

General Improvements for Version 7.6

For more information on the improvements in this release see the following topics:

[New module: Enterprise Dashboard](#)

[GainSeeker now compatible with Windows Vista](#)

[All Modules](#)

[SPC Designer - new features and commands](#)

[SPC Designer - updated features and commands](#)

[Other utilities](#)

See also:

[GainSeeker 7.6 Release Notes](#)

New module: Enterprise Dashboard

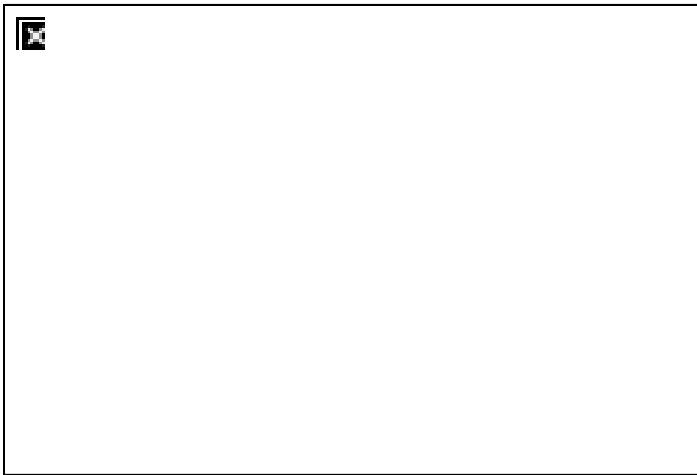
Why dashboards?

The Enterprise Dashboard module of GainSeeker gives you a way to present key process data in a visual format that is easy to understand – even by users who are not familiar with statistical process control.

These dashboards simplify the work of understanding your data, making it easier for your users to make informed decisions based on data.

What's available?

Like the SPC Database Monitor, the [Enterprise Dashboard](#) module can display real-time failure information for variable data.

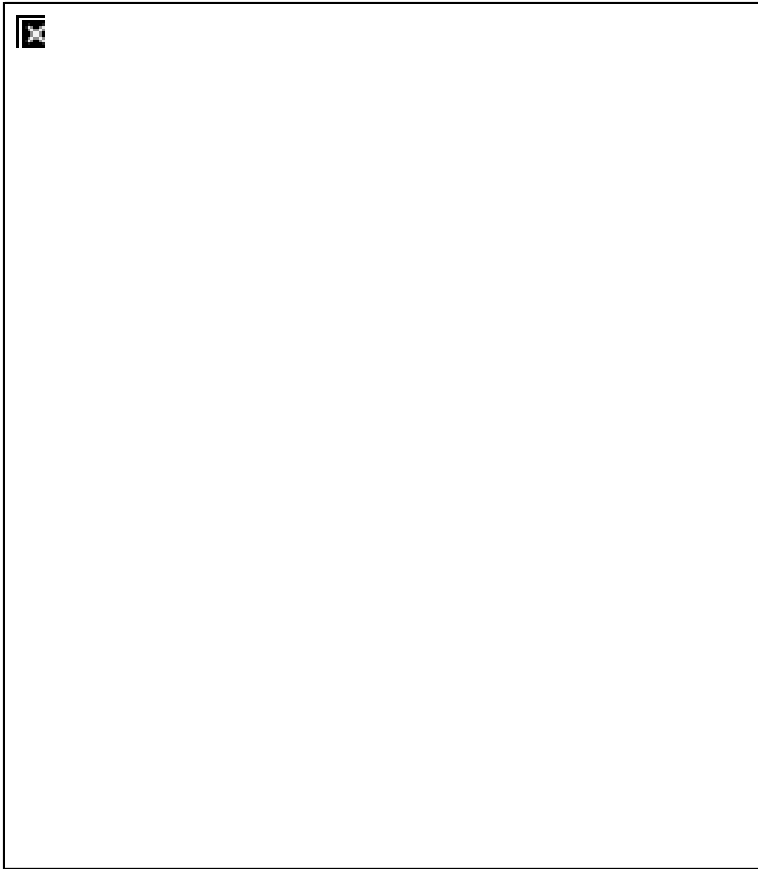


Additionally, it can

- display the results of a statistical filter for either variable or attribute data



