



SmartConsole Filter Migration Tool

User Guide

8.0

VMC-Mxx

tango04
Computing Group

Solutions for Advancing People

VISUAL Message Center SmartConsole Filter Migration Tool - User Guide

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How to Use this Guide

This chapter explains how to use Tango/04 User Guides and understand the typographical conventions used in all Tango/04 documentation.

Typographical Conventions

The following conventional terms, text formats, and symbols are used throughout Tango/04 printed documentation:

Convention	Description
Boldface	Commands, on-screen buttons and menu options.
<i>Blue Italic</i>	References and links to other sections in the manual or further documentation containing relevant information.
<i>Italic</i>	Text displayed on screen, or variables where the user must substitute their own details.
Monospace	Input commands such as System i commands or code, or text that users must type in.
UPPERCASE	Keyboard keys, such as CTRL for the Control key and F5 for the function key that is labeled F5.
	Notes and useful additional information.
	Tips and hints that will improve the users experience of working with this product.
	Important additional information that the user is strongly advised to note.
	Warning information. Failure to take note of this information could potentially lead to serious problems.

Chapter 1

The New T4BD Model

In the previous version of the T4BD database used to store ThinkServer event data, the fields used to store the *computer name*, the *monitor name* and the *category* were limited to 15, 64 and 64 characters, respectively.

This caused several problems in the SmartConsole when processing some filters, causing SmartConsole to not be able to insert the whole name, which caused some conflicts that were generally resolved using an ALEV preprocess.

NiceLink 8.0 will update the T4BD model database to the new version which allows for storing those fields up to 255 characters.

Chapter 2

The SmartConsole Filter Migration Tool

When updating the database model, filters which were truncated due to the 16 or 64 character limitation will stop working.

In the following example, the name of the computer we want to filter is VMCSMARTCONSOLESERVER. Until now we needed to truncate the name in the filter to VMCSMARTCONSOLE (15 characters) and filter for the real name using an ALEV advanced filter.

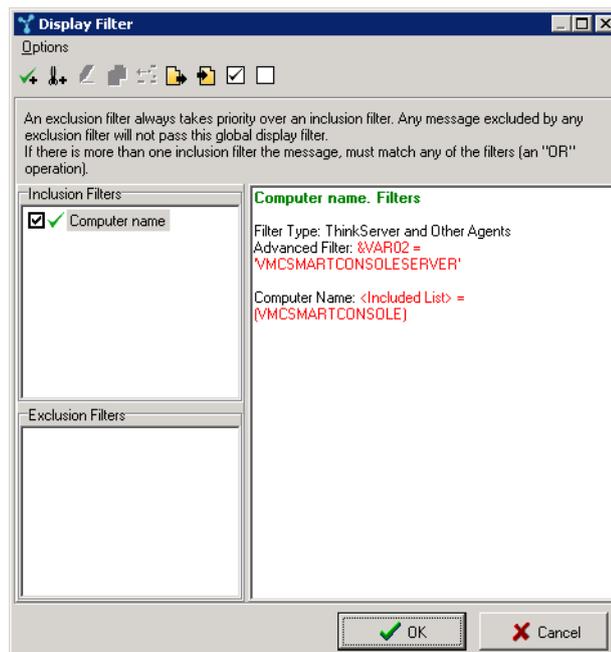


Figure 1 – A filter with the computer name truncated

After installing the new T4BD Model and the new version of NiceLink, the fields *computername*, *monitor name* and *category* will no longer be truncated to 15, 64 and 64 characters, causing the actual filters to not work anymore. For this reason we have created the Filter Migration Tool.

The correct new configuration will use the whole computer name:

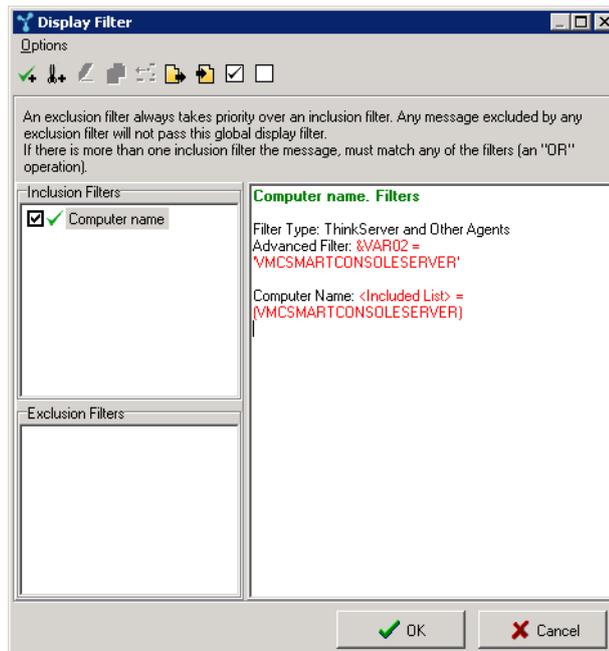


Figure 2 – The same filter after running the Filter Migration Tool. Now the computer name is not truncated. Here the advanced filter could be removed

To automatically correct these filter conflicts, beginning with **SmartConsole V8.0 SP03 HotFix 01** we have included the SmartConsole Filter Migration Tool (available from the Start menu) which will help you to detect and solve these types of conflicts.

Chapter 3

Prerequisites

Before starting you will need at least have the following products and versions installed:

- SmartConsole 8.0 SP03 HF01
- ThinkServer 1.6 SP06
- NiceLink 8.0

ThinkServer monitors **need to have recollected data at least once** after the installation of NiceLink 8.0 and ThinkServer SP06 (at least one message stored per monitor, even if it is an error message). If you have more than one ThinkServer you will need do the same process for each one of them.

You will need to export an updated version of your SmartConsole configuration (*.sccx).

If ThinkServer is installed in another computer from where you are running the Filter Migration Tool, you will need to configure an ODBC connection to the ThinkServer database before running the application.

Chapter 4

Running the Tool

Before running the tool, remember to first follow the prerequisites in the previous chapter. To summarize, you must:

- install SmartConsole 8.0 SP03 HF01, ThinkServer 1.6 SP06, NiceLink 8.0
- Run each of your monitors (for each of your ThinkServers) so that they generate at least one event each in the new database model.
- export your SmartConsole configuration
- create an ODBC connection to your ThinkServer database if you are running the tool on a machine where ThinkServer is not installed

To run the SmartConsole Filter Migration Tool:

- Step 1.** Open the tool from your Windows Start menu (**All Programs > VISUAL Message Center > SmartConsole > Tools > Filter Migration Tool**).

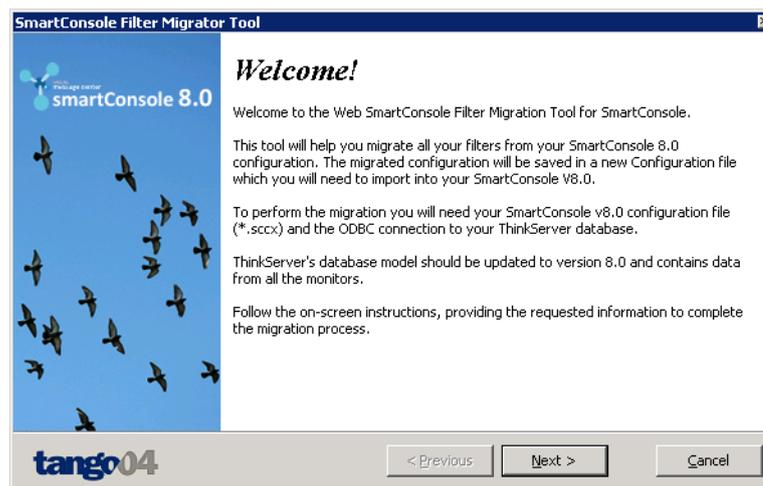


Figure 3 – Opening window

- Step 2.** Select the SmartConsole configuration that you exported.

