

SQCpack[®] 6.0



New Features

What's new?

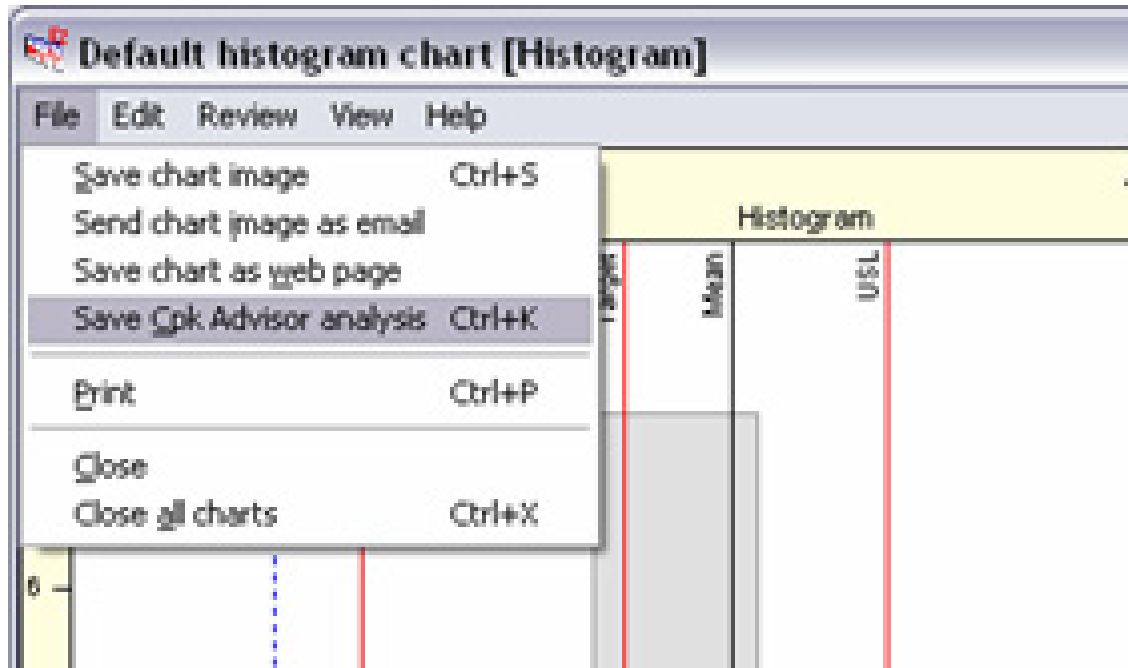
1. Cpk Advisor analysis
2. Out-of-control summary
3. Chart Review
4. Chart Slideshow
5. New user privilege
6. Images in chart titles
7. Improved installation

1. Cpk Advisor analysis

- With any histogram, SQCpack can generate and display a capability analysis. This analysis is customized for the specifics of each histogram.
- The text based analysis and interpretation is easy to read, includes the relevant statistics, and can be printed or saved as a file.

1. Cpk Advisor analysis

To get to the Cpk Advisor analysis, go to File, from a histogram, Save Cpk Advisor analysis.



Click [here](#) for a sample of the CPK Advisor analysis

How the Cpk Advisor analysis works

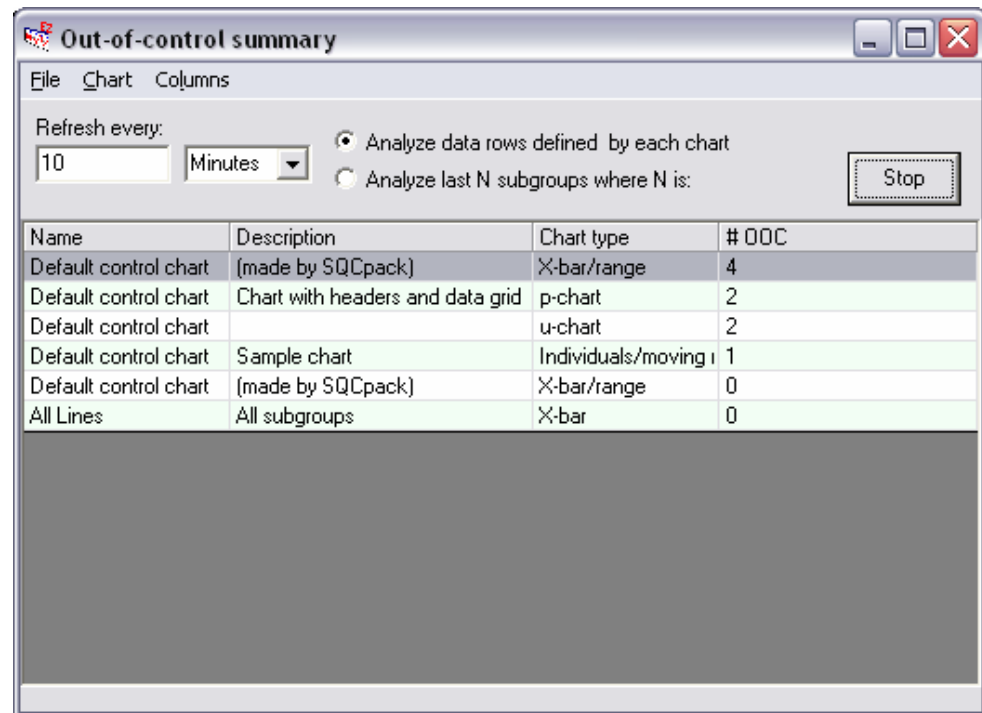
- The output from a Cpk Advisor Analysis is a web page file (.htm file). When you click **OK** to view the analysis, your web browser will be launched. It will display the contents of the Cpk Advisor Analysis output file.
- To create the output file, the software uses one of several template files. These templates are stored in the \SysData folder under the folder where you installed SQCPack. The main template is named CpkWebTemplate.htm and there are some template fragments that are also used. They have names like CpkDetails1.txt, CpkDetails2.txt, etc.
- Depending on the statistics that get calculated, the output file will be based on the main template and one of the template fragments.
- You may customize the main template. For example, you could put your company logo on the page. Be sure to make a backup copy of the original before you begin making changes.
- Note that a Cpk Advisor Analysis can also be generated by a command line parameter.

