



User Friendly &
Programming Free
Industrial Reporting Software



DREAM REPORT[®]

The Art of Industrial Intelligence

by Ocean Data Systems

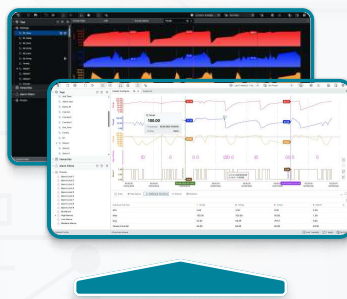
The Most Recommended Software for Industrial Reporting

Dream Report® - 3-in-1 Best-in-Class Solution

Industrial Reports



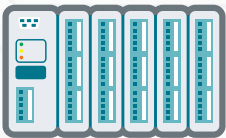
Industrial Web Trends



Industrial AI



Dream Report Communication and Data Analysis Engine



PLC



Databases



SCADA, HMI



Historian



IoT

- 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

Interactive Web Portal

Automated Reports

Interactive Web Trends

Access to

- Reports library
- Interactive objects
- Online filtering
- Library of widgets
- Real-time monitoring
- E-signature

Generation

- Manually
- Scheduled
- On event
- On failure
- Command line
- Dynamic URL

Publishing


- PDF (Secured)
- CSV
- Excel
- XML
- Web page

Distribution

- File server
- Email
- Print
- FTP server


- Real-time values
- Historical values
- Analytical data
- Alarms
- Batch info

Industrial Communication Platforms



Databases


- Library of 140+ Communication Drivers
- Vendor Specific Proprietary Protocols
- Industrial and Business Open Protocols




Historian



IoT








SCADA, HMI




PLC

Proven Integration With:


















...and Many More!

Real-Time Values

- Direct Tag Browsing
- Read Real-Time Values
- Value Change Events

Historical Values

- Direct Tag Browsing
- Databases & Proprietary Archives
- Access Raw and Calculated Data

Historical Alarms

- Databases & Proprietary Archives
- Access to all Alarm Properties
- Filter Alarms by any Property

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, Widgets, ...

f(x)

Integrated Library of Statistical Functions
 Over 100 Integrated Functions
 (Statistic, Batch, OEE, Energy, ...)



Remote and Concurrent Development
 Develop a project from a Local or Remote Studio.
 Develop same project by multiple engineers



Secure Environment
 User Access Authentication, Audit-Trail,
 Built-in Version Control




Reusable Templates in Studio
 Save reports as templates to enable their reuse
 across different projects

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**
Automatic Publishing of All Generated Reports. Generate New Reports


 **Interactive and Dynamic Reports and Dashboards**
Combo Boxes, Buttons, Hyperlinks, Check Boxes, Date/Time Pickers, ...



Available on PC & Mobile Devices
(Android and iOS)

 **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

Industrial Web Trends

 **Real-time and historical data trending**

 **Historical and Alarm overlays**

 **Seamlessly connects to any industrial data source**

 **Supports batch and continuous processes**

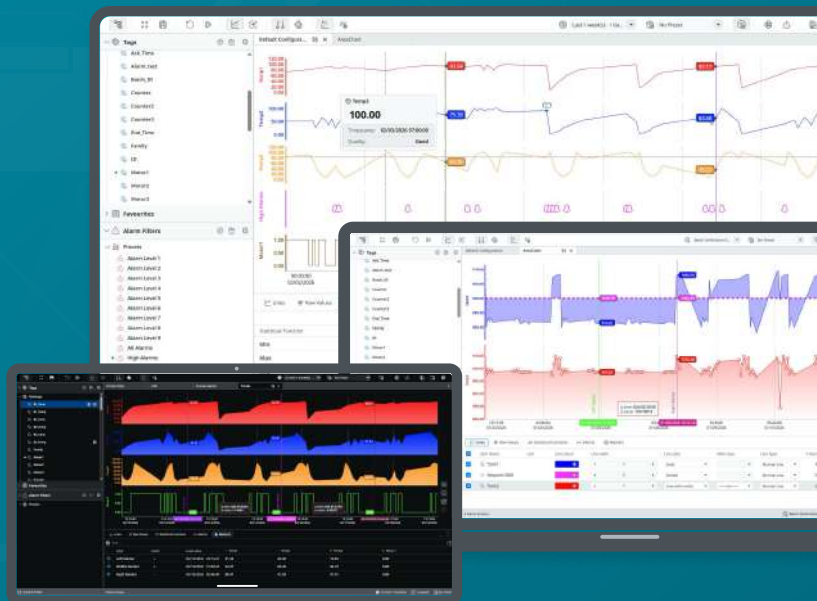
 **Powerful analysis with advanced markers and tooltips**

 **Simple, user-friendly design**

 **Access from PC, tablet, or smartphone**

 **Host in 3rd-party HMI displays**

 **Translated into 14 languages!**



Security & Compliance for Industry



User Management

- Local or Windows-Integrated User Management
- Supports Windows Local 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
- Integration with Notification Module
- e-Signature work-flow rules



