

SCADA ICONICS Suite™



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Quick Reference

Series Description	Development with Runtime				Runtime Only		
	GENESIS64 Advanced Application Server Runtime with Development	GENESIS64 Basic SCADA Runtime with Development	Hyper Historian Server Standard Edition	Hyper Historian Server Enterprise Edition	GENESIS64 Advanced Application Server Runtime Only	GraphWorX64 Application Server Runtime Only	AlarmWorX64 Application Server Runtime Only
MODEL NUMBER	GEN64-A-xxx	GEN64-B-xxx	GEN64-H-S-xxx	GEN64-H-E-xxx	GEN64-RT-xxx	GWX64-RT-xxx	AWX64-RT-xxx
GENESIS64 and Hyper Historian Tags are Licensed and Counted Separately. Hyper Historian Express consumes GENESIS64 Tags							
Desktop Client with WebHMI-Mobile Options	1	1	1	1	1	1	1
GENESIS64 Developer Station	Y	Y	Y	Y			
AlarmWorX64 Server, Logger, Viewer	Y	Y			Y		Y
GridWorX Server for Database Connectivity	Y	Y	Y	Y	Y	Y	
ScriptWorX64, Jscript.net	Y	Y	Y	Y	Y		
Hyper Historian Express Logging	Up to 5000 Tags	Up to 5000 Tags			Up to 5000 Tags		
AssetWorX Server	Y	Y	Y	Y	Y	Y	Y
WebHMI Server	Y	Y	Y	Y	Y	Y	Y
MobileHMI Server	Y	Add-On			Y		
Remote License Capable	Y	N/A Single Machine			Y	Y	Y
On-Demand Tags (Release Inactive Tags)	Y	N/A	Y	Y	Y	Y	Y
AnalytiX BI Engine	Y	N/A			Y		
AssetWorX Navigator View Client	Y	Add-On			Y	Y	
Datasets View Client	Y	Add-On	Y	Y	Y	Y	Y
Mitsubishi Electric FA Connector	Y	Y	Y	Y	Y	Y	Y
Modbus	Y	Add-On	Y	Y	Y	Y	Y
BACnet	Y	Add-On	Y	Y	Y		
SNMP	Y	Add-On	Y	Y	Y		
EtherNet/IP	Y	Add-On	Y	Y	Y		
Web Services Connector	Y	Add-On	Y	Y	Y		
IoT Publisher with MQTT, AMQP, JSON	Y	Add-On			Y	Y	Y
Workflow	Y	Add-On	Y	Y	Y	Y	Y
ScheduleWorX64 Server	Y	Add-On	Y	Y	Y		
AlertWorX	Y	Add-On			Y		
Camera Control	Y	Add-On			Y	Y	
EarthWorX Viewer	Y	N/A			Y	Y	
GraphWorX64 3D Viewer	Y	N/A			Y	Y	
Voice Commands	Y	N/A			Y	Y	
Facility AnalytiX Assets	5	Add-On			5		
CFSWorX	Add-On	N/A			Add-On		Add-On
Hyper Historian Server	Add-On	Add-On	Y	Y	Add-On	Add-On	Add-On
Energy AnalytiX Services	Add-On	N/A	Add-On	Add-On	Add-On	Add-On	Add-On
ReportWorX Server	Add-On	Add-On	Add-On	Add-On	Add-On	Add-On	Add-On
BridgeWorX Server	Add-On	Add-On	Add-On	Add-On	Add-On	Add-On	Add-On

GENESIS64 Application Servers with Development

GENESIS64 Advanced Application Server Runtime with Development

GENESIS64 is an advanced, highly distributable HMI/SCADA solution suite designed for Microsoft operating systems. The ICONICS GENESIS64 Advanced Application Server with Development license delivers outstanding performance. It is designed to leverage 64-bit software technologies for operators, executives, and IT professionals to integrate data in real time, including data from manufacturing, facilities, infrastructure, process automation, IoT, and corporate business system domains into actionable business information and deliver that in secure web-enabled visualization dashboards for analysis, command and control.

Licensing includes connectivity with OPC UA, BACnet, Modbus, EtherNet/IP, open standard database connectivity, Web Services, and IoT methods. The license supports configuration (a.k.a. development) and runtime modes for GraphWorX64 and the ICONICS Workbench including advanced distributed asset architecture, advanced distributed alarm management, time-series data logging, and unparallelled visualization.

Licensing for the GENESIS64 Advanced Application Server with Development includes the following components of the ICONICS Suite:

License Model: On-demand tags. This mode allows configuration of an unlimited number of tag references; runtime tag count is limited to concurrently in-use active tags. Distributed licensing is available.

Server Components: AlarmWorX64 Server and Logger, AssetWorX Server, ScriptWorX64, RecipeWorX, WebHMI Server, Hyper Historian Express Logging (max of GEN64 tags up to 5000), FDDWorX with five (5) assets, AlertWorX, ScheduleWorX64, Workflow, MobileHMI Server, AnalytiX-BI Engine, ReportWorX64 Express, Voice Commands.

Connectivity: OPC Classic, OPC UA, Mitsubishi Electric Connector (iQ-R, iQ-F), BACnet, Cloud Connector (with MQTT, AMQP, JSON), Databases (GridWorX Server), EtherNet/IP (Class 3 Devices), Modbus, SNMP, Web Services.

Clients: One (1) advanced client, usable in: desktop app, Internet Explorer (WPF technology), HTML5-compliant web browsers, MobileHMI or KPIWorX apps (iOS, Android, or Universal Windows Platform). Includes development for GraphWorX64 and Workbench.

Visualization Features: AlarmWorX64 Viewer, TrendWorX64 Viewer, AssetWorX Navigator, Camera Control, EarthWorX Viewer, GraphWorX64 3D Viewer, KPIWorX dashboards, and Dataset viewers (including GridWorX Viewer, Table Control, Data Diagram, and Heatmap).

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-A-75	GEN64-APP-75	GENESIS64 Advanced Application Server with Development, Advanced Client, and 75 On-Demand Tags	-
GEN64-A-150	GEN64-APP-150	GENESIS64 Advanced Application Server with Development, Advanced Client, and 150 On-Demand Tags	-
GEN64-A-500	GEN64-APP-500	GENESIS64 Advanced Application Server with Development, Advanced Client, and 500 On-Demand Tags	-
GEN64-A-1500	GEN64-APP-1500	GENESIS64 Advanced Application Server with Development, Advanced Client, and 1,500 On-Demand Tags	-
GEN64-A-5K	GEN64-APP-5000	GENESIS64 Advanced Application Server with Development, Advanced Client, and 5,000 On-Demand Tags	-
GEN64-A-15K	GEN64-APP-15000	GENESIS64 Advanced Application Server with Development, Advanced Client, and 15,000 On-Demand Tags	-
GEN64-A-50K	GEN64-APP-50000	GENESIS64 Advanced Application Server with Development, Advanced Client, and 50,000 On-Demand Tags	-
GEN64-A-100K	GEN64-APP-100000	GENESIS64 Advanced Application Server with Development, Advanced Client, and 100,000 On-Demand Tags	-
GEN64-A-250K	GEN64-APP-250000	GENESIS64 Advanced Application Server with Development, Advanced Client, and 250,000 On-Demand Tags	-

Notes:

- For redundant GENESIS64 Advanced pairs, order using GEN64-APP-xxx-R models. Clients for redundant servers must be added in pairs; order with models WEBHMI-xxx/-R.
- Purchase an unlimited number of read/write clients with WEBHMI-xxx models.
- Read-only KPIWorX and MobileHMI clients are available at no charge with GENESIS64 Advanced Application Server licenses; Order with models WEBHMI-RO-CAL/50.
- GENESIS64 Advanced Application Server licenses support distributed licensing model, and may be combined on a license server to achieve a specific feature profile, combining tag counts, client count, etc. In applications with a central license server, purchase a separate GEN64-APP-xxx or GEN64-RT-xxx license for each machine in the distributed architecture. For example: create a 365,000-tag license server for five distributed machines, including five (5) advanced clients, by combining one (1) GEN64-APP-250000, one (1) GEN64-APP-100000, and three (3) GEN64-APP-5000. GEN64-APP and GEN64-RT models may not be combined with LT, BASIC, GWX or AWX models. Add Clients, Hyper Historian, ReportWorX64, BridgeWorX64, and AnalytiX models as needed.

Tag Packs for GENESIS64 Advanced Products

Purchase Tag Packs to add on to existing GENESIS64 Advanced Server licenses, models GEN64-APP, GEN64-RT, GWX64-APP, GWX64-RT, AWX64-APP, AWX64-RT. These models provide GENESIS64 Tags in the On-Demand Tag mode.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-A-100T	GEN64-APP-100TAG	100 Tag Pack to add to GENESIS64 Advanced Application Server	-
GEN64-A-1KT	GEN64-APP-1000TAG	1,000Tag Pack to add to GENESIS64 Advanced Application Server	-
GEN64-A-5KT	GEN64-APP-5000TAG	5,000 Tag Pack to add to GENESIS64 Advanced Application Server	-

Redundant Pair GENESIS64 Advanced Application Server Runtime/Development

Special discounted bundle licensing for redundant configurations of GENESIS64 Advanced Application Server models solely for use as a license pair. Provides one GEN64-APP license for each server in the redundant pair. GENESIS64 Redundancy features provide FrameWorX redundancy, Alarm Server and Alarm Logger redundancy. Please refer to ICONICS Help documentation for a full description of redundancy features. Hyper Historian Express does not support redundancy; purchase Hyper Historian Redundancy models GEN64-HH-R-xxx to add on full Hyper Historian redundancy capabilities.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-A-75-R	GEN64-APP-R-75	Two GEN64-APP-75 Models for Redundant Application	-
GEN64-A-150-R	GEN64-APP-R-150	Two GEN64-APP-150 Models for Redundant Application	-
GEN64-A-500-R	GEN64-APP-R-500	Two GEN64-APP-500 Models for Redundant Application	-
GEN64-A-1500-R	GEN64-APP-R-1500	Two GEN64-APP-1500 Models for Redundant Application	-
GEN64-A-5K-R	GEN64-APP-R-5000	Two GEN64-APP-5000 Models for Redundant Application	-
GEN64-A-15K-R	GEN64-APP-R-15000	Two GEN64-APP-15000 Models for Redundant Application	-
GEN64-A-50K-R	GEN64-APP-R-50000	Two GEN64-APP-50000 Models for Redundant Application	-
GEN64-A-100K-R	GEN64-APP-R-100000	Two GEN64-APP-100000 Models for Redundant Application	-
GEN64-A-250K-R	GEN64-APP-R-250000	Two GEN64-APP-250000 Models for Redundant Application	-

Notes:

1. Add redundant clients using WEBHMI-xxx-R models
2. Must be used in a redundant pair of application servers; not permitted for use as stand-alone license.

