



Ocean Data Systems Ltd.

The Art of Industrial Intelligence

Release Notes

Dream Report®

Version 4.52

Programming-Free Designer-Friendly™ Reporting for Automation

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Summary of New Functionality (compared to the previous version 4.51)

- **Windows 8 Support**
- **Windows Server 2012 Support**
- **MS SQL Server 2012 Support**
- **Special Web Portal for Mobile Devices**
- **New driver for Siemens, S7 200/300/400**
- **New driver for OSI PI**
- **New driver for Wonderware IAS (MX protocol)**
- **New direct driver for Wonderware IntelaTrac**
- **Hyperlink, IPP and Buttons Enhancements**
- **Report Generation on Item Value Change**
- **Default Web Report property in user management**
- **Web List Box Enhancement**

Brief Description of New Functionalities

(for more details, please, refer to Dream Report® help documentation)

New Operating Systems Support

Dream Report 4.52 is now supported on Windows 8 and Windows Server 2012 (both 32-bit and 64-bit)

New Database Support

Dream Report 4.52 is now supported on MS SQL Server 2012

Special Web Portal for Mobile Devices

There is a new web portal available, specially designed for mobile devices. When user connects to Dream Report web portal from a mobile device, then mobile portal will be automatically opened. It looks and works like a real mobile application. The mobile portal is supported on Android, iOS (iPad, iPhone) and on Windows mobile platforms.

New Driver for Siemens S7

New real-time driver is available for Siemens S7 200/300/400 PLCs using TCP/IP. Driver provides access to real-time values.

New Driver to OSI PI

New historical values driver is available for OSI PI historian system. Driver is using ODBC bridge and provides automatic browse of tags as well provides access to historical values for reporting.

New Driver to Wonderware Industrial Application Server (using MX protocol)

New real-time driver to Wonderware Industrial Application Server using MX protocol provides access to tag browse and real-time values at IAS using MX protocol. Tag browse is delivered directly from Galaxy database (using GR protocol).

New Driver to Wonderware IntelTrac

New historical values driver provides direct access to WW IntelTrac database. Driver provides automatic tag browse and access to historical values.

Hyperlink, IPP and Button Enhancement

New version of Dream Report® contains new hyperlink and button functions:

- Button “Generate” which allows accessing a new dialog window “Dynamic generation parameters”
- Button “Refresh” has new options, which aligns its functionality to “Generate” button
- Hyperlink configuration for Single Data Object and Hyperlink object type configuration

Report Generation on Item Value Change

New report “Generate on Event” option allows generating reports on item value change.

Default Web Report Property in User Management

New version of Dream Report enables assigning specific default report to a user and this report will be automatically opened by default, when user will log into a Dream Report web portal.

Web List Box Enhancements

A web object “List box” has now new display mode: “Radio buttons” if a single selection mode and “Check boxes” if multi-select mode is selected. Also, if list box displays a list of tags, user can pre-select a favorite list, to be displayed in that specific list instead of having a full list of tags from a data source.

The List of Improvements and Corrections (compared to the original version 4.51)

SCR	Description
1903	Items are logged several times from analytical data source when they are logged in 2 logging groups
1899	Analytical object must be calculated with timestamp of logging group and not using the timestamp when its calculation had been started
1890	When batch information is contained in several uhh files, uhh importer considers timestamp of the last file as a batch start time (Eurotherm data source)

1883	Step table fails to present data from Web Manual driver
1875	CAIT fails to import data from Review database (Eurotherm data source)
1865	Item browse doesn't work if backslash presents in the instrument name (Eurotherm data source)
1855	When Alarm/Event Description is "Null" (empty) such alarm won't be seen as a part of an Alarm table
1843	DR fails to create folders for copying report files to remote PC to fully qualified network path with user who has full access rights
1837	Excel file cannot be open in RMC neither in Web once generated.
1836	Expression which is based on objects taken from step table footers gives N/A even if object(s) have values if the object title has cartridge return
1834	Communication with InTouch will be lost after restarting InTouch
1830	Advanced visualization in Automatic Statistical Table does not work with dynamic range
1827	Wonderware drivers should support native connection to SQL Server 2012
1826	When working with Wizcon History, DR must not consider values that marked as com. error values
1819	DR can't connect to a Master OPC Universal Modbus server.
1817	Entering double-byte characters destroys a string object
1814	Fixed period does not work in DRG if project language is not English
1811	Selected Timestamp format is time, but it puts Date and Time in report
1810	When adding an email to the email's recipient list empty the check empty fields has to be done and warning message must appear before closing the user's email definition!
1809	In CM 2011 String Tag Values and Alarm Text are in UTF-8 which cause Dream Report to show data incorrectly
1796	Report pdf file cannot be opened after generation
1782	It is not possible to modify Alarm Filter condition in WW Alarm Driver
1781	Only the first generated report brings values. The same report generated second time brings N/A.
1777	Memory leak while generating step table from TView data source.
1773	Chart fails to retrieve data from MS Access when values have duplicated timestamps
1772	Chart fails to retrieve data from MS Access when values have duplicated timestamps
1767	Column width of a table is reset to default in the web form, if table has a name
1765	iFix historical drivers fails to retrieve more than 5000 values
1763	Decimal symbol "," or "." is not taken into consideration on Y axis in a chart once it was set in regional settings
1753	Events from WWALDB are not displayed in alarm table.
1739	The "Report full name" object gives the path to the project default report folder. When report is copied automatically to another folder, then this object has to display path to the copied folder.
1735	Alignment in a single data object is not correct when any unit is added to result.
1734	OPC HDA cannot browse tags from Prokter OPC HDA server over DCOM
1732	There is no way to view the full tag name in the IPP configuration dialog if it is long
1730	The acknowledgement time is the same that start time with WS PcVue real-time alarms driver.
1728	When creating new / upgrading old OPC based project the config XML file wasn't updated properly
1727	Possibility to pass IPP in "Refresh" button in web reports
1725	Project gets corrupted during upgrade from HMI reports to DR4.5
1723	The request to retrieve the Min and Max seems to be not optimized.
1722	If we acknowledge alarms in PcVue then Dream Report display additional wrong lines (Data Source - PcVue HDS Alarms driver).
1721	When project is created by project wizard time format and date format is not set. It causes to

