



TSPlus 2009: Release 3.10

Key new features for a major Milestone in the Server Based market place

Over all of existing and advanced TSplus features already delivered by TSplus, the following addendum user guide describes the five new features of TSplus release 3.10.

- 1) **Nice looking Remote Desktop for a better user satisfaction**
- 2) **Fast and very easy file transfer between the user and the server**
- 3) **The most complete and easy to use Administration Tool**
- 4) **Advanced Security options included in TSplus**
- 5) **HTTP and Internet access to the TSplus server**
- 6) **New TSplus user access client program**

TSplus is easiest and the most inexpensive alternative to Citrix/TSE. With the release 3.10, it is also a rich and multi-functional product able to be adapted to any specific requirement.

It benefit from a long experience of customer expectations and our decision to integrate the most valuable capabilities into a solid and robust Application Publishing and Remote Access product.

Our pride ad happiness is to receive every weeks very positive comments from our customers all of over the world. It was our motivation when we decide to invest in these new enhancements and we are pleased to share it now to every one.

TSplus 3.10 is now supporting the following Operating Systems as server:

- XP Home,
- XP Professional 32 and 64 bits
- VISTA Professional, Corporate or Ultimate 32 and 64 bits
- SBS 2003 32 and 64 bits
- Windows 2003 Server with TSE CALs

We are working on Windows 7 and we will support it very soon as well as Windows 2008 SBS.

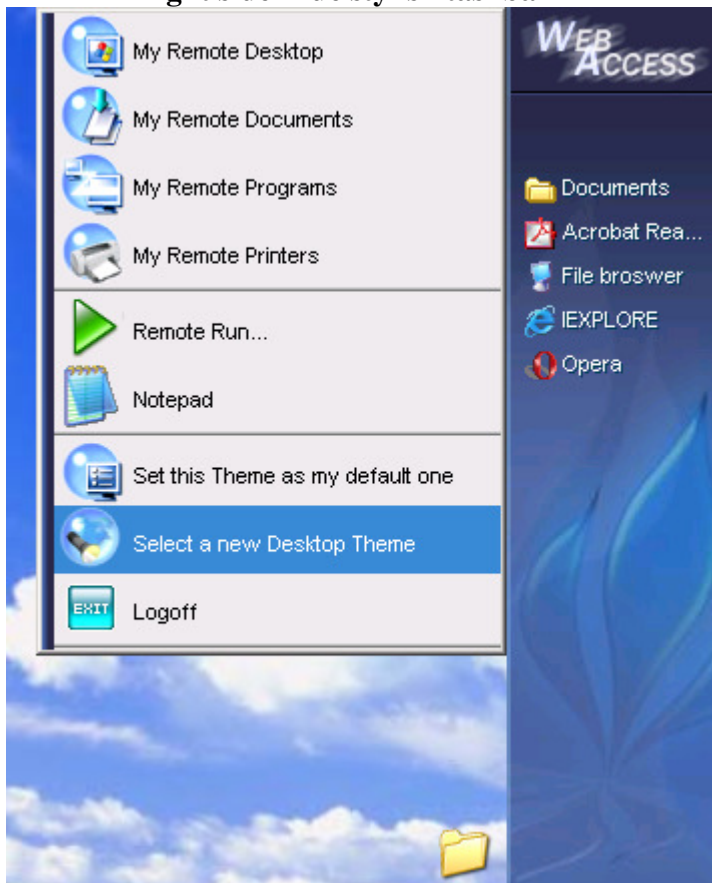
Nice looking Remote Desktop for a better user satisfaction

- **Tree Desktop themes specially design for Seamless Application Publishing**
- **Tree stylish Full Screen Remote desktop designed for thin client or RDP sessions**

