25 TermSecure

25.1 TermSecure Overview

TermSecure is a ThinManager feature that allows users to logon to a thin client and access user-specific or terminal-specific Display Clients. This does not replace the Windows logon, but adds an additional layer of security and control.

TermSecure has two main strategies:

- **SecureAccess** or **Terminal-specific Applications:** You can assign a display client to a terminal and keep it hidden from operators with Permissions. A user with the proper TermSecure credentials will be able to reveal and access the hidden application.

  An example would be a recipe program that would allow a supervisor to initiate a product change. This belongs to the station on the floor but you want to prevent users from initiating the change.

- **SmartContext** or **User-specific Applications:** You can assign Display Clients to a TermSecure user and they can get access to it from any terminal in the plant. This can be initiated by either manual login or the use of an authentication device.
  This allows a user to leave one terminal, logon to a different terminal, and reconnect to their session, essentially having the session follow him from terminal to terminal.

  An example would assign a session with reports to a quality control worker who could login anywhere and retrieve their reports.

SecureAccess or **Terminal-specific Applications** are controlled with **Permissions**.

SmartContext or **User-specific Applications** are controlled by adding the Display Client to the TermSecure User configuration.

Note: TermSecure requires the usage of Display Clients instead of using individual terminal servers.

Five licenses of TermSecure are included with each Master License activation. Additional TermSecure licenses can be purchased to add to the Master License.

25.2 Users Types

There are three types of users in a ThinManager system. **Windows Users** and **TermSecure Users** are important to TermSecure.

25.2.1 Windows Users

Windows Users are the Microsoft accounts created in Windows that allow access to the Windows terminal servers. These are configured within Windows and authenticated by Windows. They can be given varying levels of access and power using Windows User Groups and Group Policies.

25.2.2 TermSecure Users

TermSecure Users are users who can go to a thin client and receive access to specific Display Clients due to their membership in a TermSecure Access Group. The login and authentication is done by ThinManager a level above the Windows login.

TermSecure grants and limits access to terminals and Display Clients but a Windows User login is still required to actually logon to the terminal server.

25.2.3 ThinManager Security Group Users

ThinManager Security Group Users are Windows User Group members who have been configured in the ThinManager Server Configuration Wizard to have varying levels of access and control within the ThinManager program.

These groups are configured on the **ThinManager Security Groups** page of the **ThinManager Server Configuration wizard**. See ThinManager Security Groups for details.

25.3 Deploying TermSecure

TermSecure may require a number of steps to configure and deploy TermSecure:

1. TermSecure Access Groups can to be created to use Permissions (optional).
    See Creating Permissions Groups for details.

2. Terminals can be assigned TermSecure Access Groups to limit access to specific users (optional).
    See Permission Groups for Terminals for details.

3. Display Clients can be assigned TermSecure Access Groups to limit access to specific users (optional).
    See Permission Groups for Display Clients for details.

4. TermSecure Users need to be created.

5.   TermSecure Users can be assigned to TermSecure Access Groups (optional).
    See TermSecure User Configuration Wizard for details.

6. A Login strategy needs to be put in place. The TermSecure User can use the Terminal Login, their TermSecure login, or a Windows login to access the terminal servers.
    See Windows Login Information for details.

7. USB drives and ProxCards, if used, need to have the identification number entered in their configuration (optional).
    See Card/Badge Information for details.

8. The TermSecure User can then login to a thin client using TermSecure
    TermSecure prompts the TermSecure User to login to the terminal servers using a Windows User account, or it will pass the pre-configured Windows User account information to the terminal server for auto-login, based on the login strategy selected.

9. The TermSecure User is granted access to all Display Clients that share the same TermSecure Access as the TermSecure User, and is denied access to Display Clients that they don't share a TermSecure Access Group membership.