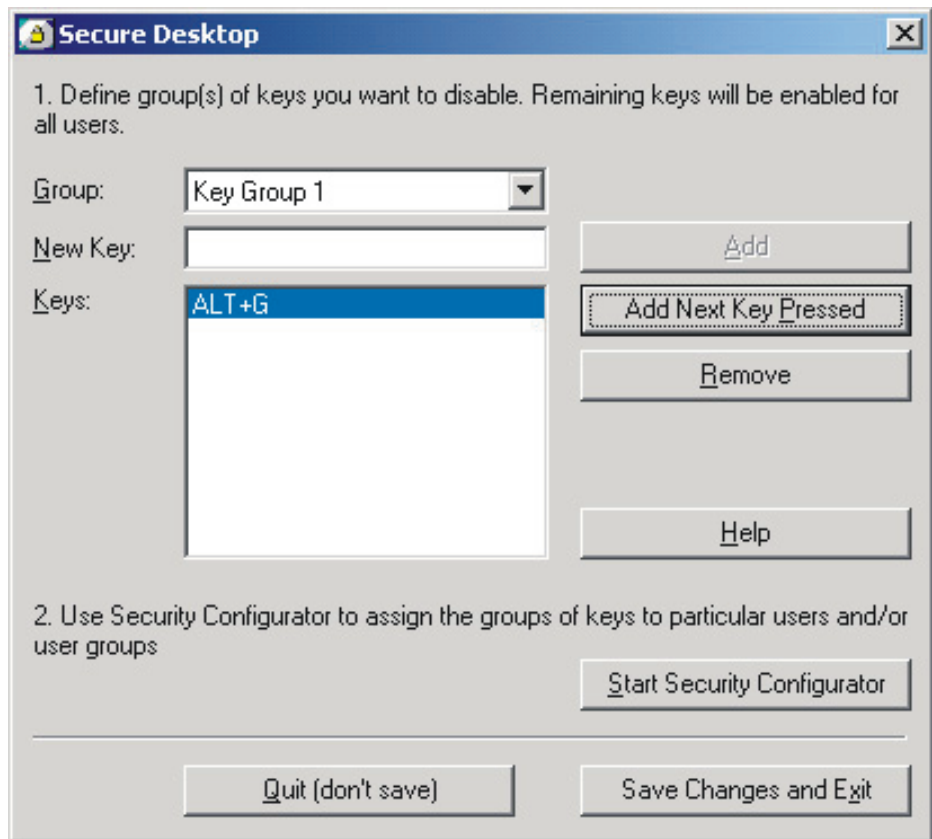


# Secure Desktop

smar  
FIRST IN FIELD BUS

## Secure Desktop



JUN / 04  
Secure Desktop  
VERSION 7.1



P V I E W S D T M E



Specifications and information are subject to change without notice.  
Up-to-date address information is available on our website.

web: [www.smar.com/contactus.asp](http://www.smar.com/contactus.asp)

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# Secure Desktop

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## Secure Desktop

### Introduction to Secure Desktop

The Smar Secure Desktop utility is included in the ProcessView installation. It is linked to the ProcessView security system and ProcessView Tray. The purpose of the Secure Desktop utility is to disable manipulation within Windows for selected ProcessView users.

### Main Features of Secure Desktop

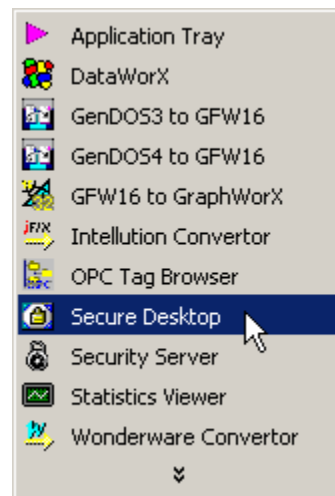
The Secure Desktop utility can be used to:

- Disable the desktop by disabling the Start button as well as system shortcut keys, including ALT-TAB, CTRL-ESC, ALT-ESC, CTRL-ALT-DEL, and the Windows keys.
- Configure up to four groups of keys and disable them to particular ProcessView users. (This option only works in Windows NT.)

The Secure Desktop utility consists of two parts: the Secure Desktop itself and the Secure Desktop Configurator. The Secure Desktop can be run as a regular application or as an NT service (on Windows NT). The Secure Desktop function can be started or stopped from ProcessView Tray.

### Starting the Secure Desktop Configurator

To open the Secure Desktop Configurator from the Windows **Programs** menu, choose **Smar - ProcessView - Tools - Secure Desktop**, as shown below.