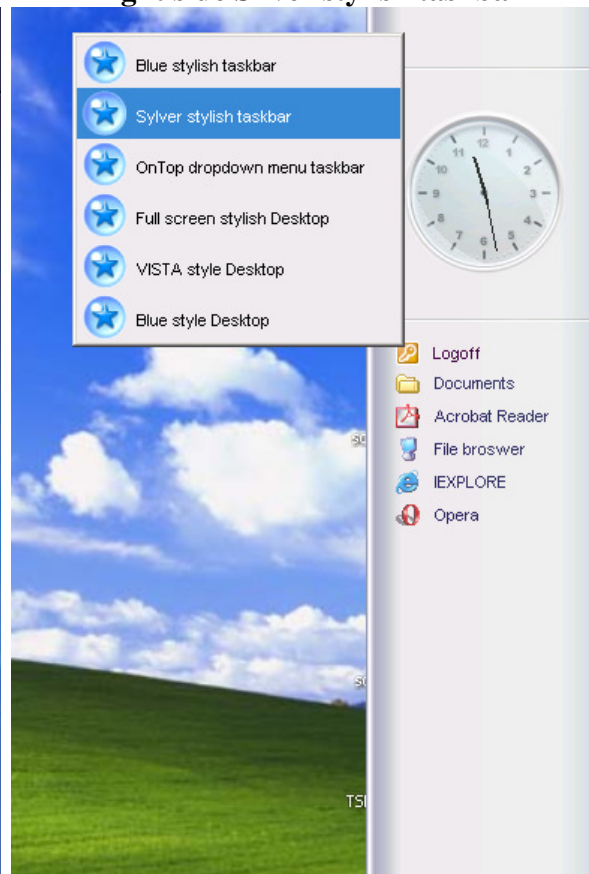
Seamless connection program:

The user can select 3 different style of Remote Desktop TSplus Taskbar. These nice looking TSplus Taskbar are greatly appreciated by users when the session is open with a Seamless TSplus connection program. The users launch remote applications with one click on the TSplus taskbar and still have his full local Desktop available.

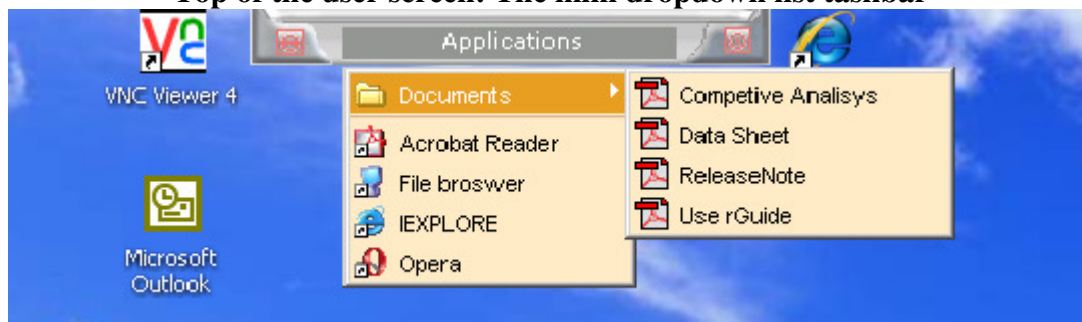
Right side Blue stylish taskbar



Right side Silver stylish taskbar



Top of the user screen: The mini dropdown list taskbar





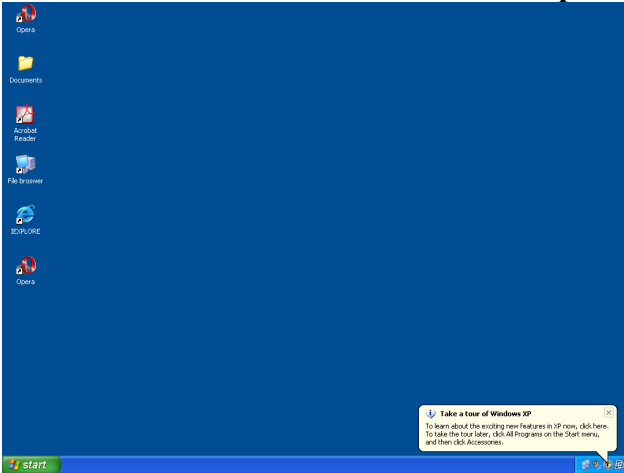
Thin-client or any RDP based connection program

The user can select 3 different styles of full screen nice looking Remote Desktop. He can also have a standard Microsoft Remote Desktop.

Because these TSplus Desktop are full screen, it able to adorn the user display when a session is open from thin-clients, any RDP based client, an access from Internet or TSplus Remote Desktop clients.