- display a real-time statistic for either variable or attribute data as a dial gage, bar gage, or plain text



For details, see [Using Dashboards to monitor your processes.](#)

GainSeeker now compatible with Windows Vista

Beginning with version 7.6, GainSeeker Suite is now compatible with Windows Vista. However, there are several issues that must be handled differently on Windows Vista workstations:

- ⌘ Some GainSeeker program files only work correctly when specifically granted permission to run or when run as an administrator. These program files fall into two categories:
 - ↳ GainSeeker [client installation](#) and [client update](#)
 - ↳ GainSeeker macro editor and macro launcher
- ⌘ On earlier versions of the Windows operating system – except for Citrix or Terminal Services deployments – the Cms.ini file for GainSeeker was always found in C:\Windows, and it was used by all users who logged in on this workstation.

On Windows Vista, each user who logs in to this workstation and runs GainSeeker will have their own Cms.ini in C:\Users*user_name*\AppData\Local\VirtualStore\Windows\.

The default settings for new GainSeeker users on this workstation are stored in C:\Windows\Cms.ini. Only an Administrator can edit C:\Windows\Cms.ini.

All Modules

MINITAB version 15 is now supported

GainSeeker now works with MINITAB version 15. This includes functionality that was previously available only with MINITAB version 14 Corporate Edition.

Use command line to specify file name when opening a desktop and saving as HTML or XML

Previous versions of GainSeeker allowed you to use a command line parameter such as [-DH or -DHC](#) to automatically open the specified desktop and save it as HTML. However, the name of the resulting HTML file was dynamically set based on the computer clock.

Now an additional command line parameter allows you to specify the name of the HTML file that is created. For more information, see [Open a desktop and save as HTML](#).

For the Enterprise Dashboard module, you can also use this command line parameter to specify a file name when automatically opening a desktop and saving as XML. For more information, see [Open a desktop and save as XML](#).

Security enhancement for network logins that match GainSeeker logins

A security option has been added to prevent users from logging in to GainSeeker if their network login is not found in GainSeeker's list of User or group names. For more information, see [Security for user or group names that match network logins](#).

Search text now available for list of Data Source Names

When using the `dsn=Cms.ini` setting to prompt the user to choose from a list of Data Source Names (DSNs), you can now provide search text to limit the number of DSNs provided.

For example, adding the line `dsn=iList:GainSeek` to `Cms.ini` will show the user a list of the DSNs that include "GainSeek" in the name.

For more information, see [dsn=](#).

Formatting options added to chart titles

You can now apply numeric, string or date/time formatting to the statistics displayed on chart titles in the Charts and Reports modules for SPC and DMS. For more information, see [Formatting the Statistics](#).

Mouse wheel support added to grids

When viewing any grid with a vertical scroll bar, you can now use the mouse wheel to scroll the grid up or down.

WebOut.dat now includes creation date

The [WebOut.dat](#) file provides a template for HTML files created by GainSeeker and WebSPC. It has been updated to reflect the creation date of HTML files.

SPC Designer - new features

Commands for RFID input

New commands now allow GainSeeker to communicate with Radio Frequency Identification (RFID) readers. For information, see [RFID_CONNECT](#).