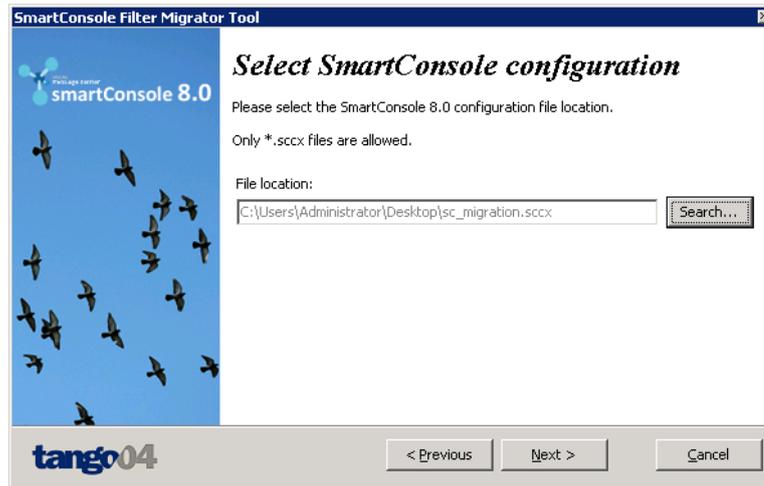


Figure 4 – Selecting your exported SmartConsole configuration (a .sccx file)

Step 3. Select the ThinkServer DSN. Remember that monitors should have recollected data at least once after the installation of the new t4bd model.



Figure 5 – Selecting your ThinkServer DSN

Step 4. Press **Next** to start the migration process.

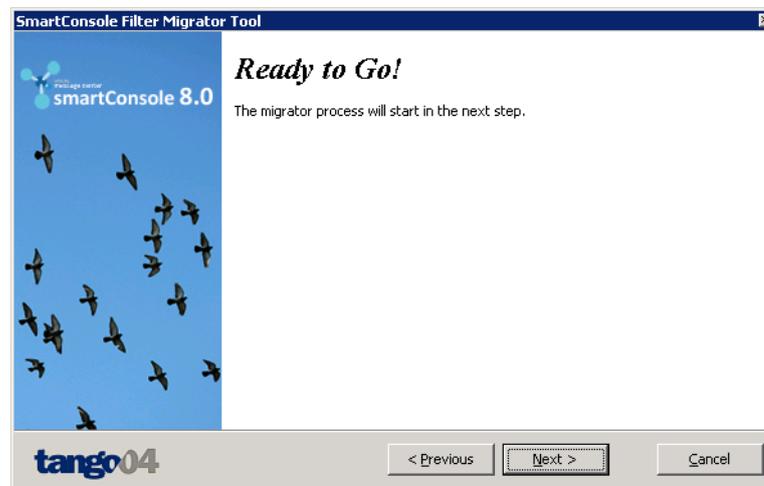


Figure 6 – Now, with your SmartConsole configuration and ThinkServer database at hand, the tool is ready to be run

Step 5. The tool will migrate the filters with the correct names. In case of conflicts, a window will appear so you can change the filter values and select the possible values found in the database.

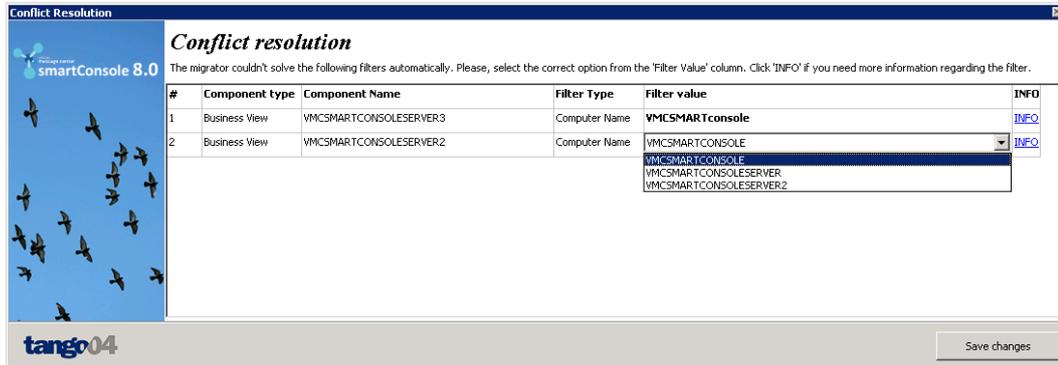


Figure 7 – Resolving possible conflicts that the migrator has detected

For each conflict the following information will be shown:

- Component type
- Component Name
- Filter Type
- Filter value (the font is bold when the original value is selected).
- INFO: When you click this link a message with more information about the filter will be shown to help you decide what the correct value is.



Figure 8 – This window is the result of clicking an INFO link

Step 6. Select the correct filter value for each component, and when done, press **Save changes**.