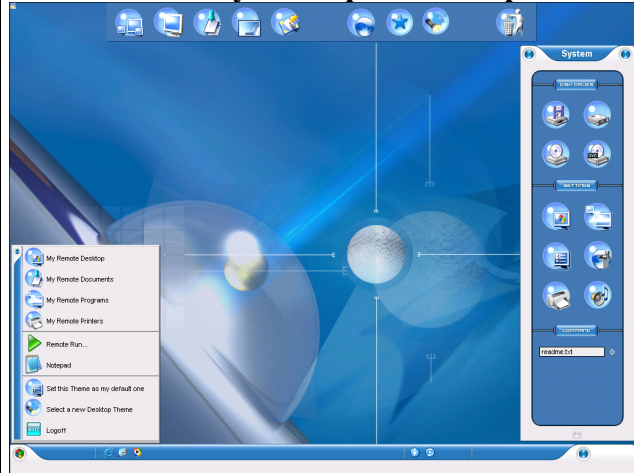
Over the benefit to be much nicer than a standard Remote Desktop, it enhances the server security (no START button neither full control of the Desktop). More, the Administrator can customize the theme logo by replacing by with its own corporate logo.

Standard Microsoft Remote Desktop



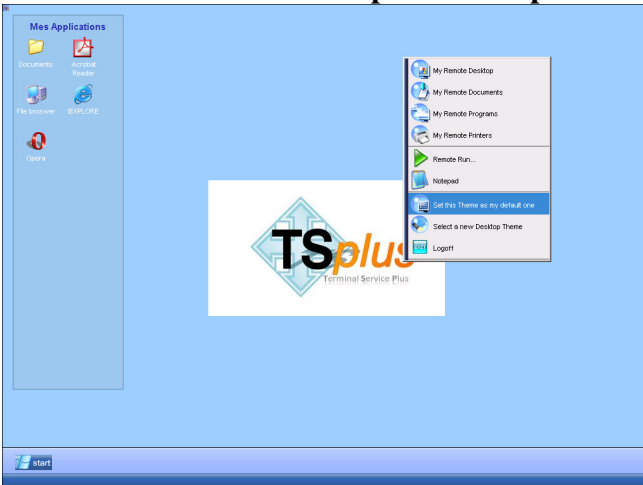
The user have a complete desktop including Start Button and full control of his desktop

Blue Stylish TSplus Desktop



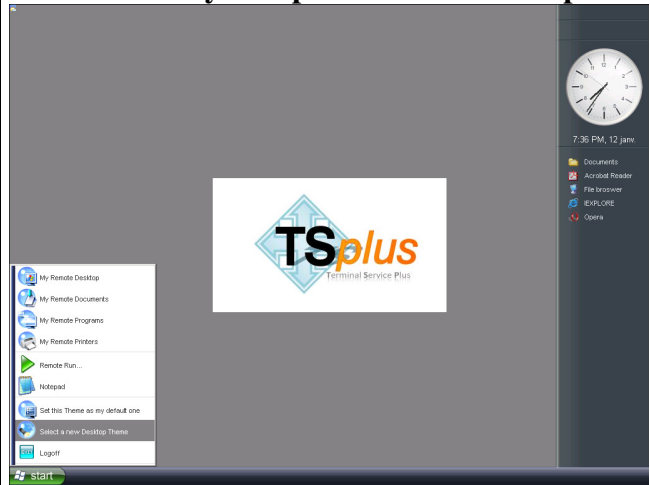
The user in under Application Control defined by the Administrator

Blue Full screen TSplus Desktop



To customize this theme, the Administrator can replace the logo to display the Corporate logo

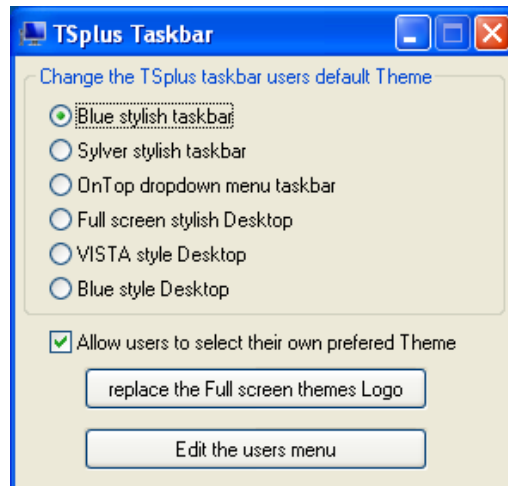
VISTA style TSplus Remote Desktop



To customize this theme, the Administrator can replace the logo to display the Corporate logo

Administrator tools on the server:

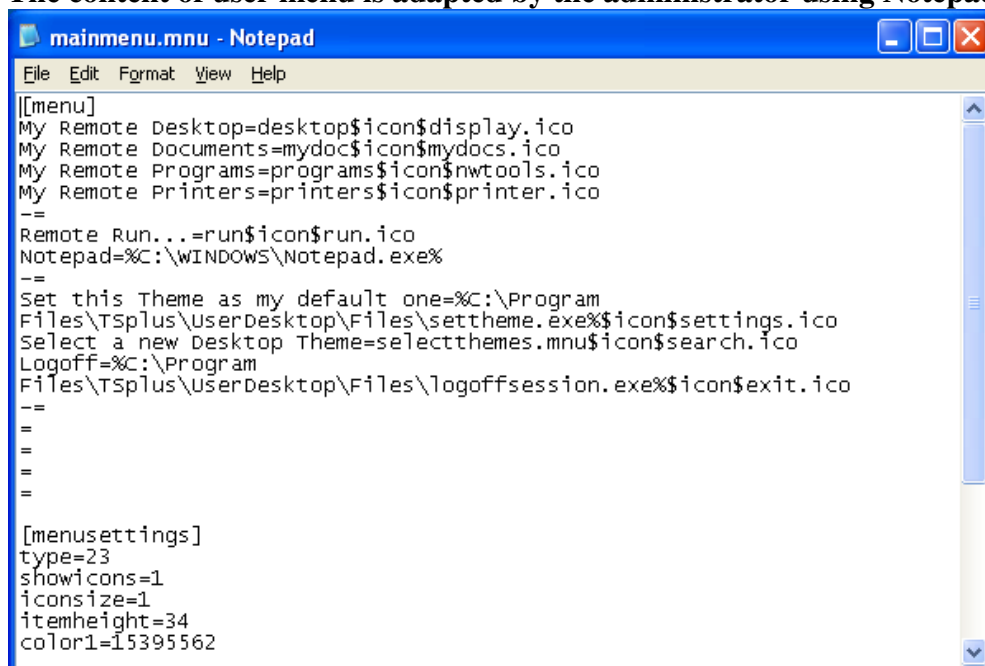
With the AdminTool, the Administrator can easily decide what will be the default Remote Desktop theme the user will see when opening a session.



Within a session and from this default Remote Default Theme, the user can select an other theme and switch to a new one. He is also able to decide himself what will be his favorite default theme. The Administrator can prevent users to select their own themes.

By editing the users menu, the Administrator can add/suppress applications and functionalities. Customization of the users menu is also very easy. My Remote Desktop=... could be replace by Desktop Folder=... or can be localized with the country language.

The content of user menu is adapted by the administrator using Notepad



```

[[menu]
My Remote Desktop=desktop$icon$display.ico
My Remote Documents=mydoc$icon$mydocs.ico
My Remote Programs=programs$icon$nwtools.ico
My Remote Printers=printers$icon$printer.ico
--
Remote Run...=run$icon$run.ico
Notepad=%C:\WINDOWS\notepad.exe%
--
Set this Theme as my default one=%C:\Program
Files\TSplus\UserDesktop\Files\settheme.exe$icon$settings.ico
Select a new Desktop Theme=selectthemes.mnu$icon$search.ico
Logoff=%C:\Program
Files\TSplus\UserDesktop\Files\logoffsession.exe$icon$exit.ico
--
=
=
=
=

[menusettings]
type=23
showicons=1
iconsize=1
itemheight=34
color1=15395562

```

Fast and very easy file transfer between the user and the server

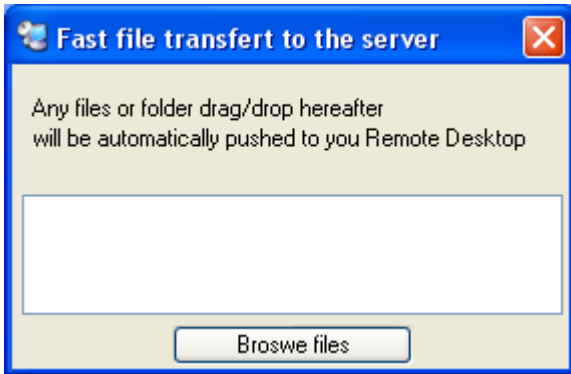
TSplus 3.10 includes a unique capability to easily send files:

- F8** function key: From the local user workstation → to the user Remote Desktop
 Or
Shift F8 function key: From the TSplus server → to the local user Desktop

