



OCEAN DATA SYSTEMS

The Art of Industrial Intelligence

Release Notes

Dream Report[®]

Version 4.81

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

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Summary of the New Functionality

(compared to the original version 4.80)

- CSV Import / Export of configurations for the following modules – VRI, MTA, CAIT, Logging Groups and IPP's
- Enhanced Search/Replace Module
- New Statistical Function – “Difference”
- Enhanced performance for Batch based reports generation
- Added Support for MTA in XY Chart

Drivers Enhancements

- Wonderware Online HDA Item Driver
- Wonderware Historian HDA Item Driver
- Wonderware IntelaTrac HDA Item Driver
- Wonderware InTouch LGH HDA Item Driver
- OSI PI HDA Item Driver
- Citect Native HDA Item Driver
- WinCC DA Item Driver
- Dream Report ODBC HDA Item Driver

Brief Description of New Functions

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

Product Features

CSV Export/Import

Dream Report 4.81 introduces the option to Export and Import key module definitions to/from CSV format in order to be able to configure those modules in offline mode. This approach is very handy when the number of definitions in the specific module is large. Modules where the project designer can benefit from CSV Export and Import feature are the following:

1. MTA – “Multi Tag Aggregation” Module
2. VRI – “Virtual Report Instances” Module
3. Data Logger – “Item Groups Definition” Module
4. IPP – “Internal Project Parameters” Module
5. CAIT – “Custom Archive Import Tool” Module

Search and Replace

The **Enhanced** Search and Replace function in Designer Studio enables the report designer to easily find object(s) needed, and to automatically replace the following items within the currently opened report:

- Data Sources and Item Names
- Time Definitions
- Advanced SQL Conditions

Dream Report version 4.81 provides possibility to search and replace data by “user defined” mask criteria. By default, the mask (wildcard) character is “#”; however, such mask won’t work if making replacements in the “Advanced SQL Condition” part of the object (“#” is also used as an internal indicator for Dynamic Tokens). Therefore, the user will be able to set his own mask character in order to be able to perform desired search and replace operation. Even if only one object is selected for search and replace.

New Statistical Function “Difference”

The New Statistical Function “Difference” is added into Dream Report 4.81. This statistical function will calculate the simple mathematical difference between the last and the first value in the specified time period. It differs from the existing “Counter” statistical function in that Counter calculates the difference, but also considers value/counter “rollovers” during the specified period.

Enhanced Performance for the Batch Management

Dream Report 4.81 introduces an improvement in the management of the batches. Before this enhancement Dream Report searched for all available batches since 1/1/1970. With Dream Report version 4.81, the user can explicitly set the time period for which to populate the list of all available batches. This approach improves performance for Batch List creation by 3-4 times.

Support of MTA (Multi-Tag Aggregation) in XY Chart

Added resolution of dynamic address for X axis in case of MTA tag use.

Drivers Improvements

Wonderware Online InSight HDA Data Item

- Support of REST API version 2 – Starting from Dream Report ver. 4.81 the WW Online InSight HDA Data Item connectivity driver supports REST API version 2
- Support for String Tag Values
- Support of retrieval modes - additional option for driver configuration: Retrieval Mode, Interpolation Type, Timestamp Rule.

See more fixes in the list below...

Wonderware Historian HDA Data Items

Several enhancements and issues fixes, see list of SCRs below.

Wonderware IntelTrac HDA Data Items

Use local version of GetSqlServerDriverName method during report generation, use the method from factory if it exists (in design mode)

Wonderware InTouch LGH Data Items

Added optimization of working with large InTouch LGH files

OSI PI HDA Data Items

- Changed format of the timestamps in query.
- Option to browse with tag prefixes/filters like folders.
- Fix connection problem with incorrect use of DSN Manager.

Citect Native HDA Data Items`

Added support for multi-cluster Citect history

WinCC DA Data Items

Enhanced browse of Network tags.

ODS Advanced ODBC HDA Data Items

The updated ODBC driver will use '*timestamp >= and timestamp <*' comparison instead of *between* while sending time period into SQL server.

Corrected Issues/SCRs (compared to the previous version 4.80)

| SCR# | Description | Company |
|---------|--|--------------------|
| SD-3036 | [DRV CITECT HDA ITEM] Support for multi cluster configurations. | Schneider Electric |
| SD-3014 | [DRV INSQL HDA ITEM] All values option for delta mode. "Delta mode of WW Historian driver must have a possibility to set the number of retrieved values" | Wonderware |
| SD-2975 | Time conversion to Review format fails with some particular time period definitions | Eurotherm |
| SD-2973 | [Batch Manager] User name and password switched in Batch Definition dialog->DSN section | Wonderware |
| SD-2963 | Default web report cannot be shown when it's defined for User Group | Wonderware |
| SD-3027 | Reports folders and reports in the folders are duplicated many times while browse for unsigned reports in e-Signature console when there are several reports with eSignature in the project. | |
| SD-3034 | [MTA] MTA is very slow to be saved into projects DB | Siemens |
| SD-3020 | Some sections of the report settings are not displayed in different languages. Refer to the attached screenshot. | ODS |
| SD-3035 | [LICENSE] Apply option packs for USB plugs. | ODS |
| SD-3009 | [DRV INSQL HDA ITEM] "Time Zone" setting of the WW Historian driver doesn't work | Wonderware |
| SD-3019 | ADF cannot be saved in the new project. | ODS |
| SD-3018 | Studio crashes when batch is not defined in the Dynamic Parameters section of the Action Button "Refresh Report". | Wonderware |
| SD-2980 | [Mail Settings] Email Subject is not considered when sending an email; DR always keeps default Subject. | Wonderware |
| SD-2917 | Korean symbols overlap one over another in the end of the string in text objects and in the caption of the tables. | Arc Informatique |
| SD-3010 | [DRV InTouch LGH HDA] DR is not able to get data from the large sized lgh files. | Wonderware |
| SD-2981 | ADF is not considered when analytical item is recorded without report generation. | GE |

| | | |
|---------|--|----------|
| SD-2995 | There must be an option to manage "N/A"s in MTA feature. Solution: New option is added to provide the user flexibility to decide to keep N/A or return "0" values, so other calculations that relies on that MTA calculation can be also calculated well. | ODS |
| SD-2994 | [DRV Desigo - CAIT] If tags transferred from Desigo using CAIT into DR DB and then used in Data Modeler, the report fails to resolve the correct address from DR DB. Solution: escape addresses for internal history, solve issue of data model from CAIT. | Siemens |
| SD-3002 | [DRV WinCC DA] Forward slash symbol in the folder name makes it impossible to browse items from WinCC. | Siemens |
| SD-2985 | Alarms cannot be retrieved from DSE files using Yokogawa Alarms driver. | Yokogawa |

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 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.
- .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!

- If you want to use DRWeb Portal, please install a web server (Internet Information Services) before installing Dream Report. For additional information on configuring IIS for use with Dream Report, please refer to the Web Portal section

Demo Version Limitations

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

- Dream Report® runtime will run a project continuously for 30 minutes and then shut down.
- 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 Help menu of Dream Report studio or using Start menu.

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- support@dreamreport.net

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