ICONICS
Reporting Tools Comparison

APPLICATION NOTE

September 2017

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Visualize Your Enterprise™

Description: This Application Note is a guide to the different ICONICS reporting tools to help you choose the reporting tool that is right for your project.

Features & Basic Information					
	ReportWorX64	**ReportWorX Express**	**ReportWorX 365**	**ReportWorX (32-bit)**	**TrendWorX32 Reporting**
Description	ReportWorX64 is a new component of GENESIS64 that is integrated with the new BI server. It supports all features of ReportWorX to unify data sources for a complete view of information.	ReportWorX Express is a lightweight Excel plug-in that allows the user to pull in data from a variety of data sources. Can be used to create templates for ReportWorX64.	ReportWorX 365 is an add-in for Excel that can be installed from the Office store. It's functionally similar to ReportWorX Express, but cannot be used to create ReportWorX64 templates.	ReportWorX is a fully-featured reporting tool, designed to report on a variety of data sources from ICONICS products, databases, and more. Reports can be scheduled or triggered manually via the Unified Web Interface.	TrendWorX32 Report is a small application that comes with GENESIS32 designed to report on data logged by TrendWorX32 Logger or TrendWorX64 Logger.
Pricing & Availability	Purchase separately, installed from ICONICS Suite disk. Priced by Active Report.	Included at no charge with all GENESIS64 and AnalytiX products. Available as standalone installation.	Obtained for no charge from the Office store.	Purchase separately, installed from BizViz disk. Priced by Active Report.	Included in GENESIS32 and TrendWorX32 at no charge.
Templates	Yes	No	No	Yes	Yes
Parameters	Yes	Yes	Yes	Yes	No
Web Interface	ReportWorX64 controls in GraphWorX page, or pre-made Reporting landing page	No	No	Unified Web Interface	No
Dynamic Report Name	Yes	No	No	Yes	Yes
Security	Yes, integrates with GENESIS64 security	Yes, integrates with GENESIS64 security	No	Yes, integrates with Active Directory	Yes, integrates with GENESIS32 security
Able to secure individual reports	Yes	No	No	Yes	No
Able to configure data sources from within the app	Yes	Yes	No	Yes	No
Alarm Analytics	No	No	No	Yes, must be purchased separately	No

Supported Data Sources

	ReportWorX64	ReportWorX Express	ReportWorX 365	ReportWorX (32-bit)	TrendWorX32 Reporting
OPC-DA	Yes	Yes	Yes	Yes	No
OPC-UA-DA	Yes	Yes	Yes	No	No
OPC-HDA	Yes	Yes	Yes	Yes	No
OPC-UA-HDA	Yes	Yes	Yes	No	No
OPC-UA-HAE	Yes	Yes	Yes	No	No
TrendWorX32 Logger Database	Yes, via OPC-HDA	Yes, via OPC-HDA	Yes, via OPC-HDA	Yes	Yes
TrendWorX64 Logger Database	Yes, via OPC-HDA	Yes, via OPC-HDA	Yes, via OPC-HDA	Yes	Yes
Hyper Historian	Yes	Yes	Yes	Yes, through HDA or Generic Database	No
AlarmWorX32 Logger Database	Yes	Yes	Yes	Yes	No
AlarmWorX64 Logger Database	Yes	Yes	Yes	Yes	No
Generic Database	Yes	Yes	Yes	Yes	No
Web Services	Yes	Yes	Yes	Yes	No
Energy AnalytiX	Yes	Yes	Yes	No	No
Quality AnalytiX	Yes	Yes	Yes	No	No
Custom Data Sources	Yes, via a point manager written to expose data as DA, HDA, HAE, Dataset, etc…			Yes, support for custom DLLs	No

Report Scheduling

	ReportWorX64	ReportWorX Express	ReportWorX 365	ReportWorX (32-bit)	TrendWorX32 Reporting
On Demand	Yes	Yes	Yes	Yes	Yes
On Time/Schedule	Yes	No	No	Yes	Yes
On DA change	Yes	No	No	Yes	Yes
On Alarm	Yes	No	No	Yes	No
On File Change	Yes	No	No	Yes	No
On NT Event	Yes	No	No	Yes	No
On Database Change	Yes	No	No	Yes	No

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Report Destinations

	ReportWorX64	ReportWorX Express	ReportWorX 365	ReportWorX (32-bit)	TrendWorX32 Reporting
32-bit Excel	Yes (Excel not required on server, used to configure templates)	Yes	Yes	Yes	Yes
64-bit Excel		Yes	Yes	No	No
PDF	Yes	No	No	Yes, from Excel report	No
HTML	Yes	No	No	Yes, from Excel report	Yes, from Excel report
CSV	No	No	No	No	Yes
Database	No	No	No	No	Yes

Completed Report Redirection

	ReportWorX64	ReportWorX Express	ReportWorX 365	ReportWorX (32-bit)	TrendWorX32 Reporting
Email	Yes	No	No	Yes	Excel reports only
Copy to Folder	Yes	No	No	Yes	Yes
Publish to Web	Yes	No	No	Yes	No
Print	Yes	No	No	Yes	Excel reports only
SMS	Yes	No	No	No	No
Fax	No	No	No	Yes	No