



GENESIS64 - Using MonitorWorX for Application Status Overview



APPLICATION NOTE

October 2015

Description: Guide to using MonitorWorX to get an overview of your application's status.

Introduction

At any given moment you may want to look at the Status of your application in GENESIS64. With MonitorWorX you can have a quick overview of running modules, licensed modules, redundancy, connected nodes, and FrameWorX server load.

Start MonitorWorX

1. Start MonitorWorX Viewer from the Start menu → ICONICS Licensing → ICONICS .NET Licensing → MonitorWorX Viewer

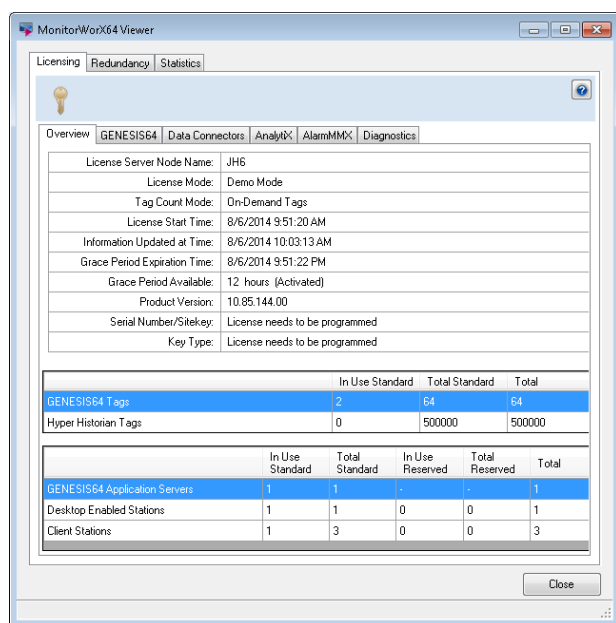


Figure 1 - MonitorWorX Viewer

Key information in the MonitorWorX Viewer

Licensing information

The MonitorWorX Viewer shows information regarding your License on the **Licensing** tab. Here you can see basic information about the license status on the Overview tab, but also more advanced items about "In use" license points and reserved points.

On the **Diagnostics** tab you can see a list of licenses requested on the license server and names of client nodes requesting the licenses. In case a record on this tab is in red, it means that the

node requested the license, but didn't get it from the license server, because there is no license available for the node.

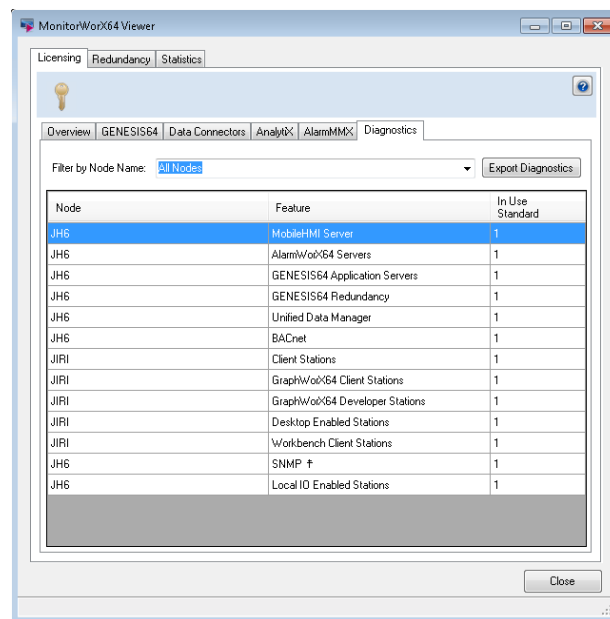


Figure 2 - MonitorWorX Viewer Diagnostics tab

Redundancy information

In Redundancy tab you can see the status of your configured redundant Servers. The information includes:

- Node Pair information for Classic Redundancy
- OPC UA Redundant Servers
- Hyper Historian servers and collectors

MonitorWorX shows the latest-available status for each node pair that has been configured for redundancy. For each pair, the primary server is listed first, then the secondary server. Visual indicators tell you which server is currently active and which one is on stand-by.

You can make a stand-by server active at any time by right-clicking the server and click **Make Active**. The server you made active now appears in MonitorWorX as the active server. This is mainly useful for planned maintenance on the server machines.



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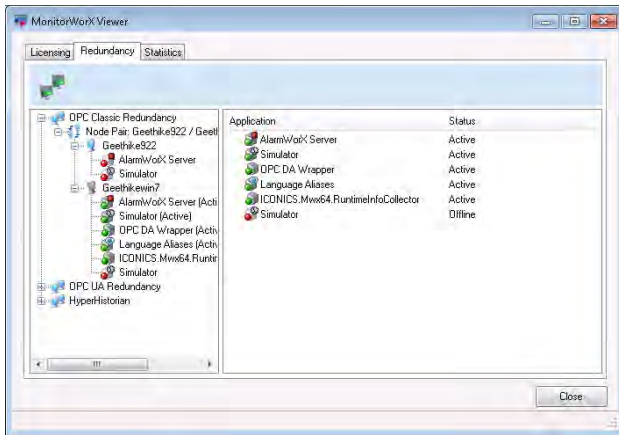


Figure 3 - Checking Redundancy Servers

NOTE: For more information about MonitorWorX and monitoring tags, see the application note *GENESIS64 - Monitoring services, redundancy and license*.

Statistics information

Statistics tab allows you to connect to a FrameWorX server and monitor its load. It is similar to Windows Performance Monitor. Once you run the analysis you will start collecting statistical data about data flow between the server and all connected clients. Such information can be useful when troubleshooting the server because you can identify which client is demanding most resources, or what type of data is requested the most.

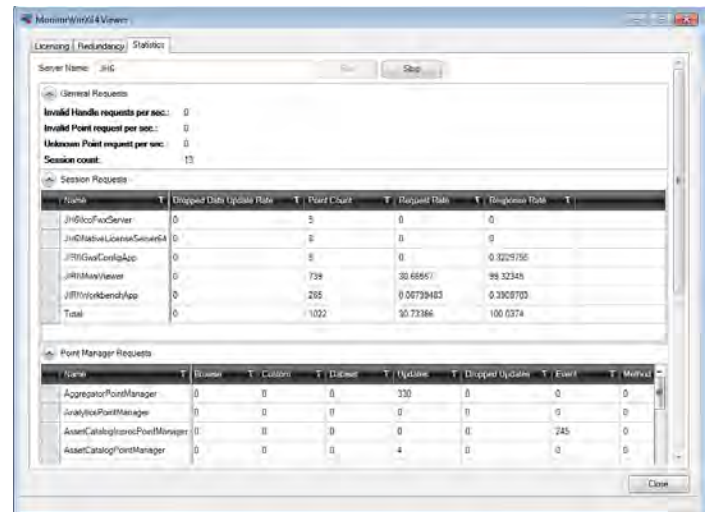


Figure 4 – Statistics Analysis