

Dream Report™

Reporting Software

PcVue® Solutions



Mastering interfaces between
#Humans
#Systems
#Connected things

Dream Report™

User Friendly & Programming Free™ Reports & Dashboards

Dream Report™ is the World's Leading User-Friendly Reporting and Dashboarding for Industrial Automation and for Non-Programming Users

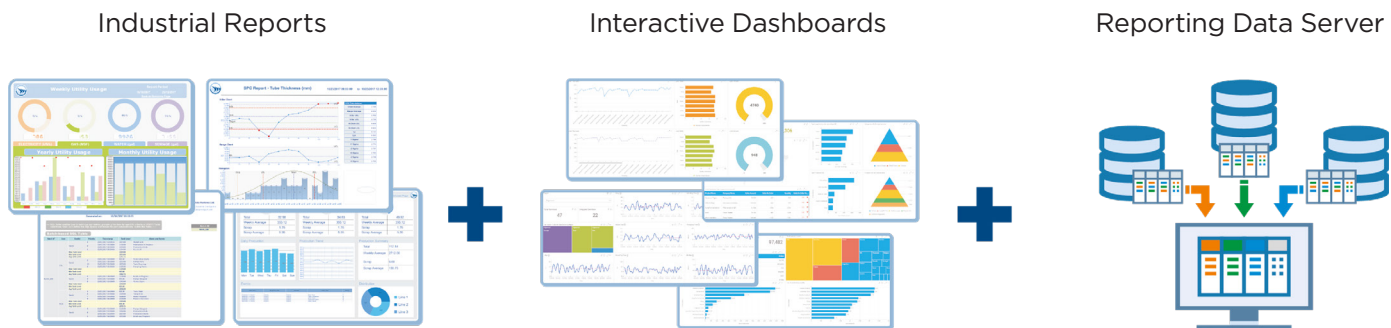
Dream Report™ can connect to industrial and business data sources using standard or proprietary protocols.

Dream Report™ will access their data, analyze it and generate reports and dashboards automatically or manually. Results can be distributed to anybody, anywhere, and anytime. An interactive and dynamic web portal provides local and remote secure access to your information.

Dream Report™ perfectly fits both continuous and batch reporting applications.

Designed for non-programming users, its user-friendly designer studio enables users to develop professional reports simply and easily, through powerful objects and statistical functions delivered in Dream Report™. This software is designed and intended for automation engineers, but IT professionals will like it too.

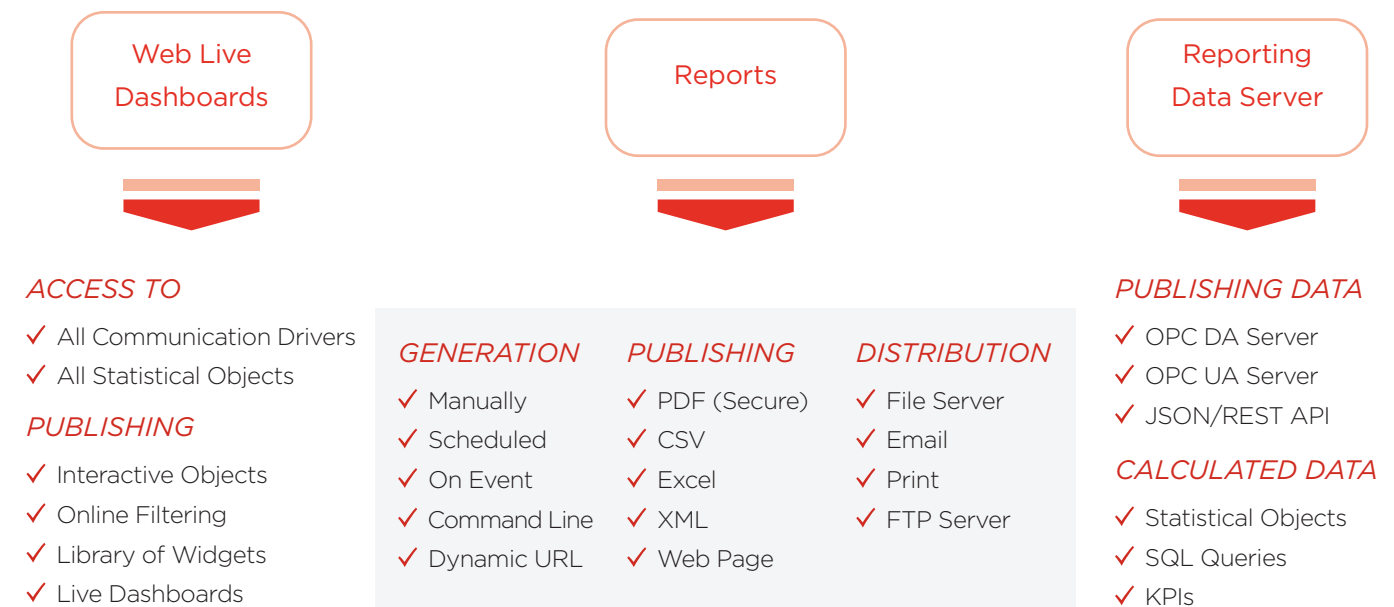
The Most Recommended Software for Industrial Reporting