GENESIS64 BASIC SCADA Server with Development

GENESIS64 Basic SCADA is the new standard for industrial automation. It provides the unparalleled performance of GENESIS64 in a smaller, entry-level and scalable package designed to bring the core functionality needed for a single server system without extras. Features such as additional connectivity methods, alerting, scheduling, camera control, IoT Services and workflow can be added on to meet project requirements.

Licensing for the GENESIS64 Basic Application Server with Development includes the following components of the ICONICS Suite:

License Model: AssetWorX Tags. This mode allows configuration of a limited number of tag references. References must be configured in AssetWorX as asset properties. One property is counted as one tag. Distributed licensing is not available; Basic SCADA packages are for single server environments.

Server Components: AlarmWorX64 Server and Logger, AssetWorX Server, ScriptWorX64, RecipeWorX, WebHMI Server, Hyper Historian Express Logging (max of GEN64 tags up to 5000).

Connectivity: OPC Classic, OPC UA, Databases (GridWorX Server), Mitsubishi Electric FA Connector (iQ-R, iQ-F).
(Purchase add-ons for other connectivity methods).

Clients: One (1) advanced client, usable in: desktop app, Internet Explorer (WPF technology), HTML5-compliant web browsers, MobileHMI or KPIWorX apps (iOS, Android, or Universal Windows Platform). Includes development for GraphWorX64 and Workbench. (Note, MobileHMI apps require additional add-on.)

Visualization Features: AlarmWorX64 Viewer, TrendWorX64 Viewer, ReportWorX64 Express, KPIWorX dashboards. (Add-ons available for purchase).

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-B-75	GEN64-BASIC-75	GENESIS64 BASIC Application Server with Development, Advanced Client, and 75 Configured-Tags	-
GEN64-B-150	GEN64-BASIC-150	GENESIS64 BASIC Application Server with Development, Advanced Client, and 150 Configured-Tags	-
GEN64-B-500	GEN64-BASIC-500	GENESIS64 BASIC Application Server with Development, Advanced Client, and 500 Configured-Tags	-
GEN64-B-1500	GEN64-BASIC-1500	GENESIS64 BASIC Application Server with Development, Advanced Client, and 1,500 Configured-Tags	-
GEN64-B-5K	GEN64-BASIC-5000	GENESIS64 BASIC Application Server with Development, Advanced Client, and 5,000 Configured-Tags	-

Notes:

1. Redundancy is not supported with BASIC models, but it can connect to redundant data sources. For redundant applications, upgrade to GENESIS64 Advanced Application Server and add the Hyper Historian Redundancy models.
2. Purchase an unlimited number of read/write clients with WEBHMI-xxx models.
3. **Read-only KPIWorX and MobileHMI clients are available at no charge** with GENESIS64 Basic SCADA Application Server licenses; Order with models WEBHMI-RO-CAL/50.
4. For projects using the BACnet add-on, all object attributes that need to be read or written to must be mapped as AssetWorX equipment properties and will count as tags under the AssetWorX tag counting mode. This may mean projects that utilize BACnet require more tags when using GENESIS64 Basic SCADA than they would using GENESIS64 Advanced Application Server models.

Tag Packs for GENESIS64 BASIC SCADA Licenses

Purchase Tag Packs to add on to existing GENESIS64 BASIC SCADA Model licenses.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-B-100T	GEN64-BASIC-100TAG	100 Tag Pack to Add to a GENESIS64-BASIC-xxx Server License	-
GEN64-B-1KT	GEN64-BASIC-1000TAG	1,000 Tag Pack to Add to a GENESIS64-BASIC-xxx Server License	-
GEN64-B-5KT	GEN64-BASIC-5000TAG	5,000 Tag Pack to Add to a GENESIS64-BASIC-xxx Server License	-

Add-On Features to GENESIS64 BASIC SCADA Licenses

Purchase Feature Add-Ons Packs to add on to existing GENESIS64 BASIC SCADA model licenses.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-B-ASWX	ASSETNAV	Add-On AssetWorX Navigator functionality to a GENESIS64-BASIC-xxx Server License	-
GEN64-B-GRWX	DATASETS-VIEW-CLIENT	Add-On Dataset functionality to a GENESIS64-BASIC-xxx Server License with GridWorX Viewer, Table Control, Data Diagram, Heatmap	-
GEN64-B-ALWX	ALERTWORX	Add-On AlertWorX functionality to a GENESIS64-BASIC-xxx Server License	-
GEN64-B-WFLW	WORKFLOW	Add-On Workflow functionality to a GENESIS64-BASIC-xxx Server License	-
GEN64-B-SCWX	SCHDLWX-SVR	Add-On ScheduleWorX64 Server and Viewer functionality to a GENESIS64-BASIC-xxx Server License	-
GEN64-B-CAM	CAMERA CONTROL	Add-On Camera Control functionality to a GENESIS64-BASIC-xxx Server License	-
GEN64-B-EIP	ETHERNET/IP CONNECTOR	Add-on EtherNet/IP connectivity for Class 3 Devices to a GENESIS64-BASIC-xxx Server License	-
GEN64-B-MODBUS	MODBUS CONNECTOR	Add-on Modbus IP connectivity to a GENESIS64-BASIC-xxx Server License	-
GEN64-B-WEBSRV	WEB SERVICES CONNECTOR	Add-on Web Services connectivity to a GENESIS64-BASIC-xxx Server License	-
GEN64-B-CLOUD	IOTPUBLISHER	Add-On IoT Publishing to a GENESIS64-BASIC-xxx Server License. Includes MQTT, AMQP, JSON message configuration	-
GEN64-B-SNMP	SNMP CONNECTOR	Add-on SNMP connectivity to any GENESIS32 or GENESIS64 license	-
GEN64-B-BACNET	BACNET CONNECTOR	Add-on BACnet connectivity to any GENESIS32 or GENESIS64 license	-
GEN64-B-PAK	CONNECTOR PAK	Add-On Connectivity Pack for BACnet, SNMP, EtherNet/IP, Modbus, Web Services, MQTT, AMQP, JSON	-
GEN64-B-MOBHMI	MOBILEHMI-SVR-A	Add-On MobileHMI Server with 2 MobileHMI Clients	-
GEN64-B-MIT	MELCO FA CONNECTOR	Add-on connectivity to Mitsubishi Electric Factory Automation Equipment. Supported devices: iQ-R, iQ-F with version 10.97, Q, L and FX with version 10.97.1	-

Upgrade GENESIS64 Basic SCADA to GENESIS64 Advanced Application Server

Purchase these models to upgrade existing GENESIS64 BASIC SCADA Model licenses to GENESIS64 Advanced Application Server Licenses. Upgrades require relicensing through the ICONICS license server; consult Mitsubishi Electric for details. Any Tag Packs licensed with **GEN64-BASIC-xxx** models must also be upgraded using the model numbers here.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
UBAGEN64-75	UPBASIC-TO-APP-GEN64-75	Upgrade of GEN64-BASIC-75 to GEN64-APP-75	-
UBAGEN64-150	UPBASIC-TO-APP-GEN64-150	Upgrade of GEN64-BASIC-150 to GEN64-APP-150	-
UBAGEN64-500	UPBASIC-TO-APP-GEN64-500	Upgrade of GEN64-BASIC-500 to GEN64-APP-500	-
UBAGEN64-1500	UPBASIC-TO-APP-GEN64-1500	Upgrade of GEN64-BASIC-1500 to GEN64-APP-1500	-
UBAGEN64-5K	UPBASIC-TO-APP-GEN64-5000	Upgrade of GEN64-BASIC-5000 to GEN64-APP-5000	-
UBAGEN64-100T	UPBASIC-TO-APP-GEN64-100TAG	Upgrade of GEN64-BASIC-100TAG to GEN64-APP-100TAG	-
UBAGEN64-1KT	UPBASIC-TO-APP-GEN64-1000TAG	Upgrade of GEN64-BASIC-1000TAG to GEN64-APP-1000TAG	-
UBAGEN64-5KT	UPBASIC-TO-APP-GEN64-5000TAG	Upgrade of GEN64-BASIC-5000TAG to GEN64-APP-5000TAG	-

CFSWorX

CFSWorX is ICONICS' remote alert assistance solution to empower field service workers to operate more efficiently. CFSWorX provides real-time integration with alarm and work order systems, selectively notifying field service workers based on qualities such as skill, location, and availability. CFSWorX provides reliable notification of alarms, escalation, workflow, audit trail, dispatch system, remote expert augmented reality, and integration to work order/CRM systems and Microsoft Active Directory. The MobileHMI app provides workers with their essential link to CFSWorX, allowing workers to receive detailed information about notifications, respond to them, and create work orders. CFSWorX can be applied to any industry, including water, oil and gas, smart buildings, retail, and manufacturing.

Purchase CFSWorX as a stand-alone model complete with all of the services you need or add on to an existing GENESIS64 system.

Add MobileHMI clients and upgrade tag counts to increase the capabilities of a CFSWORX system.

- **For stand-alone CFSWorX applications:** Choose model **CFSWORX-G64-75**, which includes a 75-Tag GENESIS64 Application Server (GEN64-APP-75) with one (1) Advanced Client and fifty (50) read-only WebHMI/MobileHMI clients (one WEBHMI-RO-CAL/50).
- **For adding onto existing GENESIS64:** Choose model **CFSWORX**.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
CFSWORX-G64-75	CFSWORX-G64-75	CFSWORX Starter Kit with Workbench configuration environment, and a GEN64-APP-75 Server with GraphWorX64 configuration, AlarmWorX64 Server, 75 GENESIS64 Tags, unlimited read-only MobileHMI Clients.	-
CFSWORX	CFSWORX	CFSWORX Add-on with unlimited read-only MobileHMI Clients. Add to GENESIS64 Advanced models.	-

Note: CFSWorX cannot be added onto a -BASIC system. Upgrade to an -APP license or choose the CFSWORX-G64-75 model.