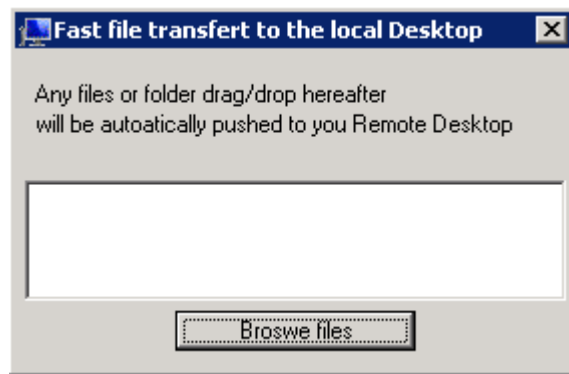
Because these file transfer are based on a Virtual Channel, it 10 times faster than a file copy, and it can be done even when the local user disk drives are not mapped.

To transfer files or folders is very easy: it is just a drag & drop

F8: From the user to the server

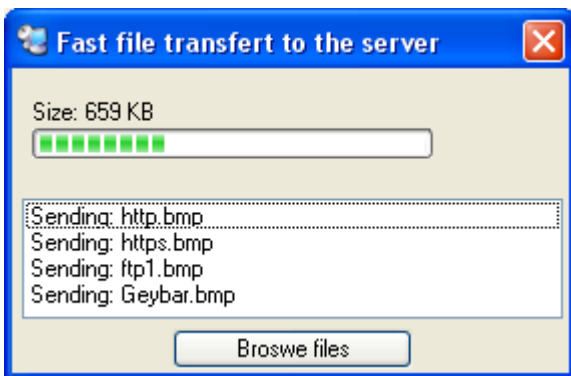


Shift F8: From the server to the user

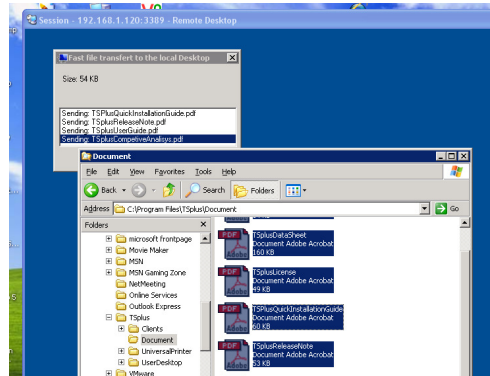


Drag & drop files or folders is just a drag & drop action on the user finger tip

From the local workstation to the Server



From the Server



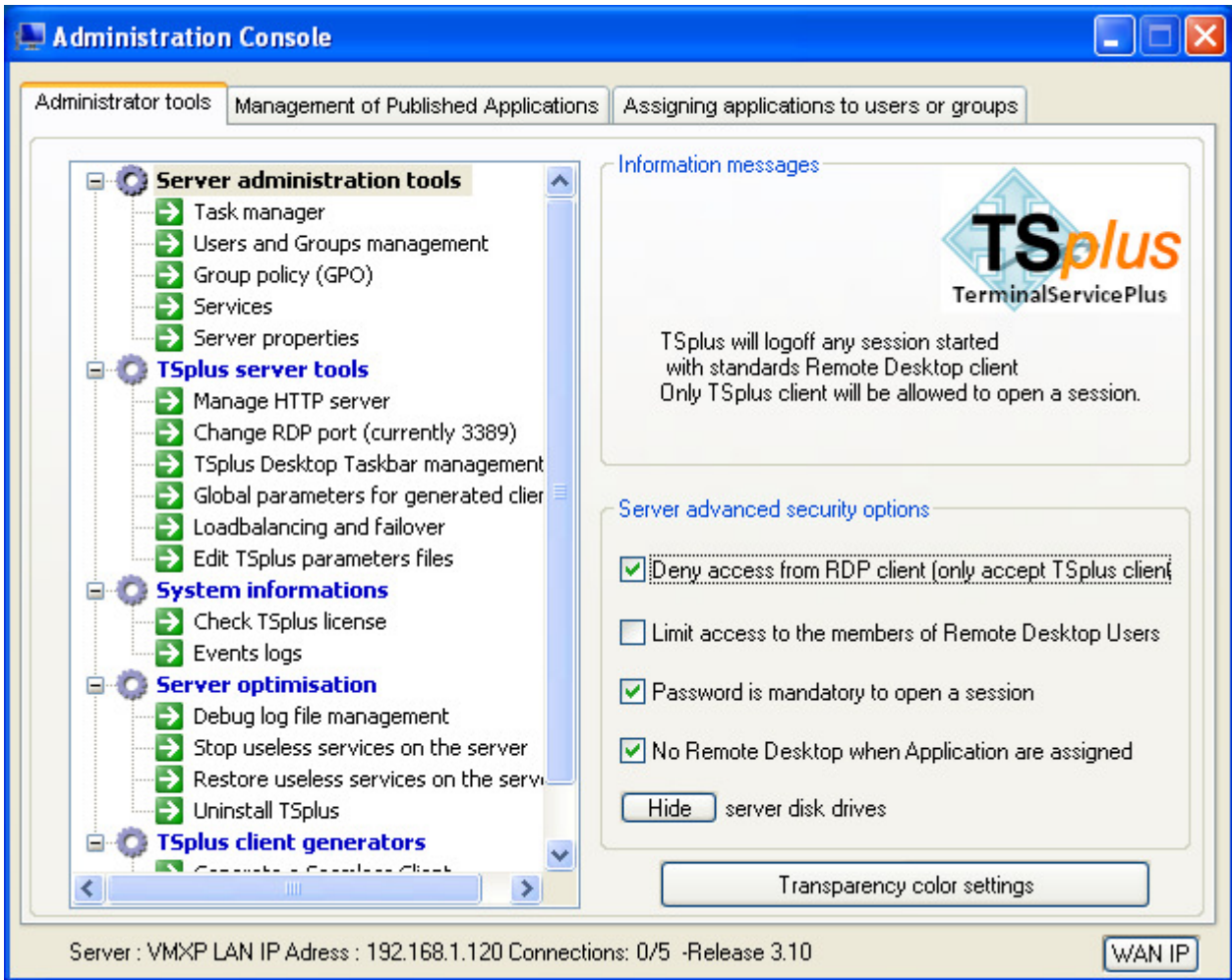
