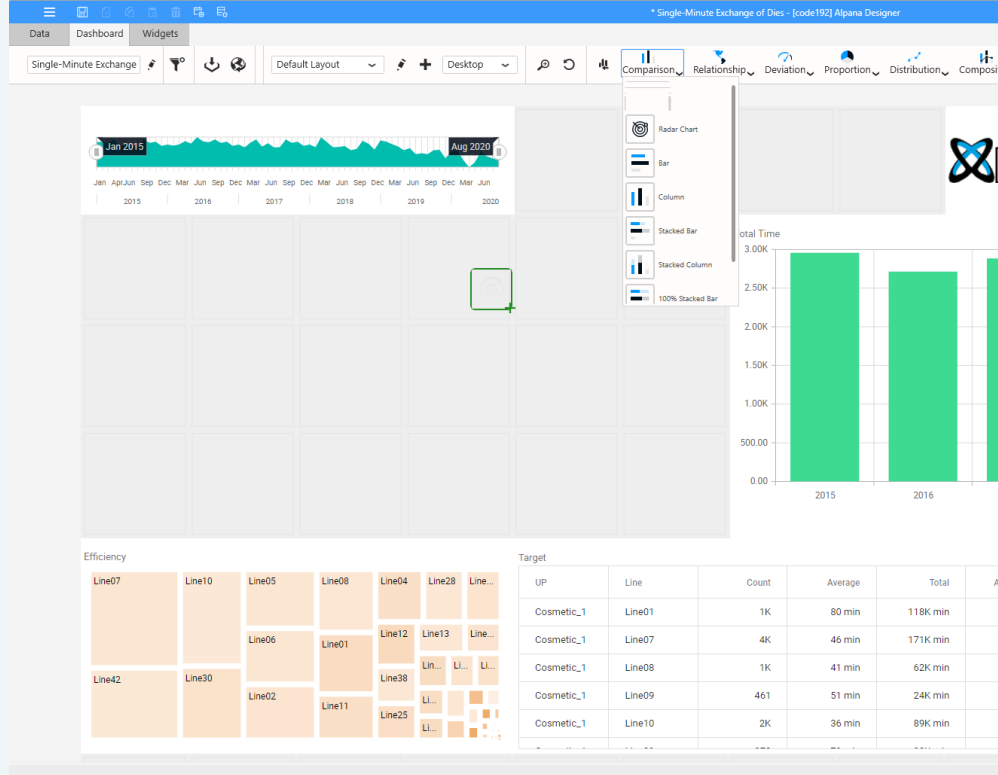
Securely share your Dashboards and Widgets throughout the most recent web browsers. Embed your Dashboards into Scada Applications, OMI, intranet or present it through our secured Server. Visualize and generate insights as customized views for Dashboards and Reports.

Alpana Designer

Import your data. Create your data sources. Drag and drop Widgets. Manipulate your data right away and customize layouts for desktop, mobile and pdf views. Once your Dashboards and Reports are ready, share them with your colleagues through Alpana Server and start collaborating.



Alpana Designer lets you connect to data and visualize it as interactive Dashboards using a rich widget library. Alpana Designer then allows you to publish the composed Dashboard to Alpana Server and share it with your team or export them as Reports.



KEY FEATURES

Data Connectivity

- AVEVA BI Gateway
- AVEVA Historian
- AVEVA Insight
- OSI PI Historian
- Excel, CSV
- SQL Server
- Oracle
- RESTful Web Connector
- **NEW** Postgre

Widgets

- **[code192]** can create your custom Widgets on demand : industrial and scientific plots, 3D, animations ...
- **Comparison** Polart, Radar, Bar, Column, Stacked Bar, Stacked Column, Stacked Bar
- **Relationship** Treemap, Sankey, Choropleth Map, Bubble Map, Grid, Sunburst, Gantt, Sparkline, Tree Layout, Tree Radial Layout, Circle Packing, Arc Diagram
- **Deviation** Circular Gauge, Card, Energy Rating, Banner, Linear Gauge
- **Proportion** Pie, Doughnut, Pyramid, Funnel
- **Distribution** Area, Stacked Area, Line, Spline, Spline Area, Step Line, Step Area, Bubble, Scatter , Range Area, Range Column, Hi/Lo, Hi/Lo Open/Close, Candle, Waterfall
- **Composition** Combine your visual displays !
- **Filter** Range Navigator, Check Box, Combo Box, Date Picker, Radio Button, Tree View, Range Slider

- **Input** Alpana Runtime Connection Input
- **Navigation** Navigation Button
- **Layout** Switch Panel, Tab Panel
- **Other** PDF viewer, Label, Image, Embed

Layout Management

- Manage multiple Layouts in the same Dashboard.
- Re-use your Widgets and Data Sources in PDF reports.
- Configure Pagination, Headers and Footers for PDF reports.

Minimum System Requirements

Hardware

- Processor - Dual Core 64-bit CPU (x64)
- Hard Disk - 1 GB
- RAM - 2 GB

Software

- Operating System - Windows 10+, Server 2012R2+
- Microsoft .Net Framework 4.8
- ASP.NET Core 6.0
- Browser - Chrome, Firefox, Edge (Chromium version), Opera, Safari



ALPANA SERVER

Alpana Server lets you efficiently organize and share Dashboards and Reports through a web interface. Installed on-premise or in the cloud, Alpana Server can host multiple tenants in complete isolation. Use our web API to communicate with your Dashboards. Embed Dashboards within your application either as web pages or directly within AVEVA Intouch through our native container.



KEY FEATURES

Web API

- Send data constantly and let widgets update seamlessly. Connect to OPC, AVEVA System Platform and more to Dashboards and get live updates for targeted users.
- Refresh your Dashboard based on events or timers.
- Perform any action from an external program. Trigger exports from outside Alpana and distribute the results.
- Communicate context successfully through different applications such as AVEVA InTouch OMI.

Multi-tenancy

Manage multiple isolated instances from a single server installation. Save on maintenance and deployment costs with multi-customer installations.

Easy administration

- All items stored in Alpana Server are versioned.
- All changes are logged.
- All items have complete permissions management
- Users can optionally connect with LDAP, ADFS, Facebook, OpenID, Google, Apple, or Microsoft security.

Designer integration

Design and publish Dashboards and Reports from within Alpana designer.

Data Entry

Create forms with input validation, and replace your Excel workflows with a central and secured solution.

Scheduling / Alerts

Export Dashboards manually to paginated and formatted PDF reports, or email them automatically according to flexible schedules. Excel and image exports are also supported. Receive alerts about your dashboards based on conditions you predefine.

And much more ...

Layout Management, Stories, Webhooks, GDPR support, CORS whitelisting, chat and comments, WorldClass support, training and documentation, Andoid/IOS mobile app, AVEVA Intouch OMI app ...

Minimum System Requirements

Hardware

- Processor - Dual Core 64-bit CPU (x64)
- Hard Disk - SSD 50GB free space
- RAM - 3 GB

Software

- Operating System - Windows 10+, Windows Server 2012R2+
- Microsoft .Net Framework 4.8
- ASPNET Core 6.0
- Browser - Chrome, Firefox, Edge (Chromium version), Opera, Safari