AlarmWorX64 Multimedia (MMX)

ICONICS Multimedia Alarming systems provides alert messaging via several methods, called agents. Agents are licensed as either distributable or non-distributable. Distributable agents include: popups, hardware or software marquee, fax, sound annunciation, and video. All other agents are non-distributable and only run local to the Multimedia engine. AlarmWorX64 Multimedia can run standalone or be licensed with GENESIS64 packages, including GENESIS64 Basic SCADA. **For new applications, consider using CFSWorX.**

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
AWX64MMX-LITE	AWX64MMX-LITE	AlarmWorX64 Multimedia with E-mail and SMS	-
AWX64MMX-75	AWX64MMX-75	AlarmWorX64 Multimedia with E-mail, SMS, and AWX64-APP-75	-
AWX64MMX-STD	AWX64MMX-STD	AlarmWorX64 Multimedia with E-mail, SMS, popups, hardware/software marquee, fax, speech, and video	-
AWX64MMX-CAL	AWX64MMX-CAL	One distributable agent license that can be run on a remote machine	-
AWX64MMX-ENT	AWX64MMX-ENT	AlarmWorX64 Multimedia Enterprise Edition includes the E-mail, SMS, phone agent, and 25 distributable agents	-
AWX64MMX-PHONE	AWX64MMX-PHONE	Add-on to AlarmWorX64 Multimedia that includes phone agent and one distributable agent	-

Note: For new applications, consider using CFSWORX instead of AlarmWorX64 Multimedia.

Special Licensing

Evaluation Licensing

Purchase a 64-day time-limited license for the ICONICS Suite that may be used for evaluation of the ICONICS software. Delivered as a software key that provides 1500 tags for GENESIS64 and Hyper Historian with 5 advanced clients, along with CFSWorX, Quality AnalytiX, Facility AnalytiX, Energy AnalytiX, ReportWorX64, and BridgeWorX64. **Note:** Limit one per application.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
ICO64-EVAL	ICO64-EVAL	64-day Evaluation License for the ICONICS Suite	-

Distributed Modular Licensing

GEN64-DLIC models are used for advanced architectures requiring distribution of the Modules from within an ICONICS Suite license onto separate machines. It provides licensing for the FrameWorX component of the ICONICS Platform Services, UDM, and GEN64-Write bits. It does not include other licensed options such as BACnet, SNMP or any other separately licensed servers. The DLIC-R model is required for redundancy applications where modules are distributed. For instance, DLIC-R may be used in an application where Hyper Historian and AlarmWorX are running on second and third sets of machines in a redundant architecture running from one set of license servers.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-DLIC	GEN64-DLIC	GENESIS64 Distributable License option	-
GEN64-DLIC-R	GEN64-DLIC-R	GENESIS64 Distributable Redundant License option	-

GENESIS64 Runtime Only Application Servers

GENESIS64 Advanced Application Server Runtime Only

GENESIS64 is an advanced, highly distributable HMI/SCADA solution suite designed for Microsoft operating systems. The ICONICS GENESIS64 Advanced Application Server (Runtime Only) license delivers outstanding performance. It is designed to leverage 64-bit software technologies for operators, executives, and IT professionals to integrate data in real time, including data from manufacturing, facilities, infrastructure, process automation, IoT, and corporate business system domains into actionable business information and deliver that in secure web-enabled visualization dashboards for analysis, command and control.

Licensing includes connectivity with OPC UA, BACnet, Modbus, EtherNet/IP, open standard database connectivity, Web Services, and IoT methods. The license supports runtime modes for GraphWorX64 and the ICONICS services including advanced distributed asset architecture, advanced distributed alarm management, time-series data logging, and unparallelized visualization.

Licensing for the GENESIS64 Advanced Application Server (Runtime Only) includes the following components of the ICONICS Suite:

License Model: On-demand tags. This mode allows configuration of an unlimited number of tag references; runtime tag count is limited to concurrently in-use active tags. Distributed licensing is available.

Server Components: AlarmWorX64 Server and Logger, AssetWorX Server, ScriptWorX64, RecipeWorX, WebHMI Server, Hyper Historian Express Logging (max of GEN64 tags up to 5000), FDDWorX with five (5) assets, AlertWorX, ScheduleWorX64, Workflow, MobileHMI Server, AnalytiX-BI Engine, ReportWorX64 Express, Voice Commands.

Connectivity: OPC Classic, OPC UA, Mitsubishi Electric Connector, BACnet, Cloud Connector (with MQTT, AMQP, JSON), Databases (GridWorX Server), EtherNet/IP, Modbus, SNMP, Web Services.

Clients: One (1) advanced client, usable in: desktop app, Internet Explorer (WPF technology), HTML5-compliant web browsers, MobileHMI or KPIWorX apps (iOS, Android, or Universal Windows Platform).

Visualization Features: AlarmWorX64 Viewer, TrendWorX64 Viewer, AssetWorX Navigator, Camera Control, EarthWorX Viewer, GraphWorX64 3D Viewer, KPIWorX dashboards, and Dataset viewers (including GridWorX Viewer, Table Control, Data Diagram, and Heatmap).

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-RT-75	GEN64-RT-75	GENESIS64 Advanced Application Server, 1 WEBHMI-BRWSR, and 75 On-Demand Tags	-
GEN64-RT-150	GEN64-RT-150	GENESIS64 Advanced Application Server, 1 WEBHMI-BRWSR, and 150 On-Demand Tags	-
GEN64-RT-500	GEN64-RT-500	GENESIS64 Advanced Application Server, 1 WEBHMI-BRWSR, and 500 On-Demand Tags	-
GEN64-RT-1500	GEN64-RT-1500	GENESIS64 Advanced Application Server, 1 WEBHMI-BRWSR, and 1,500 On-Demand Tags	-
GEN64-RT-5K	GEN64-RT-5000	GENESIS64 Advanced Application Server, 1 WEBHMI-BRWSR, and 5,000 On-Demand Tags	-
GEN64-RT-15K	GEN64-RT-15000	GENESIS64 Advanced Application Server, 1 WEBHMI-BRWSR, and 15,000 On-Demand Tags	-
GEN64-RT-50K	GEN64-RT-50000	GENESIS64 Advanced Application Server, 1 WEBHMI-BRWSR, and 50,000 On-Demand Tags	-
GEN64-RT-100K	GEN64-RT-100000	GENESIS64 Advanced Application Server, 1 WEBHMI-BRWSR, and 100,000 On-Demand Tags	-
GEN64-RT-250K	GEN64-RT-250000	GENESIS64 Advanced Application Server, 1 WEBHMI-BRWSR, and 250,000 On-Demand Tags	-

Notes:

1. Project configuration is accomplished with a separate development license, or via demo mode on an unlicensed machine.
2. Purchase development (configuration) license separately with model WEBHMI-DEVCAL, or obtain assistance from a systems integrator partner.
3. For redundant GENESIS64 Advanced pairs, order using GEN64-APP-xxx-R models. Clients for redundant servers must be added in pairs.
4. Purchase an unlimited number of read/write clients with WEBHMI-xxx models.
5. Read-only KPIWorX and MobileHMI clients are available at no charge with GENESIS64 Advanced Application Server licenses; Order with models **WEBHMI-RO-CAL/50**.

GraphWorX64 Application Server Runtime Only

GraphWorX64 Application Servers with On-Demand Tags. GWX64-RT models include Server, and Advanced Client licensing for GraphWorX64, Workbench, EarthWorX, ScriptWorX64, AssetWorX, RecipeWorX, and KPIWorX. Includes (1) Advanced Client for use as thick client Desktop workstation, thin client WebHMI node, or MobileHMI client. Includes WebHMI server, ICONICS Platform Services with FrameWorX, Unified Data Manager, ReportWorX Express, OPC-UA Data Bridging and Aggregation, Global Aliasing, Modbus, and native support for redundant configurations of real-time OPC DA data.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GWX64-RT-75	GWX64-RT-75	GraphWorX64 Application Server, 1 WEBHMI-BRWSR, and 75 On-Demand Tags	-
GWX64-RT-150	GWX64-RT-150	GraphWorX64 Application Server, 1 WEBHMI-BRWSR, and 150 On-Demand Tags	-
GWX64-RT-500	GWX64-RT-500	GraphWorX64 Application Server, 1 WEBHMI-BRWSR, and 500 On-Demand Tags	-
GWX64-RT-1500	GWX64-RT-1500	GraphWorX64 Application Server, 1 WEBHMI-BRWSR, and 1,500 On-Demand Tags	-
GWX64-RT-5K	GWX64-RT-5000	GraphWorX64 Application Server, 1 WEBHMI-BRWSR, and 5,000 On-Demand Tags	-
GWX64-RT-15K	GWX64-RT-15000	GraphWorX64 Application Server, 1 WEBHMI-BRWSR, and 15,000 On-Demand Tags	-
GWX64-RT-50K	GWX64-RT-50000	GraphWorX64 Application Server, 1 WEBHMI-BRWSR, and 50,000 On-Demand Tags	-
GWX64-RT-100K	GWX64-RT-100000	GraphWorX64 Application Server, 1 WEBHMI-BRWSR, and 100,000 On-Demand Tags	-
GWX64-RT-250K	GWX64-RT-250000	GraphWorX64 Application Server, 1 WEBHMI-BRWSR, and 250,000 On-Demand Tags	-

Notes:

1. Development license must be purchased separately.
2. Models may be combined in a license server to achieve a specific feature profile, combining tag counts, client count, etc. In applications with a central License server, purchase a separate GWX64-APP-xxx or GWX64-RT-xxx license for each machine in the distributed architecture. For example: create a 365,000 Tag License Server for five distributed machines with (1) **GWX64-RT-250000** and (1) **GWX64-RT-100000** and (3) **GWX64-RT-5000**, including five advanced clients. GEN64-APP and GEN64-RT models may not be mixed on the same licensing server with BASIC, LT, GWX or AWX models.
3. On-Demand Tag Count Mode allows configuration of an unlimited number of tag references. Runtime tag count is limited to concurrently in-use active tags licensed.

