What does the ERS Monitor Do?

The Enhanced Reporting Software Monitor (ERS Monitor) is designed to “monitor” measurements from one or more CMMs remotely from a networked computer. The J&H Enhanced Reporting Software must be running on the individual CMMs in order to send the results to the ERS Monitor.

Using the Enhanced Reporting Software (ERS) from a remote computer, you can view stats and results from measurements with all the abilities of the ERS like when running on a CMM computer.

ERS Monitor Installation


2. Run the “MonitorSetup.exe” program

3. When prompted for an installation directory, choose a mapped network directory accessible to the CMM(s) AND the remote computers you wish to view results from:

4. Click OK or CONTINUE to finish the installation process completely.
5. Once installed, start the ERS Monitor program from your Windows START menu or from the installation directory in Windows Explorer.

6. Enter a password when prompted. This password will be used to “reset” the data in the ERS Monitor.

7. After the password is entered, the program will start running. If you want to add your company logo, press the SETUP button on the top-left of the ERS Monitor screen and enter the path to the logo bitmap.

Setting up the ERS to pass files to the Monitor

If you have not already, install and setup the Enhanced Reporting Software on the CMM(s) that will be sending data to the monitor. Follow the Enhanced Reporting Software Manual to ensure proper installation. Follow any instructions related to use of the Enhanced Reporting Software with “ReportLauncher”. If you are running older versions of the ERS, please download the latest update off the www.jhtools.com website to ensure compatibility with the ERS Monitor.

Once the Enhanced Reporting installed properly per the manual, click SETUP from the main blue screen and then click MORE SETUP on the first yellow setup screen.
On the “MORE SETUP” screen, press the “SPECIAL GLOBAL DATA COLLECTION SETTINGS” button.

Answer OK to all the questions as default. When the question about sending data to the ERS Monitor appears, click OK.

You will then be asked to type in the path to the ERS Monitor INCOMING directory. Type that in the textbox provided. If you do not know the path, go to windows explorer and find it. The path will appear in the address bar. Please note that a “\” is required at the end of the address.
Answer any other questions that come up after you enter the ERS SYSTEM MONITOR path and close the Enhanced Reporting Software.

Repeat this process on all CMM computers running the Enhanced Reporting Software.

Setup is now complete! When an inspection is run, results will automatically be sent to the ERS Monitor.

**Using the ERS Monitor**

After installation of the ERS Monitor and configuration of the Enhanced Reporting Software, the ERS Monitor is ready to use. Start the ERS Monitor program from the Windows START menu or from Windows Explorer. As new results are sent to the INCOMING directory, new “dots” will appear in the INSPECTION vs PERCENTAGE IN TOLERANCE graph on the top of the screen. Each data point on this graph represents the percentage of characteristics in tolerance for one inspection run.

If the ERS Monitor is running at the time new data arrives, the first of the lower three CHARACTERISTICS vs DEVIATION PERCENTAGE graphs will fill in. Each data point on this graph represents a characteristic.

As new data arrives, new data points will fill in at the left of the INSPECTION vs PERCENTAGE IN TOLERANCE graph and the existing data in the CHARACTERISTICS vs DEVIATION PERCENTAGE graphs will move down one graph and the top graph will display the latest data.
All data points displayed in the ERS Monitor are “clickable”. If a data point in the INSPECTION vs PERCENTAGE IN TOLERANCE graph is clicked, the selected run will be displayed in the first CHARACTERISTICS vs DEVIATION PERCENTAGE graph.

Note the colored leader lines connecting the selected data point to the corresponding graph below.

If a data point in the CHARACTERISTICS vs DEVIATION PERCENTAGE graph is clicked, the measurement data for that selected characteristic is displayed in a new window. That window shows the characteristic name, nominal, tolerance, and actual data. There also are options to PRINT or SEND TO EXCEL the full inspection report.
To CLOSE, MINIMIZE, get HELP, or SETUP the ERS Monitor, press the control buttons on the top right of the screen.

When you choose to close the ERS Monitor, you will be asked if you want to continue processing data or not. In order to stay as current as possible, the ERS Monitor should be running most of the time. If the ERS Monitor is not running and new data arrives, the data will sit in the “INCOMING” directory until the ERS Monitor is started again. Note that there is a chance that data may be overwritten if similar program name and run number files are sent to the “INCOMING” directory if the ERS Monitor is not running. With the ERS Monitor running, it processes files as they arrive, so files will not be overwritten.

When closing the program, when prompted, you should continue processing files by answering “YES”. Answering “NO” will cause data to be held in the “INCOMING” folder until the ERS Monitor is started again.
Using the Enhanced Reporting Software on a remote computer

On a remote computer that is not connected to the CMM, but has access to the network directory where the ERS Monitor is installed, install the Enhanced Reporting Software following the installation instructions.

DO NOT SETUP REPORT LAUNCHER ON A REMOTE COMPUTER. Just install the Enhanced Reporting Software. Make sure that the ERS Monitor is running on this remote computer.

Start the Enhanced Reporting Software. You will get a message to press SETUP:

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Calypso Report Program
Please Press SETUP Button to Change Setup Information!
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Press the SETUP button on the main Blue ERS screen. In the SETUP screen, specify the “Calypso Results Directory” as the …ERS MONITOR\PROCESSED\ directory.
Once the ERS Monitor PROCESSED directory is specified in SETUP, OK out of setup to return to the main Blue ERS screen. Click ARCHIVES to view any reports from any runs processed through the ERS Monitor. Basic Stat analysis, including run charts and export to Excel options are available to you from the ARCHIVES screen.

Note that all run data displayed on a CMM running the ERS program will be available to view remotely in the ERS Monitor PROCESSED directory. Any runs deleted or replaced at the CMM will not be deleted from the data available in the ERS Monitor. The FILE MANAGER can be used on the remote computer to delete any unwanted files. Some tools (like resequencing run numbers) will not be available on a remote computer.