Named variables and arrays available

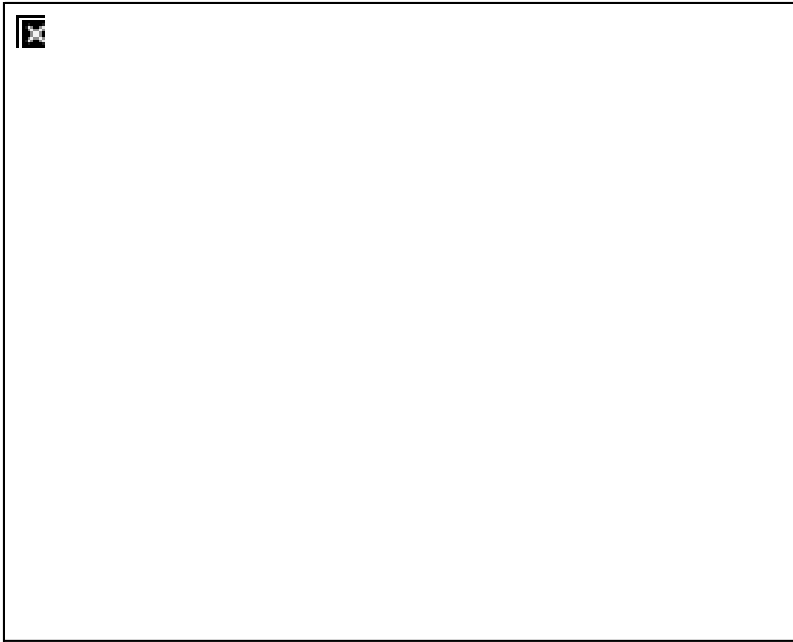
The new [MYNVAR](#) and [MYSVAR](#) commands are almost identical to the existing [NVAR](#) and [SVAR](#) commands except that you can name them with a string value instead of a number.

Also, [MYNARR](#) and [MYSARR](#) now make it possible to create arrays of numeric values and string values. A new [LIST_Q](#) option allows you to fill a string array with multiple items selected from a list.

There is no limit to the number of MyNVar, MySVar, MyNArr or MySArr variables that can be used in one template. Also, there is no limit to the number of values that can be handled by one MyNArr or MySArr array.

Commands for attribute data entry

The [DMS_COUNTS](#) command displays a screen for the operator to enter defects and counts, and the results are placed in the [record buffer](#).



Display options for this screen and statistical options for defect entry are configured by the [DMS_OPT](#) command.


Command times out if no RS-232 input is detected

The [RS_STATUS](#) command checks the RS232 input buffer for incoming data. If no data is detected within a specified period of time, this command times out and returns the number 0.


Utility converts Excel files to text

GainSeeker now includes the [Xls2Tab utility](#) to create text files from Excel files. You can then use template commands to read data from these text files.

Able to "supersize" step 5 of Template Wizard

A new setting allows step 5 of the Template Wizard to fill the entire screen when you use the  button to expand the **Formula** box. This allows you to view longer formulas without scrolling.

To enable this setting:

1. On Template Wizard step 5, press the CTRL key while clicking the  button.
2. Exit and re-start the SPC Designer module.

These steps add the [design_supersize=](#) setting to your Cms.ini.

Commands to read and write .ini file settings

The [INI_GET](#) and [INI_SET](#) commands simplify the task of reading or changing the value of an .ini file setting.

SPC Designer - updated features

MSG_WINDOW and MSG_WIN_OPT updated to allow display of HTML instead of text

New options for the [MSG_WIN_OPT](#) and [MSG_WINDOW](#) commands now allow you to display HTML in a message window while the user enters data. MSG_WIN_OPT can also be used to return the contents of the HTML file being displayed.

New setting for MSG_WINDOW calculates window size automatically

A new option for the height and width parameters can automatically size the message window to cover the chart area. For details ,see [MSG_WINDOW](#).

New setting suppresses error messages for automated templates

A new option, [DE_OPT 16](#), is available to suppress non-critical error messages. This is useful for automated templates that are designed to run without human intervention.

New settings to disable calculator, drop-down arrow, and Notes

A new option, [DE_OPT 17](#), lets you disable and enable the buttons for drop-down lists, the calculator, and Notes.

Automatic display of pre-defined lists, calculator and calendar can now be controlled with template commands

A new setting in the [TRACE_OPT](#) command lets you control whether the pre-defined list is automatically displayed for each traceability column.

Similarly, a new setting in the [DE_OPT](#) command lets you control whether the calculator, calendar or corrective action list is automatically displayed for other column types.