AlarmWorX64 Application Server Runtime Only

AlarmWorX64 Application Servers with On-Demand Tags. AWX64-RT models include Server, Logger and Advanced Client licensing for AlarmWorX64, Workbench, ScriptWorX64, AssetWorX, and KPIWorX. Includes (1) Advanced Client for use as thick client Desktop workstation, thin client WebHMI node, or MobileHMI client. Includes WebHMI server with clients limited to only AlarmWorX.awxx files in the special xbap launcher, ICONICS Platform Services with FrameWorX, Unified Data Manager, ReportWorX Express, OPC-UA Data Bridging and Aggregation, Global Aliasing, Modbus, and native support for redundant configurations of real-time OPC DA data, plus redundancy support for alarm server/logging. Purchase two identical servers for redundant applications.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
AWX64-RT-75	AWX64-RT-75	AlarmWorX64 Application Server, 1 WEBHMI-BRWSR, and 75 On-Demand Tags	-
AWX64-RT-150	AWX64-RT-150	AlarmWorX64 Application Server, 1 WEBHMI-BRWSR, and 150 On-Demand Tags	-
AWX64-RT-500	AWX64-RT-500	AlarmWorX64 Application Server, 1 WEBHMI-BRWSR, and 500 On-Demand Tags	-
AWX64-RT-1500	AWX64-RT-1500	AlarmWorX64 Application Server, 1 WEBHMI-BRWSR, and 1,500 On-Demand Tags	-
AWX64-RT-5K	AWX64-RT-5000	AlarmWorX64 Application Server, 1 WEBHMI-BRWSR, and 5,000 On-Demand Tags	-
AWX64-RT-15K	AWX64-RT-15000	AlarmWorX64 Application Server, 1 WEBHMI-BRWSR, and 15,000 On-Demand Tags	-
AWX64-RT-50K	AWX64-RT-50000	AlarmWorX64 Application Server, 1 WEBHMI-BRWSR, and 50,000 On-Demand Tags	-
AWX64-RT-100K	AWX64-RT-100000	AlarmWorX64 Application Server, 1 WEBHMI-BRWSR, and 100,000 On-Demand Tags	-
AWX64-RT-250K	AWX64-RT-250000	AlarmWorX64 Application Server, 1 WEBHMI-BRWSR, and 250,000 On-Demand Tags	-

Notes:

- Development license must be purchased separately.
- Models may be combined in a license server to achieve a specific feature profile, combining tag counts, client count, etc. In applications with a central License server, purchase a separate AWX64-APP-xxx or AWX64-RT-xxx license for each machine in the distributed architecture. For example: create a 365,000 Tag License Server for five distributed machines with (1) **AWX64-RT-250000** and (1) **AWX64-RT-100000** and (3) **AWX64-RT-5000**, including five advanced clients. GEN64-APP and GEN64-RT models may not be mixed on the same licensing server with Basic, LT, GWX or AWX models.
- On-Demand Tag Count Mode allows configuration of an unlimited number of tag references. Runtime tag count is limited to concurrently in-use active tags licensed.

GENESIS64 LT Application Servers

GENESIS64 Application Server Lite Tags Runtime Only

Special “LT” Runtime licensing for GENESIS64 Application Servers using the “Configured Tag” counting method. This low-cost version of GENESIS64 is intended for machine applications with a defined set of external data points, and where local development is not required following deployment of the application. It restricts runtime data connectivity to the first set of external data points made active in a project; it does not “release” Tags that are no longer in use by an ICONICS module. **For new applications, consider using GENESIS64 Basic SCADA.**

GEN64-LT models include Server and Logger licensing for GraphWorX64, TrendWorX64, AlarmWorX64, ScheduleWorX64, Hyper Historian Express Logger (max of GEN64 tags up to 5000), ScriptWorX64, AssetWorX, RecipeWorX, Workflow, AlertWorX, KPIWorX. Includes (1) Advanced Client for use as thick client Desktop workstation, thin client WebHMI node, or MobileHMI client. Includes WebHMI server, ICONICS Platform Services with FrameWorX, Unified Data Manager, ReportWorX Express, OPC-UA Data Bridging and Aggregation, Global Aliasing, Modbus and native support for redundant configurations of real-time OPC DA data.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-LT-75	GEN64-LT-75	GENESIS64 Application Server, 1 WEBHMI-BRWSR, and 75 Configured Tags	-
GEN64-LT-150	GEN64-LT-150	GENESIS64 Application Server, 1 WEBHMI-BRWSR, and 150 Configured Tags	-
GEN64-LT-500	GEN64-LT-500	GENESIS64 Application Server, 1 WEBHMI-BRWSR, and 500 Configured Tags	-
GEN64-LT-1500	GEN64-LT-1500	GENESIS64 Application Server, 1 WEBHMI-BRWSR, and 1,500 Configured Tags	-
GEN64-LT-5K	GEN64-LT-5000	GENESIS64 Application Server, 1 WEBHMI-BRWSR, and 5,000 Configured Tags	-

Note:

LT Models do not provide the following: BACnet, SNMP, EtherNet/IP, Mitsubishi Electric FA Connector, Redundant Logger support, JSON publishing or GridWorX. Project configuration is accomplished with a separate development license, or via demo mode on an unlicensed machine. Add clients using models **WEBHMI-BRWSR V10** or **WEBHMI-CAL V10**. There is no hard limit to the Tag count on a machine. LT licenses may be combined with one-another to achieve a higher tag count, however LT licenses may not be combined on the same licensing server with GEN64-APP, GEN64-RT, GEN64-BASIC, GWX64, AWX64 or AnalytiX models.

Clients

Clients for GENESIS64, Hyper Historian, and AnalytiX

GENESIS64 Clients are used to access GraphWorX64, TrendWorX64, AlarmWorX64, GridWorX, ScheduleWorX64, EarthWorX, AssetWorX, RecipeWorX, Energy AnalytiX, and FDD viewers. Depending on the model number they can be for read-only or for read and write access. Clients are used when accessing ICONICS visualization environments including a desktop-enabled station, WebHMI using WPF or HTML5 technologies, the MobileHMI App, or KPIWorX.

Development: Development Clients are required for configuration in the Workbench and GraphWorX64 Editor.

Read-Only Clients: Read-Only Clients do not permit writing values. Alarm Acknowledgement is supported for alarms generated by the ICONICS Alarm Server.

Redundancy: Redundant servers require redundant client licenses. A pair of licenses must be purchased with one installed on each server in a redundant configuration. Specially-priced WEBHMI-BRWSR-R/xxx models provide a pair of licenses for this purpose.

Note: Client Licenses must be installed on a license key with a GENESIS64, Hyper Historian, MobileHMI or AnalytiX license.

Note: Read-Only versions are at no-charge with models WEBHMI-RO-CAL/50 and MOBILEHMI-RO-CLIENT/50.

GENESIS64 Development Clients

Client for system development and use of the Workbench, with Advanced Client Station functionality.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
WEBHMI-DEVCL	WEBHMI-DEVCL	1 Development Client with Advanced Client Station for Desktop, Web browser, or Mobile App	-
WEBHMI-DEVCL5	WEBHMI-DEVCL/5	Pack of 5 Development Clients with Advanced Client Station for Desktop, Web browser, or Mobile App for a single license server	-
WEBHMI-DEVCL25	WEBHMI-DEVCL/25	Pack of 25 Development Clients with Advanced Client Station for Desktop, Web browser, or Mobile App for a single license server	-

GENESIS64 Advanced Clients for Desktop, Web, or Mobile

WEBHMI-BRWSR models include the Advanced Client Station licensing for use as a thick client Desktop station, or as a Web browser using WPF or HTML5, or as an ICONICS Mobile App client for Windows, Android, and Apple phones and tablets. The Advanced Client Station enables Desktop mode to support local installation of the product, 3D Viewport, Scripting and Smart Symbols, and is required for redundancy applications.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
WEBHMI-B	WEBHMI-BRWSR	1 Advanced Client Station for Desktop or Web browser or Mobile App	-
WEBHMI-B5	WEBHMI-BRWSR/5	Pack of 5 Advanced Client Stations for Desktop or Web browser or Mobile App for a single license server	-
WEBHMI-B25	WEBHMI-BRWSR/25	Pack of 25 Advanced Client Stations for Desktop or Web browser or Mobile App for a single license server	-
WEBHMI-B100	WEBHMI-BRWSR/100	Pack of 100 Advanced Client Stations for Desktop or Web browser or Mobile App for a single license server	-
WEBHMI-B500	WEBHMI-BRWSR/500	Pack of 500 Advanced Client Stations for Desktop or Web browser or Mobile App for a single license server	-
WEBHMI-RO-B	WEBHMI-RO-BRWSR	1 read-only Access Advanced Client Station for Desktop or Web browser or Mobile App	-
WEBHMI-RO-B5	WEBHMI-RO-BRWSR/5	Pack of 5 Read-Only Access Advanced Client Station for Desktop or Web browser or Mobile App for a single license server	-
WEBHMI-RO-B25	WEBHMI-RO-BRWSR/25	Pack of 25 read-only Access Advanced Client Station for Desktop or Web browser or Mobile App for a single license server	-
WEBHMI-RO-B100	WEBHMI-RO-BRWSR/100	Pack of 100 read-only Access Advanced Client Station for Desktop or Web browser or Mobile App for a single license server	-
WEBHMI-RO-B500	WEBHMI-RO-BRWSR/500	Pack of 500 read-only Access Advanced Client Station for Desktop or Web browser or Mobile App for a single license server	-
WEBHMI-B-R	WEBHMI-BRWSR-R	Pair of Advanced Client Stations for redundant GENESIS64 Application Server licensing	-
WEBHMI-B-R5	WEBHMI-BRWSR-R/5	Pack of 5 pairs of Advanced Client Stations for redundant GENESIS64 Application Server licensing	-
WEBHMI-B-R25	WEBHMI-BRWSR-R/25	Pack of 25 pairs of Advanced Client Stations for redundant GENESIS64 Application Server licensing	-
WEBHMI-B-R100	WEBHMI-BRWSR-R/100	Pack of 100 pairs of Advanced Client Stations for redundant GENESIS64 Application Server licensing	-
WEBHMI-B-R500	WEBHMI-BRWSR-R/500	Pack of 500 pairs of Advanced Client Stations for redundant GENESIS64 Application Server licensing	-