2. Out-of-control summary

- The out-of-control summary allows you to quickly scan many control charts and then view them as a ranked list. The charts at the top of the list are those with the highest count of out-of-control conditions. Double click to display only the charts that need attention. If everything is OK, why look at the chart?

2. Out-of-control summary

- To use the Out-of-control, OOC, summary from the workspace, right-click to display the context menu, then select **Display out-of-control summary** from the menu. The out-of-control summary dialog box will be displayed.



For additional help see:
Help > User Guide (PDF)

OOC summary form settings

- When the dialog box is first displayed, it shows your charts in the same order they are in the workspace. Under the column named Number out-of-control you will see question marks. Once the charts are evaluated, you will see numbers in place of the question marks. Note that you may resize each column displayed in this form. SQCPack will remember your preferences and show them with the new size from now on.
- **Refresh every** – The out-of-control summary form can be set to refresh the list of charts every so often. This is useful in situations where you have a regular flow of data into the groups underlying the charts in your workspace. Enter a number here. For example to refresh every hour, enter a '1'.
- **Time units** – Select from the drop down list the time units for your refresh interval; minutes, hours, etc.
- **Analyze** - Select the Analyze option you prefer. If you want to look at the number of data rows as defined by the chart, select Analyze data rows defined by each chart. If you want each chart in the workspace to look back the same number of rows, then select Analyze Last N rows where N is and then be sure to enter a value for N.
- **NOTE:** You may leave the Refresh every and Time units empty if you do not want to use the automatic refresh option.
- **Start** – Click this button to have the OOC Summary evaluate and rank your charts. If you are using a refresh interval, then the list will be evaluated and resorted at each interval until you close the window or click Stop.
- Once OOC Summary has evaluated the charts in your workspace it will reorder them so the charts having the highest number of out-of-control conditions show at the top of the list.
- At any time you may view the actual chart by double clicking on it in the list or selecting Chart |Display from the menu. When you close the chart, the OOC Summary form will still be visible.

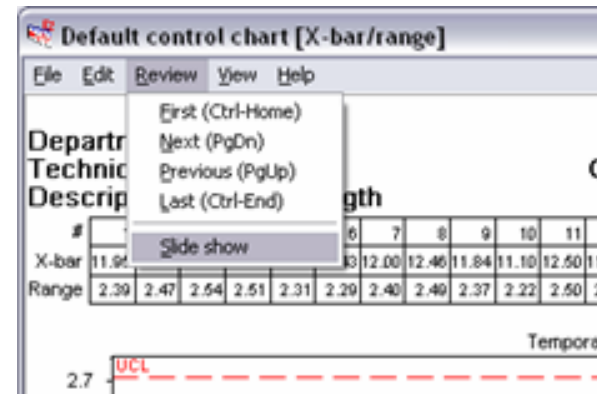
3. Chart Review

- Chart Review allows you to efficiently review all charts in a group, or in a workspace.
- To view the charts from a workspace, right-click on the name of the workspace and select Chart Review.
- While viewing any chart, use the PgDn and PgUp keys to easily browse through all related charts.

4. Chart Slide show

- This allows you to have a set of charts displayed in a continuous loop where an updated chart is displayed every few seconds. This makes it easy to set up a visual chart monitoring station that keeps important metrics both visible and up to date.