LIST_F updated for user to choose from a list of files

If you specify a file name containing the wild card character * or ?, the [LIST_F](#) command will now prompt the user to select from a list of files that match the search criteria.

Warnings about potential syntax problems now suppressed by default

The [bosem=](#) Cms.ini setting was introduced in an earlier version of GainSeeker to provide an option for

suppressing warning messages about potential syntax problems, but the default setting was to display the warning messages. Beginning with GainSeeker version 7.6, these warning messages are suppressed by default.

New DDE setting allows users to perform other tasks

A new optional entry for your .DDE file resolves issues that could occur if users tried to perform other tasks (e.g., clicking another tab or clicking the External Applications button) while the template was executing a DDE_RECEIVE or DDE_TRIGGER command. For information, see [ObeyStop=1](#).

Other modules

DMS Data Entry - new option for data with Sample size of 0 and no defects

In previous versions of GainSeeker, it was possible to configure the DMS Data Entry module so that if the user tried to save DMS data with a Sample size of 0 and no defects, DMS would display a Data OK? summary screen with Yes and No buttons. The Yes button was automatically selected on this screen, so pressing the ENTER key was the same as clicking Yes and would save the data with a Sample size of 0 and no defects.

A new option has been added so that the No button is automatically selected, and pressing the ENTER key is the same as clicking No. You can configure this option in the DMS Data Entry module by clicking the Setup menu and then clicking Data Entry Options. For more information, see [Options for checking data before it is saved](#). Changing this option modifies the [dms_dataok=](#) setting in Cms.ini.

SPC Data Entry - new command line option to specify the start screen

A new command line option lets you [specify the start screen](#) for SPC Data Entry.

In addition to the default start screen - which displays buttons for Quick Start, Templates, Planned Sessions, Stored Sessions and Exit - other options for the start screen include the Quick Start Preferences screen, the list of templates, the list of planned sessions, and the list of stored sessions.

DMS Charts and Reports - new options for DPU charts

DPU charts can now display defect rates calculated as Cost/Million (cost per million samples) and as PPM (defective samples per million samples). For more information, see [Changing display options on a DPU chart](#).

SQL Utility updated to rename a standard in Freeform SQL mode

For advanced users who are proficient with SQL queries, SQL Utility now makes it easy to [rename a](#)

[standard](#) without first using another GainSeeker module to creating the new standard.

SQL Utility updated to allow deletion of unused defect

If a defect is not assigned to any processes or referenced by any data, you can now use the SQL Utility to remove it from the list of All Defects. For instructions, see [Using SQL Utility to delete an unused defect](#).

SQL Utility modified for ease of use

After choosing a Current value and New value and then clicking Run SQL, previous versions of the SQL Utility would automatically refresh the Current value list and select the first value in this updated list. This could prove tedious if the user needed to update several values that were relatively close together in the list.

In GainSeeker 7.6, clicking Run SQL will remove the changed value from the Current value list and will select the following value. This makes it much less time-consuming to update several values that are close together in the list.

New utility to reset forgotten passwords

The [Reset Password Utility](#) allows a special type of user to reset the password for user or group names who have forgotten their login passwords. Extra security measures have been applied to this utility to prevent abuse.

Online User Guide topics added

The following topics have been added to the Online User Guide:

- ε [Remove unused columns to reduce database size](#)

Online User Guide topics updated

The following topics have been updated in the Online User Guide:

- ε [Workstation Requirements](#)
- ε [Set up GainSeeker on a SQL Server database](#)
- ε Oracle, [Set up GainSeeker on an Oracle database](#)
- ε [Installing GainSeeker with Citrix or Terminal Services](#)
- ε [Changing file paths](#)
- ε [CHR](#)

ε [FLUSH](#)

ε [FTP_CONNECT](#)

ε [FTP_GET](#)

ε [RSTO](#)

ε [SETBYPASS](#)

ε [STAT_NUM](#)

ε [VAL](#)

ε [Calculating Z Values, Out-of-Specification Predictions, and Capability Index](#)

ε [maximized=](#)

ε [session_dialog=](#)