GENESIS64 Web Clients

WEBHMI-CAL licenses provide floating client access for use as a Web browser using HTML5, or as an ICONICS Mobile App client for Windows, Android, and Apple phones and tablets. Use for applications where the Advanced Client station options are not required.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
WEBHMI-CL	WEBHMI-CAL	1 Client Station as thin client for Web browser or Mobile App	-
WEBHMI-CL5	WEBHMI-CAL/5	Pack of 5 Client Stations as thin client for Web browser or Mobile App for a single license server	-
WEBHMI-CL25	WEBHMI-CAL/25	Pack of 25 Client Stations as thin client for Web browser or Mobile App for a single license server	-
WEBHMI-CL100	WEBHMI-CAL/100	Pack of 100 Client Stations as thin client for Web browser or Mobile App for a single license server	-
WEBHMI-CL500	WEBHMI-CAL/500	Pack of 500 Client Stations as thin client for Web browser or Mobile App for a single license server	-
WEBHMI-RO50	WEBHMI-RO-CAL/50	50 Read-Only Client Station as thin client for Web browser or Mobile App for a single license server	-
WEBHMI-CL-R	WEBHMI-CAL-R	Pair of Client Station as thin client for Web browser for redundancy licensing	-
WEBHMI-CL-R5	WEBHMI-CAL-R/5	Pack of 5 Pairs of Client Stations as thin client for Web browser for redundancy licensing on single license server	-
WEBHMI-CL-R25	WEBHMI-CAL-R/25	Pack of 25 Pairs of Client Stations as thin client for Web browser for redundancy licensing on single license server	-
WEBHMI-CL-R100	WEBHMI-CAL-R/100	Pack of 100 Pairs of Client Stations as thin client for Web browser for redundancy licensing on single license server	-
WEBHMI-CL-R500	WEBHMI-CAL-R/500	Pack of 500 Pairs of Client Stations as thin client for Web browser for redundancy licensing on single license server	-

Upgrade Notes: Upgrades of model WEBHMI64-DEVCL in Version 10.85 and prior are provided as WEBHMI-DEVCL models.

WEBHMI64-BROWSER models are provided as WEBHMI-BRWSR models. AWX-PWX-CLIENT models are provided as WEBHMI-BRWSR models. For visualization in standard browsers using HTML5, purchase a separate WEBHMI-CAL license.

MobileHMI & KPIWorX Clients

Fully interactive read/write MobileHMI and KPIWorX Clients allow connection from one device using the MobileHMI App for Windows, Android, and Apple phones and tablets or AR devices such as RealWear and HoloLens. Download MobileHMI Apps from supported device App stores. Also use for KPIWorX Clients in any Browser.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
MOBILEHMI-1	MOBILEHMI-CLIENT	MobileHMI Client for 1 simultaneous App Client connection for mobile or AR devices or KPIWorX	-
MOBILEHMI-5	MOBILEHMI-CLIENT/5	MobileHMI Client for 5 simultaneous App Client connections for mobile or AR devices or KPIWorX	-
MOBILEHMI-25	MOBILEHMI-CLIENT/25	MobileHMI Client for 25 simultaneous App Client connections for mobile or AR devices or KPIWorX	-
MOBILEHMI-100	MOBILEHMI-CLIENT/100	MobileHMI Client for 100 simultaneous App Client connections for mobile or AR devices or KPIWorX	-
MOBILEHMI-500	MOBILEHMI-CLIENT/500	MobileHMI Client for 500 simultaneous App Client connections for mobile or AR devices or KPIWorX	-

Upgrade Notes: Upgrades from models V10.85 and prior **ANYGLASS-CLIENT** are provided as **MOBILEHMI-CLIENT** models. **MOBILEHMI-CLIENT** models do not support HTML5 browser visualization. For visualization in standard browsers using HTML5, purchase a separate **WEBHMI-CAL** license.

MobileHMI & KPIWorX Read-Only Clients

Read-only MobileHMI Client allows connection from one device using the MobileHMI App for Windows, Android, and Apple phones and tablets. Download MobileHMI Apps from supported device App stores. Also use for KPIWorX Clients in any Browser. Note: Does not permit writing values.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
MOBILEHMI-RO50	MOBILEHMI-RO-CLIENT/50	50 MobileHMI Read-Only Client for simultaneous connection. Use also for KPIWorX Read-Only Clients.	-

Hyper Historian

Hyper Historian Server Standard Edition

GEN64-HH-STD models include one floating WEBHMI-DEVCAL Advanced Client/Developer station. Each model also includes Hyper Historian Server, Logger, MergeWorX, ScriptWorX64, TrendWorX64 viewer, AssetWorX, KPIWorX, and the Workbench. Includes WebHMI server for TrendWorX64 viewers, ICONICS Platform Services with FrameWorX, Unified Data Manager, ReportWorX Express, OPC-UA Data Bridging and Aggregation, Global Aliasing, Modbus, BACnet and SNMP connectivity.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-H-S-75	GEN64-HH-STD-75	Hyper Historian Standard Edition with 75 Hyper Historian Tags	-
GEN64-H-S-150	GEN64-HH-STD-150	Hyper Historian Standard Edition with 150 Hyper Historian Tags	-
GEN64-H-S-500	GEN64-HH-STD-500	Hyper Historian Standard Edition with 500 Hyper Historian Tags	-
GEN64-H-S-1500	GEN64-HH-STD-1500	Hyper Historian Standard Edition with 1,500 Hyper Historian Tags	-
GEN64-H-S-5K	GEN64-HH-STD-5000	Hyper Historian Standard Edition with 5,000 Hyper Historian Tags	-
GEN64-H-S-15K	GEN64-HH-STD-15000	Hyper Historian Standard Edition with 15,000 Hyper Historian Tags	-
GEN64-H-S-50K	GEN64-HH-STD-50000	Hyper Historian Standard Edition with 50,000 Hyper Historian Tags	-
GEN64-H-S-100K	GEN64-HH-STD-100000	Hyper Historian Standard Edition with 100,000 Hyper Historian Tags	-
GEN64-H-S-250K	GEN64-HH-STD-250000	Hyper Historian Standard Edition with 250,000 Hyper Historian Tags	-
GEN64-H-S-500K	GEN64-HH-STD-500000	Hyper Historian Standard Edition with 500,000 Hyper Historian Tags	-
GEN64-H-S-1M	GEN64-HH-STD-1000000	Hyper Historian Standard Edition with 1,000,000 Hyper Historian Tags	-

Notes:

- Enterprise Edition does not support redundancy or distributed Hyper Historian Collectors; purchase the Enterprise Edition instead.
- "Hyper Historian Tags" are licensed and counted separately from "GENESIS64 Tags". Multiple Hyper Historian licenses may be combined on a single license server, with the Hyper Historian Tag Count distributed across multiple Hyper Historian machines, for which each machine must be provided with a separate Hyper Historian Server license. Hyper Historian Express consumes GENESIS64 Tags. If a system running Hyper Historian Express is upgraded to

Tag Packs for Hyper Historian Standard Edition

Purchase Tag Packs to add on to existing Hyper Historian Server Standard Edition Server models GEN64-HH-STD.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-H-S-100T	GEN64-HH-STD-100TAG	100 HH-STD Tag Pack to add to Hyper Historian Server Standard Edition Server license	-
GEN64-H-S-1KT	GEN64-HH-STD-1000TAG	1,000 HH-STD Tag Pack to add to Hyper Historian Server Standard Edition Server license	-
GEN64-H-S-5KT	GEN64-HH-STD-5000TAG	5,000 HH-STD Tag Pack to add to Hyper Historian Server Standard Edition Server license	-

Hyper Historian Server Enterprise Edition

GEN64-HH-ENT models include one floating WEBHMI-DEVCAL Advanced Client/Developer station for use as thick client Desktop workstation or as thin client WebHMI Web Browser. Each model also includes Hyper Historian Server, Logger, MergeWorX, ScriptWorX64, TrendWorX64 viewer, AssetWorX, KPIWorX, and the Workbench. Includes WebHMI server for TrendWorX64 viewers, ICONICS Platform Services with FrameWorX, Unified Data Manager, ReportWorX Express, OPC-UA Data Bridging and Aggregation, Global Aliasing, Modbus, BACnet and SNMP connectivity. GEN64-HH-ENT-xxx models include two distributable collectors. Supports redundant configurations, distributed remote collectors with performance calculation, store & forward and multiple CPU applications. Order additional collectors using model GEN64-HH-COLLECTOR.