The administrator can change the function key (F8 as default) assigned by TSplus to start the file transfer user wizards. To do so, he just has to change on setting of the AppControl.ini file

```
[Security]
block_mstsc=
http=on
https=on
hotkeyFTP=F8 can be change to F7 or F6 to avoid conflict with an other application
```



The most complete and easy to use Administration Tool to effectively manage your Server

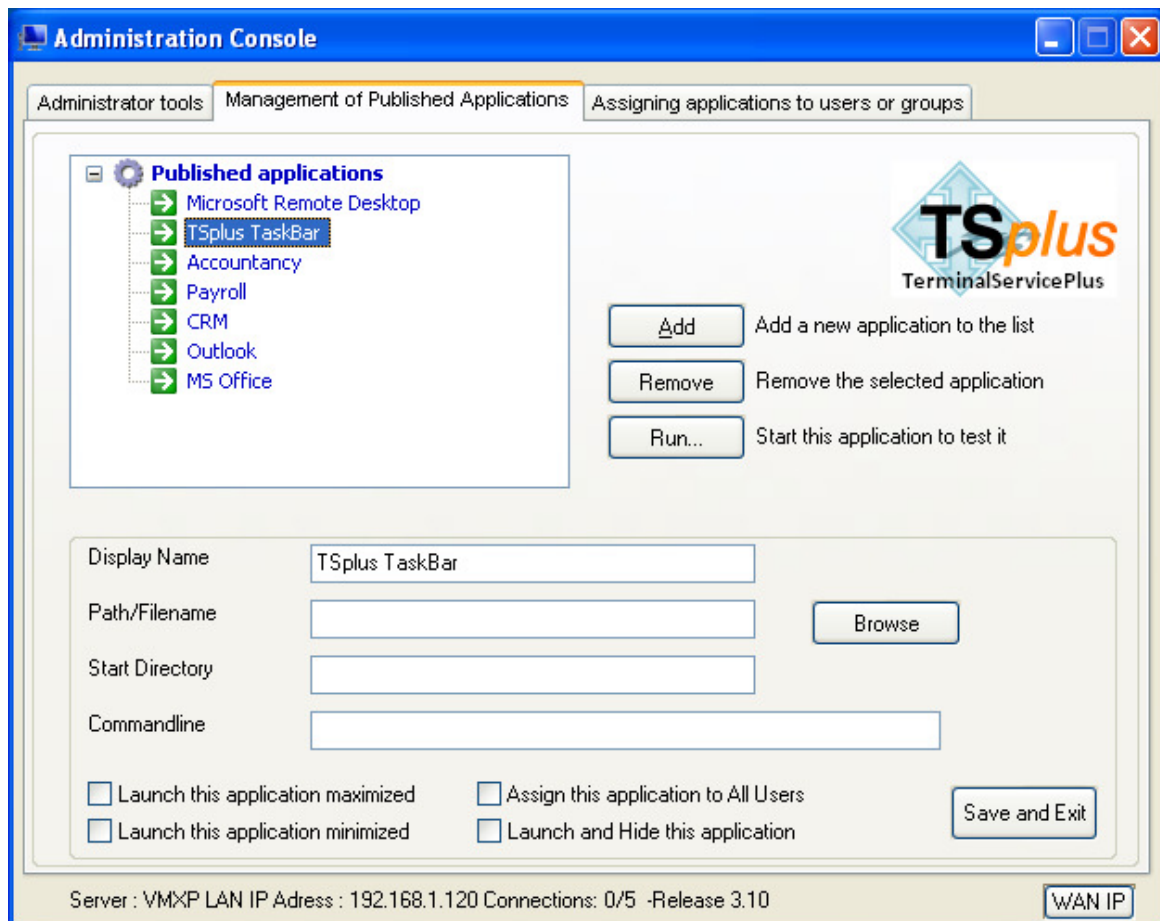
The AdminTool is the central control panel to effectively manage all features of your TSplus server. Based on our customer wishes, it has been improved dramatically with the 3.10 release of TSplus and enables very advanced capabilities.