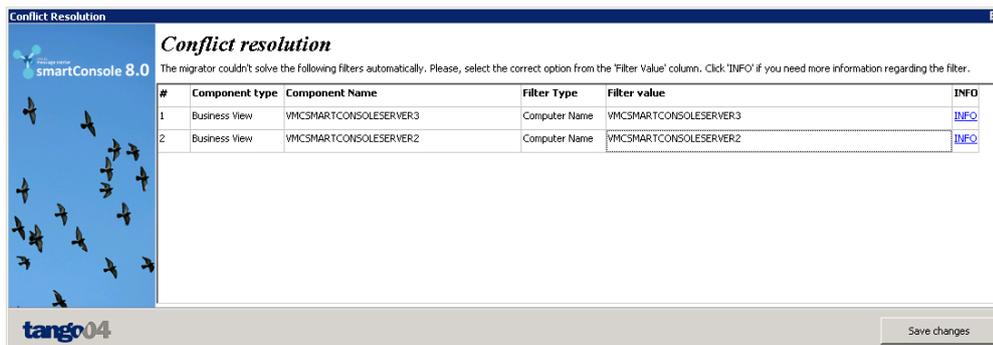


Figure 9 – In this example the filters are now correctly paired with their Business Views

Next you are prompted to save.

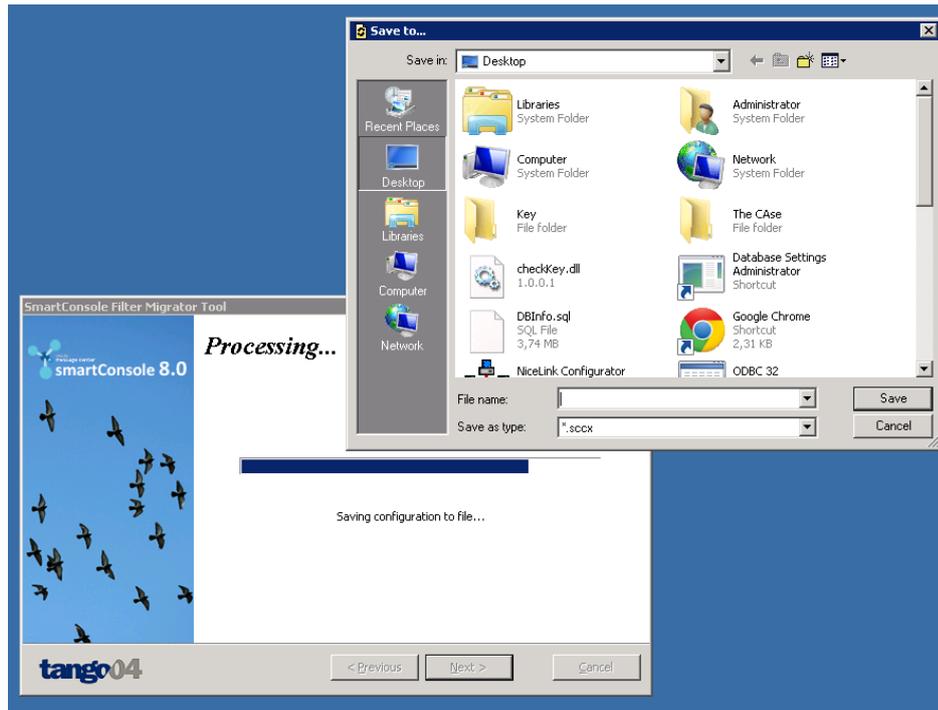


Figure 10 – Saving your new configuration to be imported

Step 7. Save the outputted configuration to your hard drive. This configuration will be a copy of your old configuration with all the filter changes done by the tool.

Step 8. Once done, you can click **Migration log** for more information about the migration process.



