OCEAN DATA SYSTEMS LTD
THE ART OF INDUSTRIAL INTELLIGENCE

Accumulated Patches Release Notes

Dream Report®
Version 4.7 R2 (4.72)
Patch II
Build 11204
(compared to the official version 4.72)

User Friendly Programming-Free™ Reporting for Automation

Contents

Introduction

This release notes includes an accumulated list of fixed issues and enhancements performed since release of official Dream Report ™ version 4.72.

Deployment Notice.

This patch can be installed on top of official Dream Report ™ version 4.72 or on top of DR 4.72 PATCH I.   It cannot be installed on any earlier Dream Report versions.
To install the patch please run patch executable. User that will install this patch must have administrative rights! It is very important to reboot computer after patch deployment process is completed!

         R e l e a s e   N o t e s

List of Fixes and Enhancements for Patch II

Build 11204
Release date: 30.12.2016

Summary of Fixes

- **SCR #2946** – "Memory optimization required in the ADF module"
- **SCR #2942** – "Generation of the report from the Yokogawa files on the Batch monitor event doesn't update the ProjectCfg.mdb."
- **SCR #2941** – "First row of the step table display previous value when there are no values in the first step period, using tags from DR Internal History."
- **SCR #2935** – "UHH Importer cannot work properly with UNC paths - error 1326 appears on Test Connection, while the same user can access the UNC folder from Windows!"
- **SCR #2836** – "When generating Batch based Report from DRG all batch definitions are replaced in the report even the Absolute one set base on the dynamic object (item field value)"
- **SCR #2939** – "DBatch records only one batch after reload. Logger crashes on shutting the project"
- **SCR #2934** – "When Custom Time Format for SQL query in Date Time picker object is used the hh:mm:ss placeholders are not replaced by selected time"
- **SCR #2928** – "Optimization in performance for Web Reports where big tables have to be presented (Dmlc big tables fix)."
- **SCR #2927** – "Web chart display incorrect timestamps for values (time shift 1 hour)."
- **SCR #2918** – "Long list of favorite tags slows down saving of the project"
- **SCR #2903** – "DBatch stops recording batches if for some reason the latest batch has a number that is smaller than the previous one."

- [Product General] Citect license behavior has been modified.
- [Product General] Tuning parameter to open hype links with URLs in the same tab/window.
    In order to be able to open URL in the same tab, please proceed as follow:
    1. Go to System Folder and open in edit mode the "Ods.Web.Dmlc.exe.config"
    2. Find in it section:
    <appSettings>
        <add key="urlOpenInSameTab" value="false" />
     </appSettings>
    3. Change value from "false" to "true", save the file and reload the project.

- [Product General] Process simulation database was updated with new data for 2017 and 2018 years.
- [Product General] Russian translation had been improved.
- [Product General] ODS passed complete validation to support GE Proficy Historian 7 in Dream Report 4.72 patch II.

Communication Drivers

Smart Signal driver

- Implemented WEEK based step period

Yokogawa driver

- Added new static group with name ALL_CHANNELS or ALL_CHANNELS_DR with flat list of all channels we found in files.
- SCR 2924 - Added additional info-tags for basic, batch and signature for devices of DX/AdvDX/DXP-types
- Added start of range timestamp for additional info-tags for basic, batch and signature.

         R e l e a s e   N o t e s

List of Fixes and Enhancements for Patch I

Build 10985

Release date: 31.10.2016

Enhancements

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Option for single sign was added to be able to perform sing to the Dream Report web site from the external Web sites (RACO API added to web reports generation).

- Driver Toolkit - Updated with possibility to work with ODS::HdaFunctionType::OPEN_SESSION and ODS::HdaFunctionType::CLOSE_SESSION.