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
- Best for Energy Management

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
- No Additional Cost - Included in the Standard Product License
- An Ideal Mini-Historian for Small Projects
- Supports Leading Database Types:



Notifier

- Configurable, value-based event notifications
- Automated system-to-user alert delivery
- Secure user-to-user communication
- Enhanced operational visibility and collaboration

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

Complex batches (S88) support

Batches, phases, sub-phases. Dynamic tags replacements. Graphical groups for specific phases for dynamic use

Integration with Standard and Custom Batch Systems

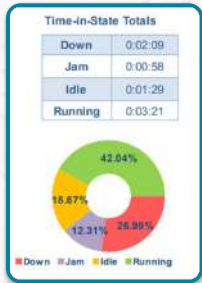
PI Event Frames, AVEVA InBatch, AspenTech Batch 21, Emerson, GE, SQL Server, ...



OEE, Performance and Downtime Analysis

Dream Report has Built-in Functions to Calculate:

- Equipment Running Time
- System Availability
- Equipment Down Time
- Production KPLs
- On Counter / Off Counter
- Conditional Calculations



Proactive Maintenance Reports - Automatic Generation & 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!

Alarm Reports AMS/ISA 18.2 Standard

Filter Alarms by Various Criteria

(e.g. Source, Area, Operator, Priority, Status, etc, ...)

Alarm Statistics

Generate Alarm Statistics Such as Count of Alarms by Filters, Timestamp of First and Last Alarms, Rate of Alarms

Analyze Alarms

Calculate, Display and Filter Alarms by Number of Occurrences, Min/Max Duration, Response Time

Perform Document Management

Generate Alarm Reports, Delete or Archive Old Files based on Number or Retention period

Automatically Deliver Results

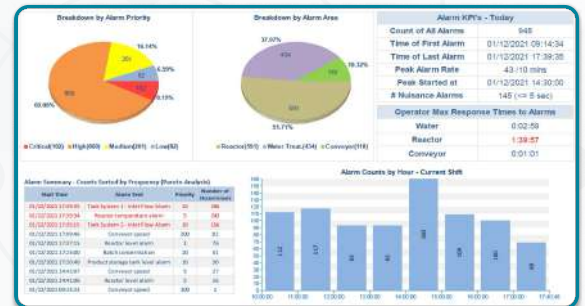
Email Reports, FTP Files, Automatically Populate a Browser-based Portal, Write-back to HMI

Correlate Alarm Metrics with Process Data

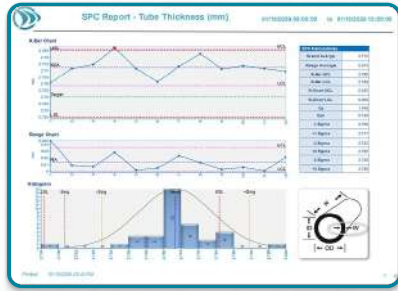
Show Alarms and Events in the context of process or other plant data

ISA 18.2 - Interactive Analysis of Alarms

Provide an Interactive Interface to Your Alarms for Real-Time Review and Analysis



Best-in-Class for Every Industrial Market



SPC Reports

ISA 18.2 Alarms Reports



Web Dashboards



Pharma



Manufacturing



Food & Beverage



Oil & Gas



Energy Reports

CIP Reports



Batch Reports



Water



Building
Automation

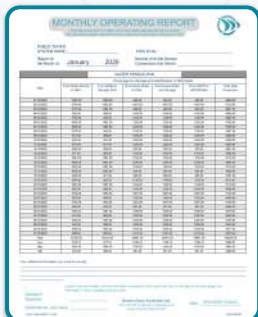


Energy
Management

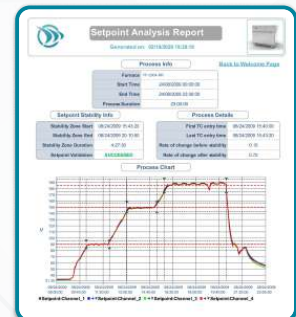


Life Sciences

Interactive Web Interface



Water Reports



Sterilization Reports

Delivering Best-in-Class Functionality Across All Industries



Dream Report is a global leader in edge technology, providing a complete, **programming-free reporting solution for industrial automation**

Dream Report can access **real-time and historical data** from almost any automation products (PLC, SCADA, ...) and historians, automatically generates and e-distributes reports, and enables their management over the web



With a dynamic **interactive web portal**, **SPC** support, **FDA 21 CFR Part 11** compliance and other integrated key functions, Dream Report has become the world **leading reporting solution** for industrial automation.

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 - UNLIM)
Web portal license models are based on the number of concurrent web clients.
(2 - 5 - 10 - 25 - 50 - 200)
Web Trends enabled with 2 or more Web Clients

Contact Information

For commercial information or to order Dream Report, contact us at:
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For technical questions, contact our technical team at:
Support@DreamReport.com



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