How To:
Migrate to GTSC
Upgrading GRDPclient based installations to GTSC

Introduction

In Service Pack 3 for Microsoft Windows XP and SP1 for Vista Microsoft included a new version of MS Terminal server DLL (mstscax.dll). On XP SP3 and Vista SP1 the „old" Giritech RDP Client - GRDPClient will fail to run. The new Giritech Terminal Server Client – GTSC (introduced with G/On version 3.4) must be used instead of GRDPClient which was still included with G/On version 3.4 for legacy support reasons only. This document outlines how to migrate to the new Giritech Terminal Server Client – GTSC.

Benefits

Top 5 reasons to migrate to GTSC when comparing to the "old" GRDPClient:

1. GTSC is highly customizable. Please see attached document and follow the link below for more information.
2. GTSC now supports autologin (single sign-on) on restricted (standard/non-admin) user account.
3. GTSC uses Native Microsoft terminal server DLL already registered on the system, therefore no mstscsax.dll is required on the G/On client (USB or Desktop).
4. GSTC now has corrected minimize and maximize functionality.
5. GTSC has improved performance.

How To guide

The symptoms of the issue are typically that some users are experiencing a white and frozen window after normal RDP logon. When running Windows XP SP3 the connection to the terminal server fails and a blank picture is shown. The same behaviour will be seen on Vista SP1 installations.

As no automated migration procedure is possible, each "old" GRDPClient menu action needs to be migrated to the new GTSC menu actions manually (please refer to standard G/On manual for details on the admin user interface referred to in the following).

1) Use "Application creator" button on the first TAB in the GOnAdmin to create new GTSC application string (Application Creator -> Terminal Services).

or

Use this example string (same as created with the Application creator):

```
8;%Server,mustedit%;3389;3389;tcp;GTSC;GTSC;;%GONPATH,noEdit%\gtsc.ex
e;/server:127.0.0.2 /serverport:%PORT,noEdit%
/username:%USERNAME,noedit% /encpassword:%ENCPASSWORD,noedit%
/domain:%Domain,mustedit%
%Fullscreen,forceselect[Off|/fullscreen,default]%
/width:%Width,forceselect[90|100,default|1024|1280|1600]%
/height:%Height,forceselect[90|100,default|768|1024|1200]%
/title:%ApplicationTitle,mustedit,noblank%
/Startprogram:%App_to_Start,mustedit%
/AdvSettings:RedirectDrives=%RedirectDrives,forceselect[True,default|
False]%,RedirectPrinters=%RedirectPrinters,forceselect[True,default|F
alse]%;True;False
```

2) Use new GTSC application string (template) to create the new GTSC terminal server connections (GTSC menu actions).

3) Insert/copy real values (for e.g. server name or IP, or domain) from "old" GRDPclient menu action to the new GTSC menu action.

The string above can be modified according to your needs, using the extensive list of advanced parameters available on this link:

http://msdn2.microsoft.com/en-us/library/aa383022(VS.85).aspx

Note: you can also use GTSC client without G/On.

Use command line - CMD to run gtsc.exe with the values or switches you need.   For e.g. c:\GOnclient\gtsc.exe /server:[terminal_server_name_or_IP] /width:90 /height:90

Note: *Read Write (REMOVABLE) partition of G/On USB key or Applications folder on G/On Desktop folder cannot be updated, empty, not formatted or even not mounted IF only terminal server connection(-s) are configured on the G/On server using new GTSC client. Please consult Giritech Support regarding this "advanced" feature.*

More information

The GTSC string above can me modified according your needs using extensive list of parameters available here:

Advanced Parameters

Not a total list but some of the interesting ones (find you own here: http://msdn2.microsoft.com/en-us/library/aa383022(VS.85).aspx):

You can always test any of setting running gtsc client directly without G/On involved for e.g. gtsc.exe /server:x-serv /advsettings:connecttoadministerserver=true,MaximizeShell=1

For more information on how to configure G/On with split DNS please contact Giritech Support: support@giritech.com