- Allow 1 value sample size in SPC configuration dialog

Summary of Fixes

- **SCR #2904** - " Generator crashes upon generation of the report with the write-back to OPC, when the connection is down."
- **SCR #2903** - DBatch stops recording batches if for some reason the latest batch has a number that is smaller than the previous one"
- **SCR #2901** - " DR Studio crashes upon editing the Date/Time object grouped with other objects"
- **SCR #2900** - " Wrong filtering of the values lead to loosing of the points on the Chart."
- **SCR #2896** - "Japanese text displayed as set of characters in several places of DR studio."
- **SCR #2892** - " DR Studio and Logger crashes when trying to read (record) Hebrew string"
- **SCR #2889** - "Generating Excel report from Web causes endless windows popping up"
- **SCR #2888** - "Generation from RMC will trigger email sending. Email has to be sent by generation from DRG with Email target selected only."
- **SCR #2887** - "Some objects are not printed after applying a Report Template"
- **SCR #2882** - "When new project is created over "Advanced project option" the Localization->Date Format will be empty. This will cause improper work of the Web portal."
- **SCR #2881** - "Chart display incorrect results with option relative time when several lines linked to one X axis. 3.43 project with correct results attached."
- **SCR #2878** - "Chart with relative time on X axis display incorrect relative time (hours of relative time displayed as minutes)."
- **SCR #2873** - "Possibility to type in Timestamp in the Time Picker"
- **SCR #2872** - "Slow report generation when ADF is used for the long-time period calculations"
- **SCR #2861** - "Values will be displayed on the Bar even if to uncheck checkbox "Display value" in Appearance tab of Histogram definition. "
- **SCR #2855** - "generating report from cmd ignores IPP's if no time for generation is specified."
- **SCR #2847** - "Item table brings n/a using review driver, tags from folder BatchDetails and batch based period with dynamic batch definition and dynamic batch id."
- **SCR #2844** - "Email is not sent upon scheduled report generation. Reports are not printed as well!"
- **SCR #2845** - "Hebrew columns captions in step table are inverted time to time when generating Web report"
- **SCR #2849 -** "Main report template is generated instead of the report Instance, when you use DRG of Web Portal"
- **SCR #2846** - "AM/PM issue in date time object. Date presented as timestamp with AM/PM format displayed as 13, 14, 15... "
- **SCR #2843** - "Exception during report generation using direct UHH driver."
- **SCR #2839** - Report generation failed for current values taken from DeltaV OPC DA.
- **SCR # 2848** - "Time period is not passed from Action Button to pdf report"
- **SCR #2862** - Tags from External Data Sources will be duplicated while tags browse if Studio will be opened for some time (10-15min)

- [Generator] Fixed problem with report on event generation due to incorrect comparison of Last (previous) value and Updated value.

     R e l e a s e   N o t e s

Communication Drivers

Smart Signal driver

- Update with additional debug messages in trace.
- Update for version 6.1.0 of Smart Signal.
- Update. Added parameter TimeOutForDataRequest. Fixed GET_VIOLATIONS_COUNT result.
- Update of queries functionality
- Error msg pops up while clicking on button Test connection when testing connection to existing definition of DSN to query support drivers. In order to simulate: add DSN to query support driver to the project. Close DSN manager and open it again. Select existing definition and click on the button Test connection.
- Command GET_VIOLATIONS_COUNT('2012-01-01 00:00:00.000', '2013-01-01 00:00:00.000', '', '') brings N/A.
- Added function GET_VIOLATIONS_BAR_TREND.
- Added function performance improvement. Added some log messages.
- SCR #2875 - "User name and password from Smart Signal driver configuration is logged as a plain text in the log files."

Proficy Historian Alarms driver

- Enhancement for alarms for GE – Added support for additional columns.

Wonderware Historian Values driver

- Enhancement that allows to set whether the time period limits are excluded or included in the query to retrieve the data values.

Wonderware Historian Alarms driver

- SCR #2877. DR Studio crashes upon attempt to open the project.

Wonderware LGH driver

- SCR #2902. Wrong line appears on the Chart from the lgh files.

Wonderware Historian OData driver

- Enhancement – If there is no connection to the data source the connection error will pop up immediately. This behavior was improved with the latest driver available in the patch.

Yokogawa driver

- Added translation possibility with file yokogawa_translation.xml . Added additional info-tags for basic, batch and signature for devices of GX-type.
- SCR #2853 - "Tag Comment" field should be available in the Alarm Table with Yokogawa driver.

OPC driver

- Fixed variant to string conversion issue.

Web Manual driver

- SCR #2860 - "Manual input driver will send a wrong query if the query with SQC was done before"

Citect HDA driver

- SCR #2850 - "When querying tags from Citect Historian, while those tags are not existed in the "Citect Values Database" SQL query is missing the table name"

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