Redundancy Notes: Purchase two identical sets of servers, then add either two sets of standard WEBHMI-BRWSR clients, or purchase the WEBHMI-BRWSR-R model, which supplies two clients at a discount. A discounted redundant bundle is available for add-ons to a redundant GENESIS64 Application Server license pair; order as models GEN64-HH-R-xxx.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-H-E-75	GEN64-HH-ENT-75	Hyper Historian Enterprise Edition with 75 Hyper Historian Tags and 2 Remote Collectors	-
GEN64-H-E-150	GEN64-HH-ENT-150	Hyper Historian Enterprise Edition with 150 Hyper Historian Tags and 2 Remote Collectors	-
GEN64-H-E-500	GEN64-HH-ENT-500	Hyper Historian Enterprise Edition with 500 Hyper Historian Tags and 2 Remote Collectors	-
GEN64-H-E-1500	GEN64-HH-ENT-1500	Hyper Historian Enterprise Edition with 1,500 Hyper Historian Tags and 2 Remote Collectors	-
GEN64-H-E-5K	GEN64-HH-ENT-5000	Hyper Historian Enterprise Edition with 5,000 Hyper Historian Tags and 2 Remote Collectors	-
GEN64-H-E-15K	GEN64-HH-ENT-15000	Hyper Historian Enterprise Edition with 15,000 Hyper Historian Tags and 2 Remote Collectors	-
GEN64-H-E-50K	GEN64-HH-ENT-50000	Hyper Historian Enterprise Edition with 50,000 Hyper Historian Tags and 2 Remote Collectors	-
GEN64-H-E-100K	GEN64-HH-ENT-100000	Hyper Historian Enterprise Edition with 100,000 Hyper Historian Tags and 2 Remote Collectors	-
GEN64-H-E-250K	GEN64-HH-ENT-250000	Hyper Historian Enterprise Edition with 250,000 Hyper Historian Tags and 2 Remote Collectors	-
GEN64-H-E-500K	GEN64-HH-ENT-500000	Hyper Historian Enterprise Edition with 500,000 Hyper Historian Tags and 2 Remote Collectors	-
GEN64-H-E-1M	GEN64-HH-ENT-1000000	Hyper Historian Enterprise Edition with 1,000,000 Hyper Historian Tags and 2 Remote Collectors	-

Notes:

1. "Hyper Historian Tags" are licensed and counted separately from "GENESIS64 Tags".
2. Multiple Hyper Historian licenses may be combined on a single license server, with the Hyper Historian Tag Count distributed across multiple Hyper Historian machines, for which each machine must be provided with a separate Hyper Historian Server license.
3. Hyper Historian Express consumes GENESIS64 Tags.
4. If a system running Hyper Historian Express is upgraded to Hyper Historian Standard or Enterprise, it will consume Hyper Historian Tags.

Tag Packs for Hyper Historian Enterprise Edition

Purchase Tag Packs to add on to existing Hyper Historian Enterprise Edition Server models GEN64-HH-ENT.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-H-E-100T	GEN64-HH-ENT-100TAG	100 HH-ENT Tag Pack to add to Hyper Historian Server Enterprise Edition Server license	-
GEN64-H-E-1KT	GEN64-HH-ENT-1000TAG	1,000 HH-ENT Tag Pack to add to Hyper Historian Server Enterprise Edition Server license	-
GEN64-H-E-5KT	GEN64-HH-ENT-5000TAG	5,000 HH-ENT Tag Pack to add to Hyper Historian Server Enterprise Edition Server license	-

Hyper Historian Collectors

Hyper Historian Collectors may be added to Hyper Historian Enterprise licenses to support distributed data collection.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-H-COLL	GEN64-HH-COLLECTOR	Collector Add-On	-
GEN64-H-COLL-R	GEN64-HH-COLLECTOR-R	Collector Add-On for redundant Historian Servers	-

Redundant Hyper Historian Server Licensing Add-On to GENESIS64

Special discounted bundle licensing for redundant configurations of Hyper Historian Enterprise Licenses solely for use as add-ons to a redundant GENESIS64 Application Server license pair (GEN64, GWX64 or AWX64). Provides two GEN64-HH-ENT licenses and two distributable collector licenses for each server in the redundant pair.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-H-R-75	GEN64-HH-R-75	2 GEN64-HH-ENT-75 for redundant applications	-
GEN64-H-R-150	GEN64-HH-R-150	2 GEN64-HH-ENT-150 for redundant applications	-
GEN64-H-R-500	GEN64-HH-R-500	2 GEN64-HH-ENT-500 for redundant applications	-
GEN64-H-R-1500	GEN64-HH-R-1500	2 GEN64-HH-ENT-1500 for redundant applications	-
GEN64-H-R-5K	GEN64-HH-R-5000	2 GEN64-HH-ENT-5000 for redundant applications	-
GEN64-H-R-15K	GEN64-HH-R-15000	2 GEN64-HH-ENT-15000 for redundant applications	-
GEN64-H-R-50K	GEN64-HH-R-50000	2 GEN64-HH-ENT-50000 for redundant applications	-
GEN64-H-R-100K	GEN64-HH-R-100000	2 GEN64-HH-ENT-100000 for redundant applications	-
GEN64-H-R-250K	GEN64-HH-R-250000	2 GEN64-HH-ENT-250000 for redundant applications	-
GEN64-H-R-500K	GEN64-HH-R-500000	2 GEN64-HH-ENT-500000 for redundant applications	-
GEN64-H-R-1M	GEN64-HH-R-1000000	2 GEN64-HH-ENT-1000000 for redundant applications	-

Notes:

1. Add Hyper Historian Collector licenses in pairs; order as GEN64-HH-COLLECTOR-R.
2. Must be added to a redundant pair of application servers.

Hyper Historian View Clients

Hyper Historian data may be viewed in any OPC HDA or OPC UA HDA charting object. TrendWorX64 charting objects are recommended, and may be licensed directly on the Hyper Historian license key using client licenses found in the Clients section.

Note: Redundancy applications require purchase of a separate client license for each Hyper Historian server, so one must purchase two client licenses for each concurrent client desired in operation or purchase **WEBHMI-BRWSR-R** with two clients at a discount.

Hyper Historian Express Logger – Option

GENESIS64 comes standard with Hyper Historian Express. GEN64-HH-Express-EXT is an option that enables Hyper Historian Express Logger for GENESIS64 models larger than 5,000 tags. It is required for upgrade of GEN64-APP-15000 OR GEN64-RT-15000 or higher tag count models to enable Hyper Historian Express functions, and in centralized or combined license server scenarios where the GENESIS64 Tag Count exceeds 5000.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
GEN64-H-EXP-EX	GEN64-HH-EXPRESS-EXT	Hyper Historian Express Logger Tag Extension Option. Add to GEN64 models to unlock the 5000 tag Hyper Historian Express logging restriction on GEN64-APP, and GEN64-BASIC models. Note: Hyper Historian Express Logging uses GENESIS64 Tags.	-

Energy AnalytiX®

Energy AnalytiX is an off-the-shelf Energy Management Solution (EMS) that leverages the power of Hyper Historian calculations and a library of energy functions to provide a set of powerful dashboards that are usable out of the box and fully customizable. The analysis that Energy AnalytiX provides can increase efficiency and reduce overall operational costs. Using native integration between AssetWorX and Hyper Historian, data can be organized in an ISA-95 compliant asset catalog. It will aggregate any metered parameter, such as electricity, gas, water, oil, coal, steam, or compressed air.

Purchase Energy AnalytiX as a stand-alone model complete with all of the services you need, or add on to an existing GENESIS64 system.

- **For stand-alone Energy AnalytiX applications:** Choose model **AX-EA-5-G64-75**, which includes a 75-Tag GENESIS64 Application Server (GEN64-APP-75) with one (1) Advanced Client and ReportWorX64 Server.
- **For adding onto existing GENESIS64-APP license:** Choose model AX-EA-A. Energy AnalytiX may not be added to GEN64-BASIC models. AX-EA-A may be added to a Hyper Historian license in a distributed system architecture where visualization is served from a GENESIS64 system on another node.

Scale up by purchasing Energy AnalytiX meter assets with **AX-EA-METER** models. Note that each AX-EA-METER model includes twenty (20) GENESIS64 Tags. Add ReportWorX64 reports as needed.

Energy AnalytiX dashboards may be visualized in read-only mode via KPIWorX dashboards. Additional full-functioned ICONICS visualization clients may be added. For clients that can be used in either thick client (desktop GraphWorX64 application) or thin client (web browser) platforms, use **WEBHMI-BRWSR**. For systems that only require thin client (web browser) access, use **WEBHMI-CAL**.

Energy AnalytiX Server

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
AX-EA-5-G64-75	AX-EA-5-G64-75	Energy AnalytiX System for five (5) meter assets with GENESIS64-APP-75 model and the Energy Analysis Function Library. Includes features of GENESIS64-APP models with one (1) Advanced Client, 100 GENESIS64 Tags, and one (1) ReportWorX64 Report.	-
AX-EA-A	AX-EA-A	Energy AnalytiX Add-On to any GENESIS64-APP-xxx model. Provides Energy AnalytiX services, Energy AnalytiX Function Library, five (5) Energy AnalytiX Meter Assets, and one (1) ReportWorX64 Report.	-

Energy AnalytiX Meter Assets

Add meter assets to an Energy AnalytiX licensed system.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
AX-EA-METR1	AX-EA-METER	One (1) Energy AnalytiX meter asset	-
AX-EA-METR5	AX-EA-METER/5	Five (5) Energy AnalytiX meter assets	-
AX-EA-METR25	AX-EA-METER/25	Twenty-Five (25) Energy AnalytiX meter assets	-
AX-EA-METR100	AX-EA-METER/100	100 Energy AnalytiX meter assets	-
AX-EA-METR500	AX-EA-METER/500	500 Energy AnalytiX meter assets	-
AX-EA-METR1500	AX-EA-METER/1500	1500 Energy AnalytiX meter assets	-
AX-EA-METR5K	AX-EA-METER/5000	5000 Energy AnalytiX meter assets	-
AX-EA-METR10K	AX-EA-METER/10000	10000 Energy AnalytiX meter assets	-

Notes:

1. Consult Mitsubishi Electric for additions to existing applications licensed prior to V10.96.2.
2. **Upgrade Notes:** Models AX-EA-ASSET/xxx prior to version 10.96.2 upgrade at no additional charge to models AX-EA-METER/xxx.
3. **Upgrades from Energy AnalytiX Lite** (versions prior to 10.96.2) to Energy AnalytiX requires purchase of model UPGRADE, plus the difference in the list prices of the upgraded system.

Facility AnalytiX®

“Facility AnalytiX provides a sophisticated Fault Detection and Diagnostics (FDD) calculation engine that uses past and current data to monitor equipment events and notify users of faults. The system provides visualization of probable causes and suggested corrective actions based on a powerful Rules Engine. Facility AnalytiX is typically used to reduce energy costs and streamline operational maintenance tasks.

There are two versions of Facility AnalytiX: Standard and Lite. Each is based upon core connectivity services provided by the ICONICS Platform Services and includes the features of a GENESIS64 Application Server with Development.

The Standard versions (Models AX-FA-ASSET/xxx) include the ICONICS Hyper Historian, HH Tags and REPORTWORX-SVR and REPORTWORX64-SVR for advanced data aggregation and reporting systems.