	wrong format of timestamp with millisecond in item table for example
1712	Reload of the project where InduSoft DA driver is defined may take up to 20 minute if at all will be loaded.
1703	The field "Attach Y Axis To:" of the chart definition is not wide enough to show the tag or column name
1702	Table name overlaps tables header
1699	Functional regression in web. Options to show "pdf toolbar" and "context menu" are no longer working in DR 4+
1694	Default value for the manual input items is not shown in web report
1692	Tags that includes special characters like "é" cannot be properly treated in InTouch Driver.
1691	Sometimes Last Value for "Stopped By" tag from BatchDetails table returns an empty string for selected batch or last/current batch
1686	Timestamps are shifted while import of Review DB to SQL Server
1678	When one column of the step table is defined to display current value, then all columns (for step data) of step table display N/A.
1677	Alarm table shows always all alarms from Wizcon application using Wizcon historical alarms driver.
1676	Alarms are not logged in DR history and not displayed in Logger studio from Wizcon application using Wizcon real-time alarm driver.
1674	When data is logged in DR History using Analytical driver, and data in SDO is retrieved using SQL Query, then LoggerRT.exe crashes.
1625	Scripting support is added to the Step Table in expression object
1624	Possibility to call Project Parameters Definition dialog from all dialogs where ipp has to be used.
1599	New tuning parameter has to be added avoiding RMC to be minimized to system tray
1549	Sort of Report Levels in Studio and in Runtime and Web is not in alphabetical order
1544	ODBC alarms driver with LWEB structure does not work with MS SQL Server
1541	Excel reports with xlsx models

System Requirements

CPU: Duo Core 1,6 GHz+

RAM: 2 Gb+

HDD: 350Mb (for installation) minimum

Video adapter: No special requirements

Network adapter: No special requirements

Monitor minimum resolution: 1024x768

Operating Systems Supported

- Windows XP Professional Edition (Web Portal requires Service Pack 3 or higher)
- Windows 2003 Server (incl. R2)(Web Portal requires Service Pack 2)
- Windows Vista (Web Portal requires Service Pack 1 or higher)
- Windows 2008 Server (incl.R2), any SP and (32-bit) and (64-bit)
- Windows 7 (32-bit) and (64-bit) with and without SP1
- Windows 8 Professional and Enterprise
- Windows 2012 Standard and Enterprise

Databases Supported

- MS SQL Server 2005 / 2005 Express,
- MS SQL Server 2008 / 2008 Express (incl. R2),
- MS SQL Server 2012 / 2012 Express (incl. SP1)
- MS Access 2000, 2003, 2007, 2010, 2012
- MySQL 4.x and 5.x versions over ODBC driver 3.51, 5.1
- Oracle 11 over Oracle XE ODBC driver

Additional Software Requirements

- To visualize PDF files you need to install Adobe Acrobat Reader ver. 7.0 and higher (the latest version 10.x is recommended)
- To generate and visualize reports in Excel format, MS Excel has to be installed
- To use Web Portal you have to install a web server (Internet Information Server or other) before Dream Report® installation.

Demo Version Limitations

If you have installed the Demo version, it will have the following limitations:

- Dream Report® will run continuously for 30 minutes maximum.
- Demo license is limited to 25 data items, which can be used in the project.
- Web portal is enabled.
- 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 **Help** menu of *Dream Report* studio or using **Start** menu.

To buy Dream Report®

Please contact our sales at: sales@dreamreport.net

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