



OCEAN DATA SYSTEMS

The Art of Industrial Intelligence

Release Notes

Dream Report[®]

Version 4.83

**User Friendly Programming-Free[™]
Reporting for Automation**

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Summary of the New Functionality and Enhancements

(compared to the original version 4.82)

- **Enhanced Report Generation Queue:**
Starting from Dream Report 4.83, reports in the project will be generated in the priority queue.

Drivers Enhancements

- **New MQTT Driver – real-time values**

Brief Description of New Functions and Enhancements

(For more details, please, refer to the Dream Report® Help documentation)

Product Features

Report Generation Queue

Dream Report 4.83 introduces new Priority management for report generation queue. Where Web reports and Reports generated on demand will get the highest priority for the generation and scheduled reports will get the lowest priority. User will have the option to change default priorities in the Report Settings.

Communication Driver Additions & Enhancements

MQTT Online Driver

New MQTT communication driver provide option to connect to IIOT Devices via MQTT brokers.

Corrected Issues/SCRs (compared to the previous version 4.82)

SCR#	Description
SD 3104	[Generator] "Exception during report generation due to a wrong Batch-based period in the object with SQL Query function"
SD 3102	[CSV] Fix for CSV Alarm driver doesn't transfer the data into DR database.
SD 3101	[Citect] Fix for String values are logged in DR Database as some numeric values in the column NumValue using Citect real time driver.
SD 3099	[OPC DA] Not possible to get values from Controller tags from FT Gateway OPC.
SD 3095	[OPC DA] Studio crashes upon reload of the project with the OPC AE driver.
SD 3098	[Citect] Fix for CAIT records duplicated values from Citect Historical driver.
	Other Product Minor Improvements
[DEV-43]	[DRV WW HISTORIAN HDA ITEM] List of data qualities in WW Historian HDA Item driver
[DEV-44]	[DRV WW HISTORIAN HDA ITEM] Added filter IS NOT NULL for value request in WW Historian HDA Item driver
[DEV-47]	[DRV WW HISTORIAN HDA ITEM] #DEV-47: Make WW Historian HDA item driver to be thread safe in order to generate reports in parallel.
[DEV-50]	[License] "No License" panel instead of "No License" modal dialog, added special warning panel for Studio when it's running without the license and remove evaluation dialog on the start up
	[Tag browse] Fixed issue with slashes in tags names with raw data.
	{Csv Driver} Added possibility in UI to change path for track-log files.
[DEV-45]	Added synchronization for the tag id cache in the internal HDA item driver to make it thread safe
[DEV-46]	Added ClearSCADA license module and configuration executable into install
[DEV-49]	Modified UI code in order to support changing the DPI settings
[DEV-53]	User wants to select CSV format to be sent by email within Report Mail Settings dialog

System Requirements

Hardware Requirements

- **CPU:** Dual Core 2.4 GHz+
- **RAM:** 8 Gb+
- **HDD:** 1 Gb (for installation) minimum, 7200 rpm or higher (or SSD)
- **Video adapter:** Minimum memory 128 Mb
- **Network adapter:** No special requirements
- **Monitor resolution:** 1280x768

Operating Systems Supported

- Windows Server 2012 (incl. R2), any SP, (32-bit and 64-bit editions)
- Windows Server 2008 R2, with SP1 ONLY, (32-bit and 64-bit editions)
- Windows 7 (32-bit) and (64-bit) with SP1 ONLY
- Windows 8 Professional and Enterprise (32-bit and 64-bit editions), incl. SP1 and SP1 R2
- Windows 8.1 Professional and Enterprise
- Windows 10
- Windows 10 for IoT
- Windows Server 2016

Databases Supported

- MS SQL Server 2005 Express; 2008 Express; 2012, 2014 and 2016 Express (using ODBC SQL Native Client 11)
- MS Access 2000, 2003, 2007, 2010, 2013, 2016
- MS SQL Server 2005, 2008 (incl. R2)
- MS SQL Server 2012, 2014, 2016 over ODBC SQL Native Client 11
- MySQL 4.x and 5.x versions over ODBC driver 3.51, 5.1
- Oracle 11, 12 over Oracle XE ODBC driver

Web Browsers Support for Web Portal

- Internet Explorer 10 and higher (IE 11 recommended)
- Chrome
- Mozilla Firefox
- Opera
- Edge

Important NOTE: (Browsers must support HTML5)!

Mobile Operating Systems

- The Dream Report Web portal is supported in a web browser on Android, iOS (both iPad and iPhone) and Windows Phone 8.1 and 10.

Additional Software Requirements

- To visualize PDF files, user needs to install Adobe Acrobat or other PDF viewer (the latest versions are recommended). The Adobe Reader installer is located in \ODS\Dream Report\Utilities\
- To use Web Portal, you have to install a web server (Internet Information Server or other) before Dream Report® installation. For additional information on configuring IIS for use with Dream Report, please refer to the Web Portal section
- .NET Framework 3.5 and .NET Framework 4.61 or higher have to be installed before Dream Report® installation. Please note that for successful installation of .NET 4.61 user have to ensure that the latest updates are applied for the Operating System!

Demo Version Limitations

If you have installed the Dream Report Demo version (i.e., running Dream Report with no valid license installed, in "Evaluate" mode), it will have the following limitations:

- Dream Report® runtime will run a project continuously for 30 minutes and then shut down.
- A maximum of 100 unique items (tags) is allowed
- Web portal is enabled with one concurrent web client connection.
- A red line will be added on top of each report page, which says that report has been generated with the demo version of Dream Report®.

Note:

- Please, refer to the Dream Report® online help to get information about any specific functionality. Online help can be opened in the *Help* menu of Dream Report Studio (F1) or using the Windows *Start > ODS > Documentation* menu.

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