To use this feature follow the Chart Review steps and select Review > Slide show

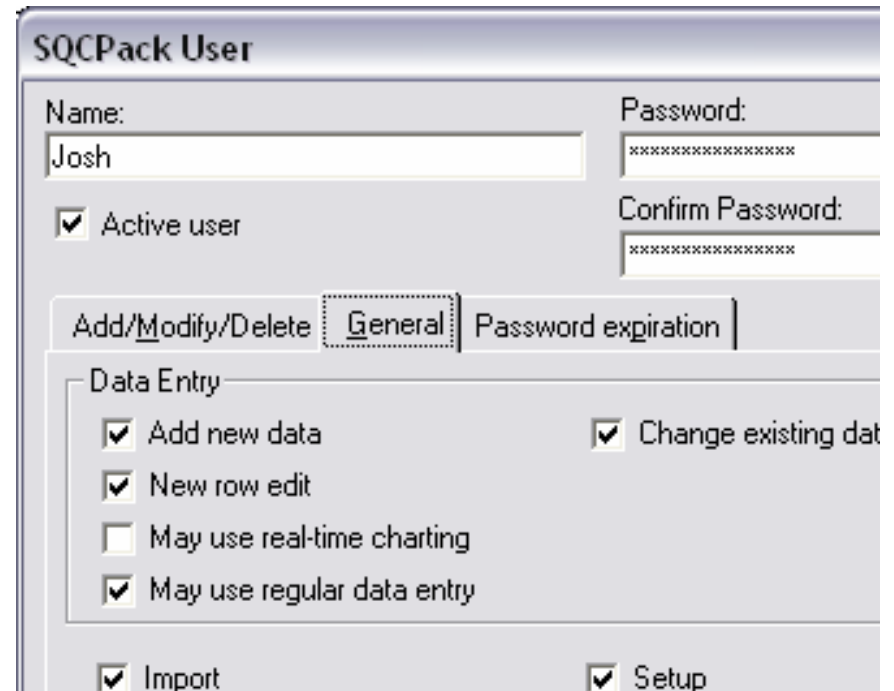


Then enter the slide show interval in seconds.

The screenshot shows a dialog box titled "SQCpack EZ 6.0". It contains the text "Enter the slideshow interval in seconds" and "(Cancel = No slideshow)". There are "OK" and "Cancel" buttons. A text input field at the bottom contains the number "10".

5. New user privileges

- New user privileges allows you to control which data entry form is used. The regular data entry form or the real-time charting form or both can now be set on a per user basis.

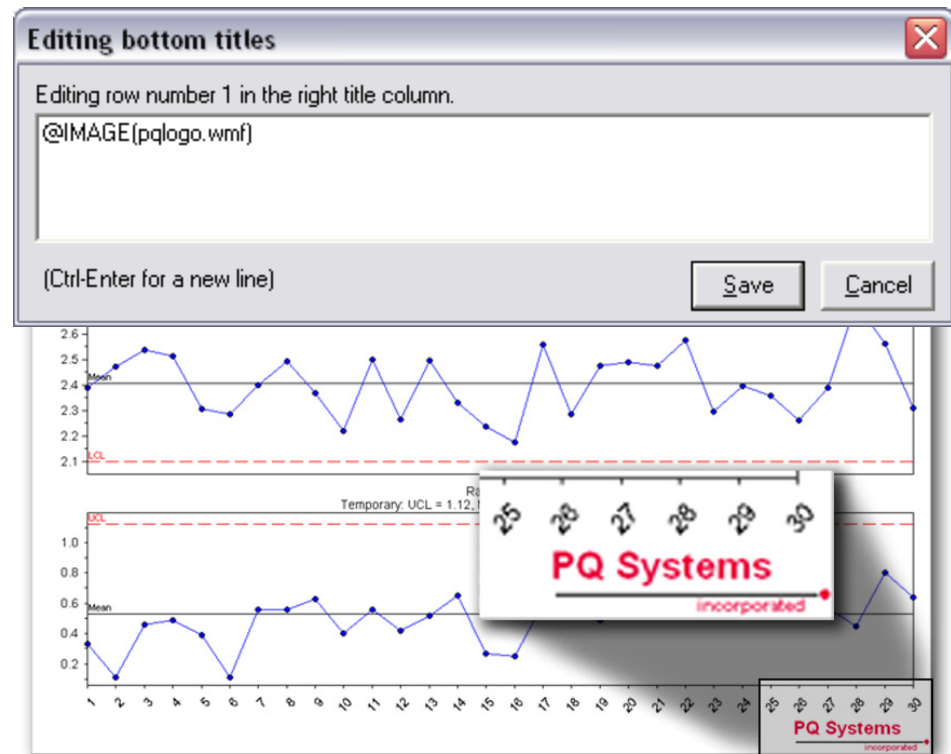


The screenshot shows the 'SQCPack User' dialog box with the 'General' tab selected. The 'Name' field contains 'Josh'. The 'Active user' checkbox is checked. The 'Data Entry' section has the following options checked: 'Add new data', 'New row edit', 'May use regular data entry', 'Import', and 'Setup'. The 'May use real-time charting' checkbox is unchecked. The 'Password' and 'Confirm Password' fields are masked with asterisks. The 'Add/Modify/Delete' and 'Password expiration' tabs are also visible.

To activate user-security and change user privileges see [Help > User Guide \(PDF\)](#)

6. Images in chart titles

- A new chart title code `@IMAGE` allows you to embed graphics such as company logos or diagrams in any chart title position.
- Supported graphic formats are: .BMP, .JPG, .PNG, .WMF, and .EMF.



To properly embed a graphic see Help > User Guide (PDF)