



ICONICS

Reporting Tools Comparison



APPLICATION NOTE

June 2017

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 (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.	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 no charge separate installation for BizViz and GENESIS32.	Purchase separately, installed from BizViz disk. Priced by Active Report.	Included in GENESIS32 and TrendWorX32 at no charge.
Templates	Yes	Yes (new in 10.95)	Yes	Yes
Web Interface	No (landing page in GraphWorX)	No	Yes	No
Alarm Analytics	No	No	Yes, must be purchased separately	No
Security	Yes, integrates with GENESIS64 security	Yes, integrates with GENESIS64 security	Yes, integrates with Active Directory	Yes, integrates with GENESIS32 security
Able to secure individual reports	Yes	No	Yes	No
Layout Manager	No	No	Yes	No
Parameters	Yes	No	Yes	No
Dynamic Report Name	Yes	No	Yes	Yes

Supported Data Sources

	ReportWorX64	ReportWorX Express	ReportWorX (32-bit)	TrendWorX32 Reporting
OPC-DA	Yes	Yes	Yes	No
OPC-UA-DA	Yes	Yes	No	No
OPC-HDA	Yes	Yes	Yes	No
OPC-UA-HDA	Yes	Yes	No	No
TrendWorX32 Logger Database	Yes	Yes	Yes	Yes
TrendWorX64 Logger Database	Yes	Yes	Yes	Yes
Hyper Historian	Yes	Yes	Only through HDA or Generic Database	No



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AlarmWorX32 Logger Database	Yes	Yes	Yes	No
AlarmWorX64 Logger Database	Yes	Yes	Yes	No
Generic Database	Yes (Configure connection to database in GridWorX first, then use that connection for ReportWorX)	No	Yes	No
Web Services	Yes	No	Yes	No
Energy AnalytiX (Energy Star)	Yes	Yes	No	No
Quality AnalytiX	Yes	Yes	No	No
Custom Data Sources	Yes, if custom point manager is written to expose data as DA, HDA, HAE, Dataset, etc...	No	Yes, support for custom DLLs	No
Report Scheduling				
	ReportWorX64	ReportWorX Express	ReportWorX (32-bit)	TrendWorX32 Reporting
On Demand	Yes	Yes	Yes	Yes
On Time/Schedule	Yes	No	Yes	Yes
On DA change	Yes	No	Yes	Yes
On Alarm	Yes	No	Yes	No
On File Change	Yes	No	Yes	No
On NT Event	Yes	No	Yes	No
On Database Change	Yes	No	Yes	No
Report Destinations				
	ReportWorX64	ReportWorX Express	ReportWorX (32-bit)	TrendWorX32 Reporting
32-bit Excel	Yes (Excel not required on server, used to configure templates)	Yes	Yes	Yes
64-bit Excel		Yes	No	No
CSV	No	No	No	Yes
Database	No	No	No	Yes
HTML	Yes	No	Yes, from Excel report	Yes, from Excel report
PDF	Yes	No	Yes, from Excel report	No
Completed Report Redirection				
	ReportWorX64	ReportWorX Express	ReportWorX (32-bit)	TrendWorX32 Reporting
Email	Yes	No	Yes	Excel reports only
Folder	Yes	No	Yes	Yes
Publish to Web	Yes	No	Yes	No
Fax	No	No	Yes	No
Print	Yes	No	Yes	Excel reports only

ReportWorX 365 offers all of the same functionality as ReportWorX Express and is installed from the Microsoft Office App Store instead of from an ICONICS DVD.