The Lite version (Models AX-FAX-ASSET/xxx) is based on Hyper Historian Express and ReportWorX Express.

To license Facility AnalytiX, purchase one of the following models, and then expand the system by adding Assets, reports and clients:

- For Stand-Alone Facility AnalytiX applications, choose either model AX-FA-5-G64-75 or AX-FAX-G64-75. These models include a 75-Tag GENESIS64 Application Server (GEN64-APP-75) inclusive of one Advanced WebHMI Client.
- To add Standard version functionality to an existing GENESIS64 license, use model AX-FA-A.
- To add Lite version functionality to an existing GENESIS64 license, simply add models AX-FAX-ASSET/xxx.
- If both Hyper Historian and GENESIS64 are licensed on a server, then the system runs in the Standard version of Facility AnalytiX. Refer to the Quick Reference table on the QR-AnalytiX workbook tab for details of the product features licensed for each model.”

Once a base system is established, you can add AX-FA-ASSET or AX-FAX-ASSET models as needed.

Use AX-FA-ASSET models with the Standard version of Facility AnalytiX. Each includes: One Facility AnalytiX Asset, ten GENESIS64 Tags, and one Hyper Historian Tag.

Use AX-FAX-ASSET models with the Lite version of Facility AnalytiX. Each includes: one Facility AnalytiX Lite Asset and ten GENESIS64 Tags. Add ReportWorX Reports as needed. Facility AnalytiX Viewers may be incorporated into a project in a number of ways, including embedded in thick client (desktop) GraphWorX64 environments where the product is installed locally, or within thin client WebHMI browsers.

To add additional Facility AnalytiX visualization clients, license one of the following:

- Use WEBHMI-CAL (Web Browser Client) licenses to view Facility AnalytiX in thin client (HTML5) browsers.
- Use WEBHMI-BRWSR (Advanced Client) licenses to view Facility AnalytiX in desktop thick client GraphWorX64 environments or as thin client browsers.

Facility AnalytiX Standard

Facility AnalytiX Standard runs with the full version of the ICONICS Hyper Historian. Cannot combine with models AX-FAX-ASSET/xxx

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
AX-FA-5-G64-75	AX-FA-5-G64-75	Facility AnalytiX with 5 Assets, 75 GENESIS64 Tags, 5 Hyper Historian Tags, 1 Advanced Client, 1 Report	-
AX-FA-A	AX-FA-A	Facility AnalytiX Add-On to GENESIS64 with 5 Facility AnalytiX Assets, 5 Hyper Historian Tags, 1 Report	-
AX-FA-ASST	AX-FA-ASSET	1 Facility AnalytiX Asset with 10 GENESIS64 Tags and 1 Hyper Historian Tag	-
AX-FA-ASST5	AX-FA-ASSET/5	5 Facility AnalytiX Assets with 50 GENESIS64 Tags and 5 Hyper Historian Tags	-
AX-FA-ASST25	AX-FA-ASSET/25	25 Facility AnalytiX Assets with 250 GENESIS64 Tags and 25 Hyper Historian Tags	-
AX-FA-ASST100	AX-FA-ASSET/100	100 Facility AnalytiX Assets with 1000 GENESIS64 Tags and 100 Hyper Historian Tags	-
AX-FA-ASST500	AX-FA-ASSET/500	500 Facility AnalytiX Assets with 5000 GENESIS64 Tags and 500 Hyper Historian Tags	-
AX-FA-ASST1500	AX-FA-ASSET/1500	1500 Facility AnalytiX Assets with 15,000 GENESIS64 Tags and 1500 Hyper Historian Tags	-
AX-FA-ASST5K	AX-FA-ASSET/5000	5000 Facility AnalytiX Assets with 50,000 GENESIS64 Tags and 5000 Hyper Historian Tags	-
AX-FA-ASST10K	AX-FA-ASSET/10000	10,000 Facility AnalytiX Assets with 100,000 GENESIS64 Tags and 10,000 Hyper Historian Tags	-
AX-FA-ASST25K	AX-FA-ASSET/25000	25,000 Facility AnalytiX Assets with 250,000 GENESIS64 Tags and 25,000 Hyper Historian Tags	-
AX-FA-ASST50K	AX-FA-ASSET/50000	50,000 Facility AnalytiX Assets with 500,000 GENESIS64 Tags and 50,000 Hyper Historian Tags	-
AX-FA-ASST100K	AX-FA-ASSET/100000	100,000 Facility AnalytiX Assets with 1,000,000 GENESIS64 Tags and 100,000 Hyper Historian Tags	-

Facility AnalytiX Express

Facility AnalytiX Express Series models provide FDDWorX functionality. Add to any GEN64-APP, GEN64-BASIC, or GEN64-RT license.

Use in Express mode with native Boolean expression editor, and tools such as AnalytiX BI, Workflow, etc. Higher asset models (1500 Assets or more) include the Hyper Historian Express Logger Extension Option license. Or, add Hyper Historian Standard tags for each performance calculation or aggregate equation in your application. Cannot combine with Facility AnalytiX Standard models AX-FA-ASSET/xxx

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
AX-FX-5-G64-75	AX-FAX-5-G64-75	Facility AnalytiX with Rules Library, 5 Facility AnalytiX Assets, 75 GENESIS64 Tags, 1 Advanced Client	-
AX-FX-ASST	AX-FAX-ASSET	1 Facility AnalytiX Asset with 10 GENESIS64 Tags	-
AX-FX-ASST5	AX-FAX-ASSET/5	5 Facility AnalytiX Assets with 50 GENESIS64 Tags	-
AX-FX-ASST25	AX-FAX-ASSET/25	25 Facility AnalytiX Assets with 250 GENESIS64 Tags	-
AX-FX-ASST100	AX-FAX-ASSET/100	100 Facility AnalytiX Assets with 1000 GENESIS64 Tags	-
AX-FX-ASST500	AX-FAX-ASSET/500	500 Facility AnalytiX Assets with 5000 GENESIS64 Tags	-
AX-FX-ASST1500	AX-FAX-ASSET/1500	1500 Facility AnalytiX Assets with 15,000 GENESIS64 Tags and Hyper Historian Logger Extension	-
AX-FX-ASST5K	AX-FAX-ASSET/5000	5000 Facility AnalytiX Assets with 50,000 GENESIS64 Tags and Hyper Historian Logger Extension	-
AX-FX-ASST10K	AX-FAX-ASSET/10000	10,000 Facility AnalytiX Assets with 100,000 GENESIS64 Tags and Hyper Historian Logger Extension	-
AX-FX-ASST25K	AX-FAX-ASSET/25000	25,000 Facility AnalytiX Assets with 250,000 GENESIS64 Tags and Hyper Historian Logger Extension	-
AX-FX-ASST50K	AX-FAX-ASSET/50000	50,000 Facility AnalytiX Assets with 500,000 GENESIS64 Tags and Hyper Historian Logger Extension	-
AX-FX-ASST100K	AX-FAX-ASSET/100000	100,000 Facility AnalytiX Assets with 1,000,000 GENESIS64 Tags and 100,000 Hyper Historian Tags	-

Upgrade Notes:

1. Upgrades from Facility AnalytiX Express to Facility AnalytiX Standard require purchase of model UPGRADE, plus the difference in the list prices of the upgraded system.
2. Upgrades from AX-FAL-ASSET/xxx to AX-FAX-ASSET/xxx models are at no charge.

Quality AnalytiX®

Quality AnalytiX is a stand-alone SPC product, or may be added on as an SPC product for the Hyper Historian.

The Stand-Alone Version includes the ICONICS Alarm Server, Alarm Logger, Hyper Historian Standard Server, GraphWorX64, 150 GENESIS64 Tags and 150 Hyper Historian Tags, plus one Advanced Client.

- Add-on Quality AnalytiX to an existing Hyper Historian license with the Model Number **AX-QA-A**. This model provides the Quality AnalytiX Server license.
- Add GENESIS64 or Hyper Historian models from the GENESIS64 or Hyper Historian price list if more GENESIS64 Tags or Hyper Historian Tags are required.

Quality AnalytiX

Facility AnalytiX Standard runs with the full version of the ICONICS Hyper Historian. Cannot combine with models AX-FAX-ASSET/xxx

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
AX-QA-150	AX-QA-150	Quality AnalytiX Server stand-alone licensing with 150 GENESIS64 Tags, 150 Hyper Historian Tags, and one Advanced Client	-
AX-QA-A	AX-QA-A	Quality AnalytiX add-on license to an existing Hyper Historian Standard or Hyper Historian Enterprise license, with one Advanced Client	-

Note: Add additional visualization clients with either **WEBHMI-BRWSR** or **WEBHMI-CAL**. Not compatible with GEN64-BASIC-xxx models.

ReportWorX64

ReportWorX64 – Reporting for Operational Intelligence

Create, schedule and publish a number of actively enabled reports from mixed data sources including databases and real-time machine data leveraging the power of Microsoft Excel for configuration and analysis. Trigger reports via real-time events (live data), changes in database values, or on a periodic basis. Email, archive to disk, print and publish to a Web server as PDF, Excel or HTML format. Manage reports via Web Interface. Data sources can be from multiple real-time and historical OPC, SNMP and BACnet sources from devices such as PLC's, and from database sources such as Microsoft SQL Server, Oracle, other ODBC databases and .NET Web services via direct connection or stored procedures/SQL Queries. ReportWorX64 is fully integrated with the GENESIS64 Workbench. Stand-alone licenses include Workbench for remote Web-based configuration, and the GENESIS64 Platform Services including AssetWorX, the Unified Data Manager, Security Server, Language Aliasing, MonitorWorX, Modbus, SNMP, and BACnet communication protocols.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
REPORTWX64-SVR	REPORTWORX64-SVR	ReportWorX64 Server with 1 Actively Enabled Report, Platform Services and Workbench, and 10 GENESIS64 Tags	-
REPORTWX64-LTE	REPORTWORX64-LITE	ReportWorX64 Server with 5 Actively Enabled Reports, Platform Services and Workbench, and 50 GENESIS64 Tags	-
REPORTWX64-STD	REPORTWORX64-STD	ReportWorX64 Server with 25 Actively Enabled Reports, Platform Services and Workbench, and 250 GENESIS64 Tags	-
REPORTWX64-ENT	REPORTWORX64-ENT	ReportWorX64 Server with 1000 Actively Enabled Reports, Platform Services and Workbench, and 50000 GENESIS64 Tags	-

Notes:

1. License more actively enabled reports with models REPORTWORX64-RPT/xxx.
2. For ReportWorX64 Enterprise, consideration must be made for physical performance factors of the hardware configuration such as CPU speed, available RAM, and communications. Please consult Mitsubishi Electric regarding the distribution of the report server, Web Server and SQL Server workloads for your application.