The first form when opening the AdminTool gives you most of Server Based computing requested functionality. One click access to all possible Windows administration tools to create users or groups, to start/stop services, to change the server Group Policies. The TSplus server tools enable to set all specific server capabilities. The server advanced security options enable to easily set security rules to prevent unwanted users to be able to open a session on the server.

The second section of the AdminTool is an important one.

It enables to declare an inventory of application that you want to be published on this server. You can Add, Remove or locally Test one selected application. So, if you want to do Application Control, the first action is to create this list of applications.

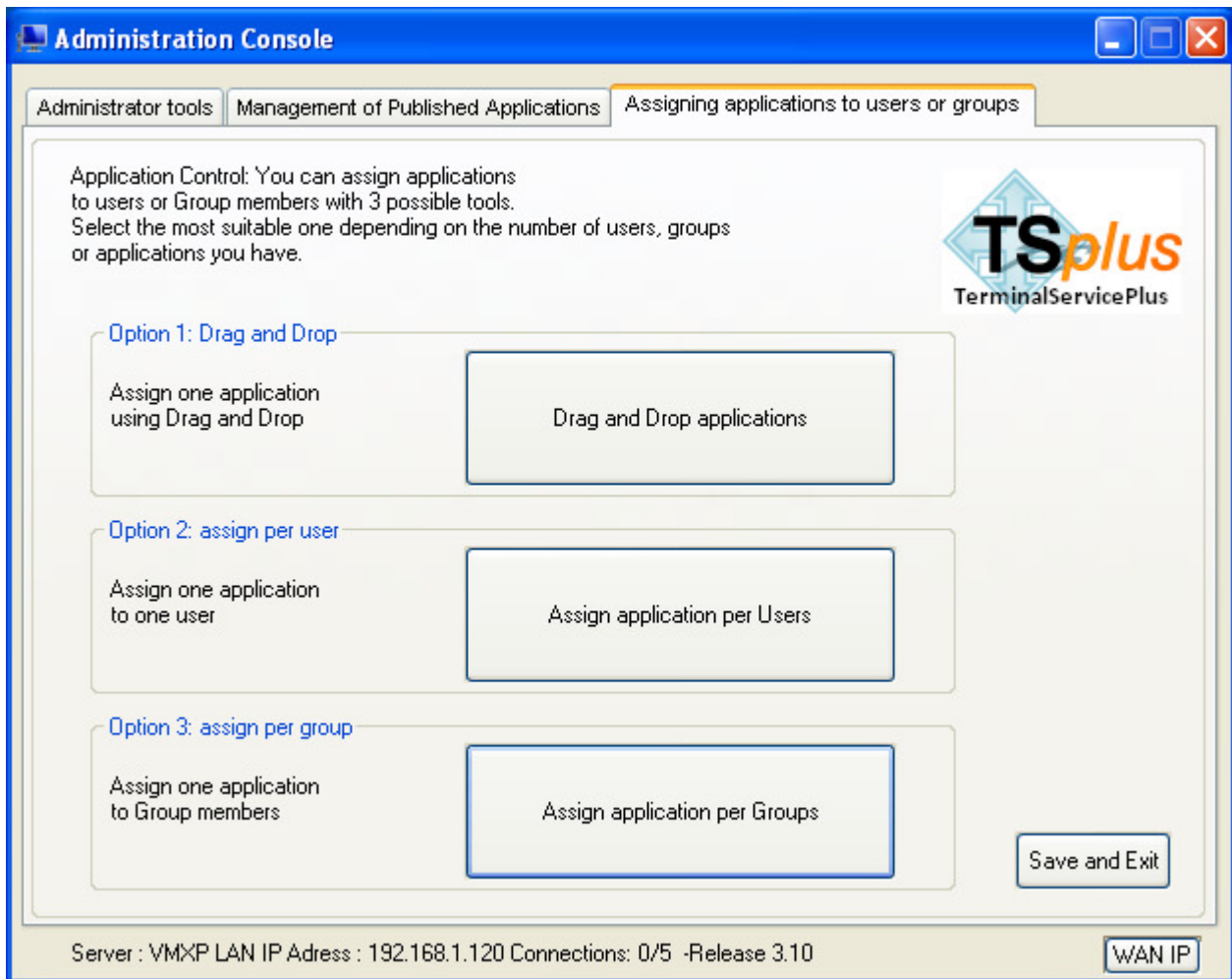


Note: TSplus supports 3 different kinds of Application Publishing

- Microsoft Remote Desktop. Basically, the users will see his full Remote Desktop will he will open a session. So the Application Control is not very strong.
- TSplus Taskbar. Any application, folder, shortcuts, documents... copied in the user Desktop folder will be published with the nice looking TSplus Remote Desktop rather than with the default Microsoft one. In such case, the user will not have any more capability than the ones decided by the administrator. So the Application Control is a much better one.