Dream Report™ Communication and Data Analysis Engine

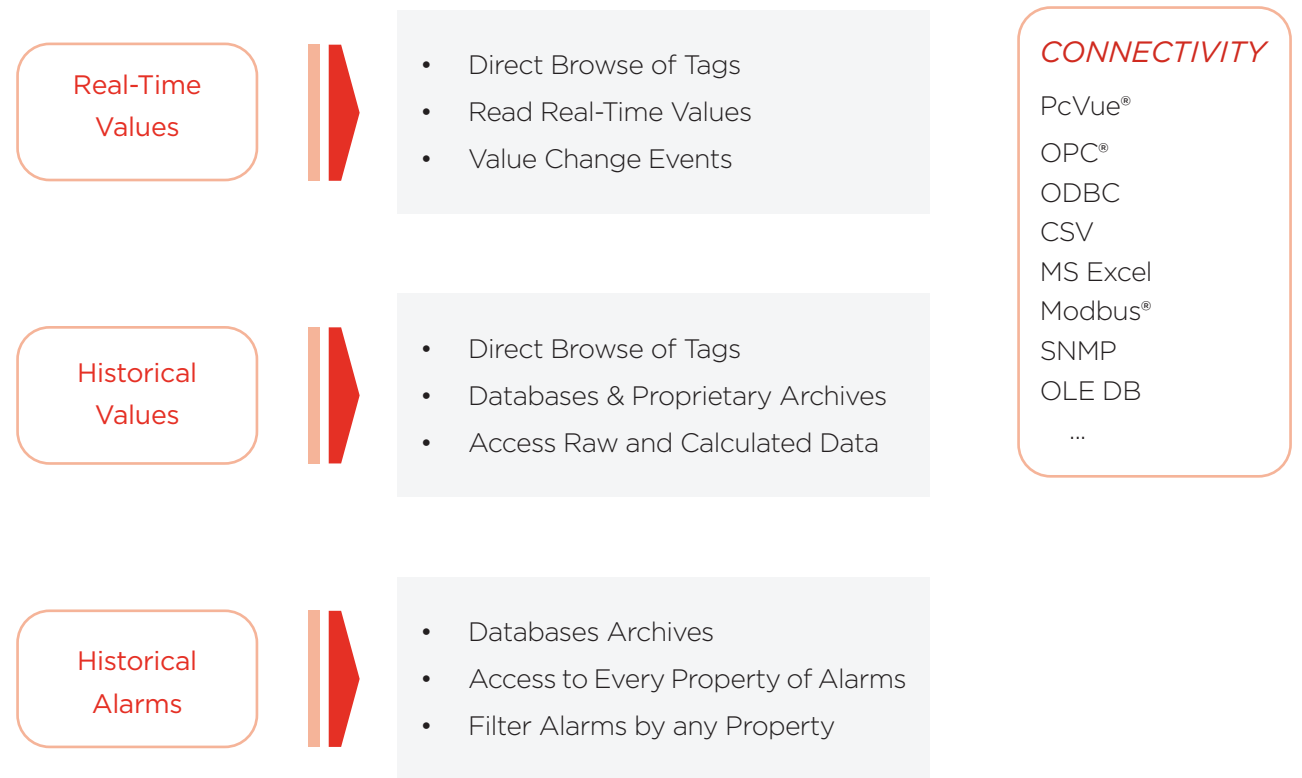


- User Management
- Batch Reports
- SPC Reports
- Interactive Web
- Manual Data Entry
- Powerful Scripting
- Data Models (S95)
- CIP Reports
- Water and Waste Water
- Energy Management
- FDA 21CFR Part 11



Industrial Communication Platforms

- ✓ Library of 100+ Communication Drivers
- ✓ Vendor Specific Proprietary Protocols
- ✓ Industrial and Business Standard Protocols



User-Friendly Designer Studio

✓ **User Friendly Interface for Non-Programming users**

Drag & drop, What You See is What You Get (WYSIWYG)

✓ **Integrated library of graphical objects**

Charts, Tables, Bar and Pie graphs, ... many others

✓ **Integrated library of statistical functions**

Over 100+ integrated functions (statistic, batch, OEE, energy, ...)

✓ **Remote development**

Develop a project from a local or remote studio

Web-Enabled connection

✓ **Concurrent development**

Develop your project with multiple engineers

Database project depository, version control, Lock/Check-in-Out per developer

✓ **Secure environment**

User access authentication, Audit-Trail, Built-in

Version control



Interactive Industrial Web Portal

✓ **Clean and open web technology**

HTML5, Java Script, compatible with all common browsers

✓ **Secure access**

User authentication, HTTPS, user access per report

✓ **Automatic publishing of reports**



✓ **Interactive and dynamic reports and dashboards**

Combo boxes, buttons, hyperlinks, check boxes, date/time pickers, ...

✓ **Slideshow**