*Figure 1. Starting the Secure Desktop Configurator*

### Using the Secure Desktop

The following are typical steps for configuring and using Secure Desktop:

1. Define up to four groups of keys that should be disabled using the Secure Desktop Configurator.
2. Use the Security Configurator to assign particular users to those groups of keys. The keys (belonging to a group of keys) will then be disabled for the users that are not assigned to that group.
3. Use the Security Configurator to define users that will not have access to the desktop.
4. Assign the users rights to start and stop the Secure Desktop.

## Configuring Key Groups

Use the Secure Desktop Configurator ("SecureKeyCnfg.exe"), shown below, to define the groups of keys that are to be disabled.

1. Select the group you want to modify in the **Group** down list box. Then either click the **Add Next Key Pressed** button and press the desired key, or type the key name into the **New Key** field and click the **Add** button.
2. Click the **Save Changes and Exit** button to store the keys. You may also start the Security Configurator before to assign users to the groups of keys.
3. The groups of keys are stored in the "SecDeskKeys.cfg" file. You may change the location of this file by selecting the **Config File Directory** option from the system menu.

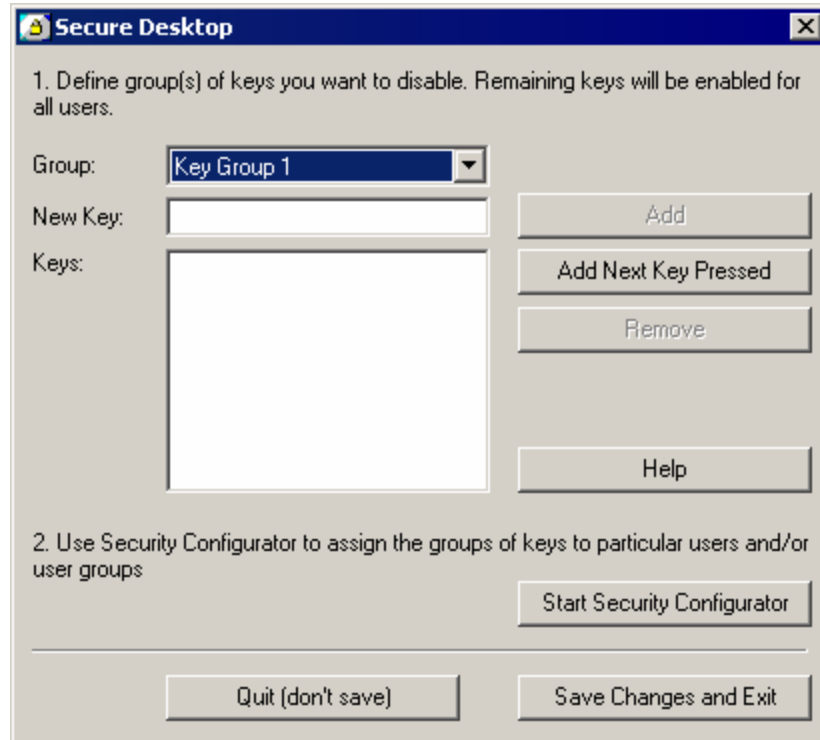


Figure 2. Secure Desktop Configurator

### Hints

- Define as few groups as possible. It is not necessary to use all of them if you do not need them.
- Keys that are enabled for all users should not be in any group
- Do not define system key combinations (such as ALT-TAB) in the groups. To disable them, disable the whole desktop.
- If you have defined user groups in your ProcessView system (e.g. "operators," "power operators," "administrators," etc.) define the groups of keys that correspond to the user groups.

## Assigning Rights Using the Security Configurator

In the Security Configurator, select **Application Actions** from the **Edit** menu. Then, using the **Move** button, assign particular users to the groups of keys. Find the groups the **Secure Desktop** item in the left-hand tree. The keys from a particular group will be enabled for the users assigned to that group. Similarly, define the rights for **Full Desktop Access** and for starting and stopping Secure Desktop.

### Note

The key groups may be modified even after assigning the user rights. The definition of the groups of keys and the right assignment are independent.

## Running Secure Desktop

You can start or stop the Secure Desktop using ProcessView Tray. You may also choose to have the Secure Desktop run as an NT service. Once the Secure Desktop is started, the desktop access and some keys may be disabled; this depends on the rights assigned to the currently logged-in user. To log in, start the Security Login application. When the desktop is secured, this application may be inaccessible to the current user. In that case, press CTRL-ALT-DEL, and after canceling the system dialog the Security Login application will be launched.

### Note

The system dialog always appears after pressing CTRL-ALT-DEL. This behavior cannot be suppressed. But anything but the **Cancel** button is grayed out when the desktop is secured.