Figure 11 – Migration completed

The log informs you about all the changes made to your configuration.

```

60488 Loading data from data base...
60488 Loading data from ThinkServer...
60488 Extracting configuration from SCCX file...
60488 Loading configuration file...
60488 Generating and selecting candidates...
60488
60488 Found 2 conflicts that could not be automatically solved
60488
60488 List of conflicted components and changes made to them:
60488
60488 <Business View - VMCSMARTCONSOLESERVER> has possible conflicts.
60488 Computer Name filter changed from <VMCSMARTCONSOLE> to <VMCSMARTCONSOLESERVER>
60488 -----
60488 <Business View - VMCSMARTCONSOLESERVER3> has possible conflicts.
60488 Computer Name filter changed from <VMCSMARTconsole> to <VMCSMARTCONSOLESERVER3>
60488 -----
60488 <Business View - VMCSMARTCONSOLESERVER2> has possible conflicts.
60488 Computer Name filter changed from <VMCSMARTCONSOLE> to <VMCSMARTCONSOLESERVER2>
60488 -----
60488 Migration Finalized! #####

```

Figure 12 – In this example two conflicts were solved manually and one automatically.

Step 9. If you have more than one ThinkServer you will need to run the migration tool as many times as ThinkServer databases exist. You will need to use the resulting configuration file from the Filter Migration Tool as the input configuration file each time.

If you only have one ThinkServer (and you have already run the tool) than you can skip this step.

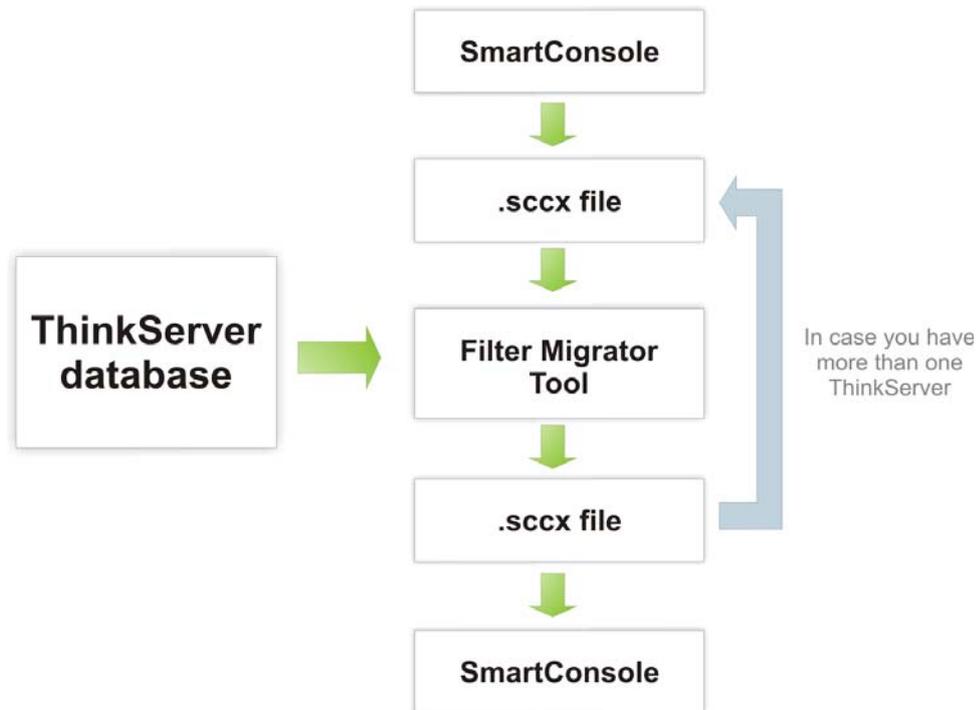


Figure 13 – Recycle your outputted .sccx file each time you run the migrator tool until you have run it for all of your ThinkServers

Step 10. Once finished, import the resulting SmartConsole configuration (.sccx) into your SmartConsole.

Your filters will no longer be truncated to 15 characters.

Appendix A

Contacting Tango/04

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About Tango/04 Computing Group

Tango/04 Computing Group is one of the leading developers of systems management and automation software. Tango/04 software helps companies maintain the operating health of all their business processes, improve service levels, increase productivity, and reduce costs through intelligent management of their IT infrastructure.

Founded in 1991 in Barcelona, Spain, Tango/04 is an IBM Business Partner and a key member of IBM's Autonomic Computing initiative. Tango/04 has more than a thousand customers who are served by over 35 authorized Business Partners around the world.

Alliances



Partnerships

- IBM Business Partner
- IBM Autonomic Computing Business Partner
- IBM PartnerWorld for Developers Advanced Membership
- IBM ISV Advantage Agreement
- IBM Early code release
- IBM Direct Technical Liaison
- Microsoft Developer Network
- Microsoft Early Code Release

Awards



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