Periodically generate and display a sequence of reports in a loop

✓ **Dynamic URL and WebAPI**

Dynamically generate web report with external parameters by dynamic URL

✓ **Advanced manual data management**

Input manual values, correct values, submit manual data to a database, user-based authentication

✓ **Available on mobile devices**

All functionality is available on Android and iOS



Web Interactive Dashboards

✓ **Dedicated designer**

- Access to all data in a Dream Report™ project and add data from business sources

- Library of dashboarding graphical objects

- Present, filter, drill-down any available data

- Web-based user interface

- Unique 2-in-1 solution “reporting + dashboarding” for automation industry

✓ **Runtime environment, seamlessly integrated into Dream Report™ Web Portal**



Security for Industrial Applications

✓ **User management**

- Local or Windows-Integrated user management

- Support Windows local or/and domain users and user groups

- Extended user access control to reports and modules

- Localized language by user or group

✓ **Audit-Trail Recording**

- Record all user activities into a database

✓ **Version Control**

- Secure version id stamp on reports

- Ability to roll back to the specific (certified)

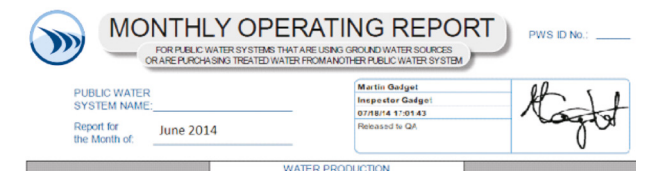
- Report version

- Track user changes in secure database

✓ **Electronic Signatures**

- E-sign pdf reports

- Web-based signing tool



Industrial Modules

✓ SPC - Statistical Process Control

- Full support of SPC
- Library of SPC objects
- SPC statistical functions
- Support of Nelson rules