ReportWorX64 Report Add-Ons

Add reports to existing ReportWorX licenses to extend the number of enabled reports and report templates.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
REPORTWX64-5	REPORTWORX64-RPT/5	License to add 5 Actively Enabled Reports to an existing ReportWorX64 server license, and 50 GENESIS64 Tags	-
REPORTWX64-25	REPORTWORX64-RPT/25	License to add 25 Actively Enabled Reports to an existing ReportWorX64 server license, and 250 GENESIS64 Tags	-
REPORTWX64-100	REPORTWORX64-RPT/100	License to add 100 Actively Enabled Reports to an existing ReportWorX64 server license, and 5000 GENESIS64 Tags	-

ReportWorX64 Add-Ons to GENESIS64 Basic SCADA

Add ReportWorX to existing GENESIS64 Basic SCADA licenses (**Models GEN64-BASIC-xxx**). Cannot combine with GEN64-APP-xxx or other models using the Advanced Tag Mode.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
REPORTWX64-SVRB	REPORTWORX64-SVR-BASIC	Add-On ReportWorX64 Server with 1 active Report to a GENESIS64 Basic SCADA License	-
REPORTWX64-LTB	REPORTWORX64-LITE-BASIC	ReportWorX64 Server with 5 Actively Enabled Reports for add-on to models GEN64-BASIC-xxx	-
REPORTWX64-5B	REPORTWORX64-RPT/5-BASIC	License to add 5 Actively Enabled Reports to an existing ReportWorX64-xxx-BASIC server license	-

Upgrade Notes:

1. SupportWorX Site and Enterprise Plan subscribers may upgrade ReportWorX V9.x (models REPORTWORX-XXX V9) to comparable ReportWorX64 models free-of-charge.
2. It is possible to purchase and run both ReportWorX V9.5 and ReportWorX64 on the same license key simultaneously on a server. Contact Mitsubishi Electric for assistance with licensing upgrades.

BridgeWorX64

BridgeWorX64 – Data Bridging for Collaborative Information Exchange

Configure a number of Actively Enabled Transactions from an unlimited number of data sources. Bridge data between virtually any data source using a powerful workflow engine. Trigger transactions via real-time events (live data), changes in database values, or on a periodic basis. Transaction diagrams simplify configuration. Data sources can be from multiple real-time OPC, SNMP, and BACnet sources from devices such as PLCs, and from database sources such as Microsoft SQL Server, Oracle, other ODBC databases and .NET Web services via direct connection or stored procedures/SQL Queries. BridgeWorX64 is fully integrated with the GENESIS64 Workbench. Stand-alone licenses include Workbench for remote Web-based configuration, and the GENESIS64 Platform Services including AssetWorX, the Unified Data Manager, Security Server, Language Aliasing, MonitorWorX, Modbus, SNMP, and BACnet communication protocols. BridgeWorX64 leverages the GENESIS64 Workflows Engine and leverages Workflow Diagrams, extending them with additional support for access to csv and xml files, dynamic tag writing, and file transfer transactions.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
BRIDGEWX64-SVR	BRIDGEWORX64-SVR	BridgeWorX64 Server with 1 Actively Enabled Transaction, Platform Services, Workbench, and 10 GENESIS64 Tags	-
BRIDGEWX64-LTE	BRIDGEWORX64-LITE	BridgeWorX64 Server with 5 Actively Enabled Transactions, Platform Services, Workbench, and 50 GENESIS64 Tags	-
BRIDGEWX64-STD	BRIDGEWORX64-STD	BridgeWorX64 Server with 25 Actively Enabled Transactions, Platform Services, Workbench, and 250 GENESIS64 Tags	-
BRIDGEWX64-ENT	BRIDGEWORX64-ENT	BridgeWorX64 Server with 1000 Actively Enabled Transactions, Platform Services, Workbench, and 5000 GENESIS64 Tags	-

Notes:

1. Add transactions to license with models BRIDGEWORX64-TRN/xx.
2. Add models GEN64-APP-nnnTAGS as needed for triggering functions.
3. For BridgeWorX Enterprise, consideration must be made for physical performance factors of the hardware configuration such as CPU speed, available RAM, and communications. Please consult Mitsubishi Electric regarding the distribution of the BridgeWorX64 server, and SQL Server workloads for your application.

BridgeWorX64 Transaction Add-Ons

Add transaction packs to existing BridgeWorX licenses to extend the number of enabled transactions and transaction diagrams.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
BRIDGEWX64-5	BRIDGEWORX64-TRN/5	License to add 5 Actively Enabled Transactions to an existing BridgeWorX64 server license, and 50 GENESIS64 Tags	-
BRIDGEWX64-25	BRIDGEWORX64-TRN/25	License to add 25 Actively Enabled Transactions to an existing BridgeWorX64 server license, and 250 GENESIS64 Tags	-
BRIDGEWX64-100	BRIDGEWORX64-TRN/100	License to add 100 Actively Enabled Transactions to an existing BridgeWorX64 server license, and 50000 GENESIS64 Tags	-

BridgeWorX64 Add-Ons to GENESIS64 Basic SCADA

Add BridgeWorX64 to existing GENESIS64 Basic SCADA licenses (**Models GEN64-BASIC-xxx**). Cannot combine with GEN64-APP-xxx or other models using the Advanced Tag Mode.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
BRIDGEWX64-SVRB	BRIDGEWORX64-SVR-BASIC	Add-on BridgeWorX64 Server with 1 Actively Enabled Transaction to a GENESIS64 Basic SCADA License	-

Upgrade Notes:

1. SupportWorX Site and Enterprise Plan subscribers may upgrade BridgeWorX V9.x (models BRIDGEWORX-XXX V9) to comparable BridgeWorX64 models free-of-charge.
2. It is possible to purchase and run both BridgeWorX V9.5 and BridgeWorX64 on the same license key simultaneously. Contact Mitsubishi Electric for assistance with licensing upgrades.

Takebishi OPC Servers

DeviceXplorer OPC Server – DXPSERVER Series for ICONICS

These servers have licensing integrated with the ICONICS licensing system, and support over 200 different device connections. Purchase in OPC-UA versions (EP, AD or as a Standard OPC Server (ST). The Enterprise version (EP) supports OPC UA and simultaneous connections to multiple vendors and multiple controller devices. The Advanced (AD) version supports OPC UA and connection to a selectable one single vendor with multiple controller protocols and devices within that vendor series. The Standard (ST) version does not support OPC UA, but does support Standard OPC and connects to one single vendor with multiple controller protocols and devices with in that vendor series.

MEAU Model Number	ICONICS Model Number	Description	Stocked Item
DXPV6EP-ICN	DXPV6EP-ICN	DxpSERVER V6 Enterprise OPC server with OPC UA server function, Multi. For use with multiple vendor brands supported by the Takebishi DXP OPC Server	-
DXPV6AD-ICN	DXPV6AD-ICN	DxpSERVER V6 Advanced OPC server with OPC UA server function, Single. For use with one vendor brand supported by the Takebishi DXP OPC Server	-
DXPV6ST-ICN	DXPV6ST-ICN	DxpSERVER V6 Standard OPC Server, Single. OPC Classic version for one vendor brand supported by the Takebishi DXP OPC Server. Does not support OPC UA	-

Support, Services & Licensing

SupportWorX PREMIERE Plan

SupportWorX PREMIER Plan covers all active products for an End-User. It provides telephone technical support from any ICONICS Global Support and Services Center worldwide (business hours); free Product Upgrades for Major New Feature Releases (XX and YY and Z digits) within a Product Family and service packs; Synchronized Renewals so that SupportWorX plans for all licenses on-site expire on the same date for administration efficiency; Free support for new licenses purchased after the first anniversary date through the following annual renewal date; Invitation to official ICONICS Beta Programs; 30% discount on Official ICONICS Training Classes; access to the ICONICS Customer Connection Portal for Product Downloads, Documentation, FAQ, Support Case Initiation via the CCP Web Form, for Support Case Status, and training content; plus one replacement key (damaged hardware copy protection key or software SITE KEY) per year provided plan is in effect. SupportWorX PREMIER Plans require that all licenses owned by the end user must be on the Plan.

MEAU Model Number	List Price	Description	Stocked Item
UP20xxx	20% per year	1-year SupportWorX PREMIER Plan	-

SupportWorX STANDARD Plan

The SupportWorX STANDARD Plan provides telephone technical support from the customer's regional ICONICS Global Support and Services Center; Free Product Product Updates (YY and Z digits) within a Product Family and service packs; Invitation to official ICONICS Beta Programs; access to the ICONICS Customer Connection Portal for Product Downloads, Documentation, FAQ, Support Case Initiation via the CCP Web Form, for Support Case Status, and training content; plus one replacement key (damaged hardware copy protection key or software SITE KEY) per year provided plan is in effect. Plan may be renewed on an annual basis. New Licenses added require purchase of SupportWorX for remainder of Plan.

MEAU Model Number	List Price	Description	Stocked Item
UP15xxx	15% per year	1-year SupportWorX STANDARD Plan	-

Functionality Upgrades

MEAU Model Number	List Price	Description	Stocked Item
UPGRADE	Price Difference Plus a \$300 NON-DISCOUNTABLE Fee Per Order	Product functionality upgrade. A non-discountable fee applies to each applicable purchase order, plus price difference of the products. Upgrades only; downgrades not permitted. Purchase of Tag-Packs, and Add-On Features to GENESIS64 BASIC SCADA Licenses do not require an UPGRADE fee. To upgrade tag count or functionality of a license key, contact your Mitsubishi Electric representative for part number and pricing.	-



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