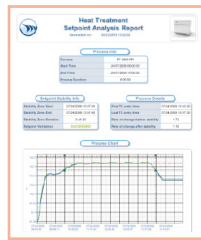


✓ Advanced cost calculation

- Define complex rules
- Rates on time, dates
- Rates on overconsumption
- Calculate total cost

✓ Setpoint analysis

- Analyzing setpoints
- Process analysis statistics
- Flexible validation rules
- Process auto-validation



✓ Database data logger

- Archive real-time data into a database
- Archive calculated and aggregated values into a database
- Define logging groups by conditions, frequency and schedule
- No database administration is required: database and tables are automatically created and maintained
- Supports leading database types:



- No additional cost - included in the standard product license
- An ideal mini-historian for small projects

Batch Reports

✓ Batch management system

Access or create batch information - batch ID, start, end time

✓ Auto-report generation on batch end (or start)

Automatically generate/distribute reports on batch end (or batch start) event

✓ Manual generation on selected batch ID

Select specific batch ID from automated list of available batches

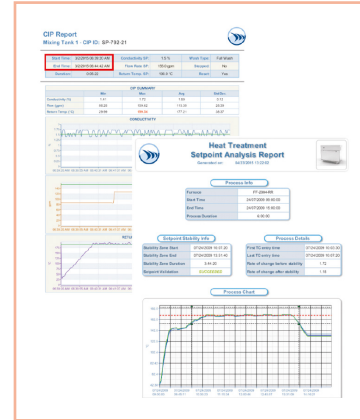
Dream Report™ will automatically perform time-based historian

Data access for batch results

✓ Golden batch

Set golden batch pre-defined profile for reference or comparison

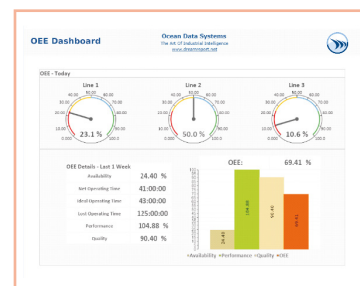
✓ Integration with standard and custom batch systems



OEE, Performance and Downtime Analysis

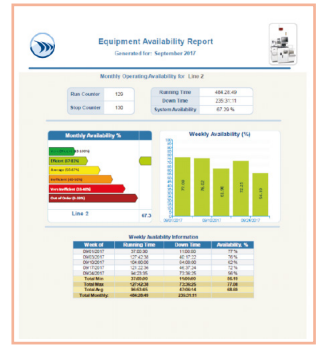
✓ Dream Report has built-in functions to calculate:

- Equipment running time
- Equipment down time
- On counter / off counter
- System availability
- Production KPLs
- Conditional calculations



✓ Proactive maintenance reports - automatic report generation and distribution

- Generate and send report as soon as up-time reaches pre-defined value
- Generate and send service request upon equipment running time
- Let system analyze and control maintenance of your equipment for you!



Alarms Reports AMS/ISA 18.2 Standard

✓ Filter alarms by various criteria

✓ Alarm statistics

Generate alarm statistics such as count of alarms by filters, timestamp of first alarm, timestamp of last alarm

✓ Analyze alarms

Calculate, display and filter alarms by number of occurrences, min/max duration, response time

✓ Document and display alarms

Generate alarm reports for archiving and distribution

✓ Automatically deliver results

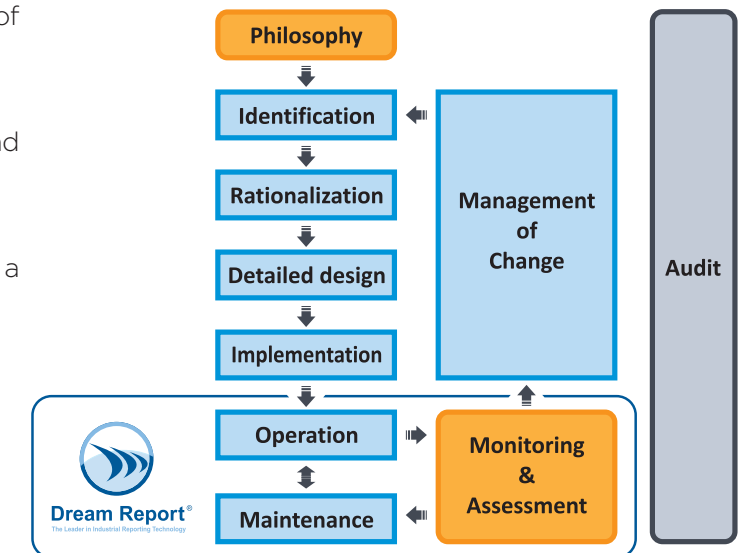
Email reports, FTP files, automatically populate a browser based portal

✓ Perform document management

Delete old files, delete after x files, move old files, etc...

✓ ISA 18.2 - Interactive analysis of alarms

Provide an interactive interface to your alarms for real-time review and analysis



Dream Report™ Licensing

All Dream Report™ license models include all drivers, enable unlimited number of report templates, enable to generate and distribute reports to all output targets in all available formats. Scalable tag-based license models enable users to select the appropriate best-fit license model in accordance with the project scale and budget.

A tag is considered as one data point at external data source. Flexible tag-based license models (Tags

50 - 250 - 1000 - 5000 - 10000...) Web portal license models are based on the number of concurrent web clients. (2 - 5 - 10 - 25 - 50 - 100 - 200).

Dream Report™ for PcVue® is a bundle that cannot be delivered without a PcVue® license. It offers connectivity only to PcVue® using Web Services. Dream Report™ versions for 50, 250, 1000 tags, and with or without WebClient are available.

Dream Report™ is developed by Ocean Data Systems (ODS).

As standards, specifications and designs change from time to time, please ask for confirmation of the information given in this publication.

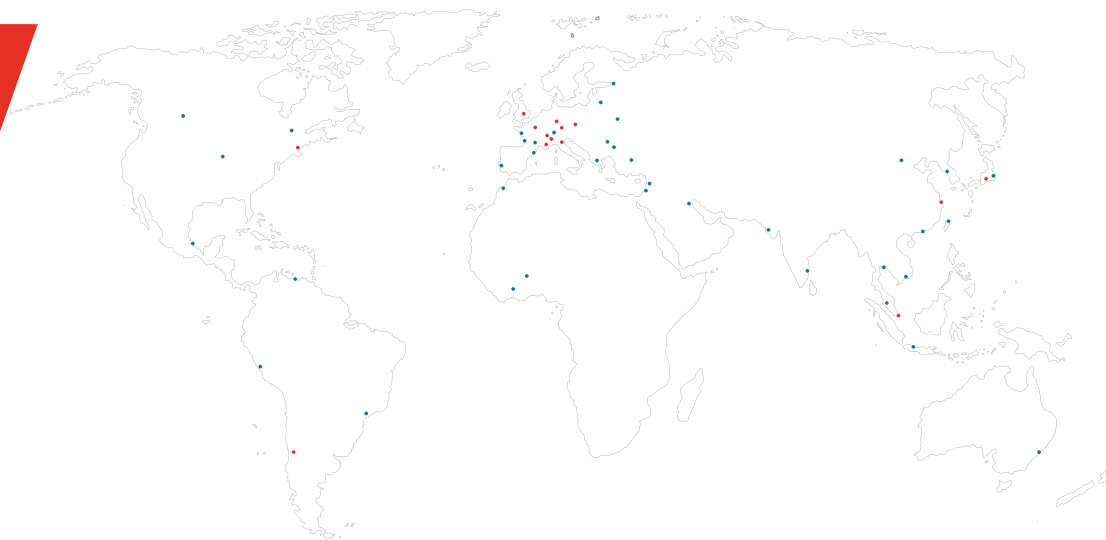
Software platform for IoT, SCADA, BMS & real-time data analytics

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