- Assign one, two, three, or more specific application to a user (or to a group members). In such case the user will just see their assigned applications when opening a session.

There is a priority rule to remember: The Microsoft Remote Desktop is the highest one, then the TSplus Taskbar and specific applications. If a user has specific application and TSplus taskbar or Microsoft Remote Desktop, he will not see the specific application because they have a lower priority.

The third section of the AdminTool has been deeply improved with the version 3.10 to make the Application Control easier and very efficient.

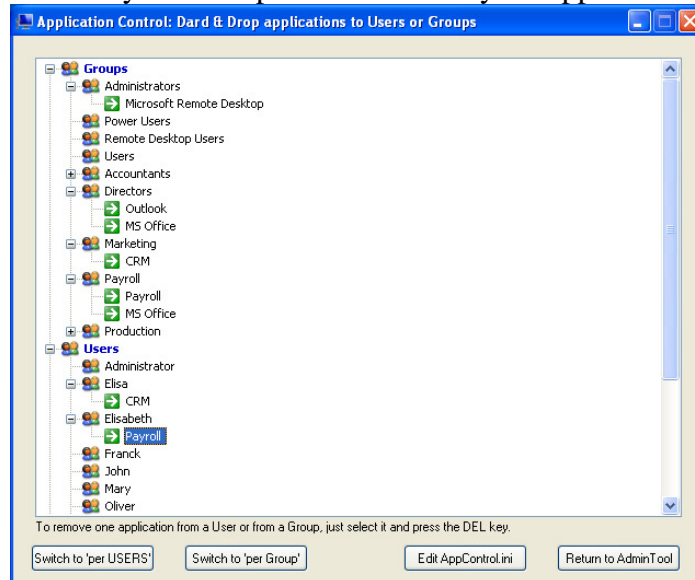


The administrator has 3 possible tools to publish applications and to assign them to a user or to Group members:

- **Using a Drag & Drop wizard:** You just drag an application and drop it to a user or a group.
- This is a good way to do it when you do not have too many applications, users or groups. It is also a quick way to visually check the current assignment panel.
- **Using a “Per User” wizard:** For each user, you just select/unselect listed application
- **Using a “Per Group” wizard:** For each group, you just select/unselect listed application

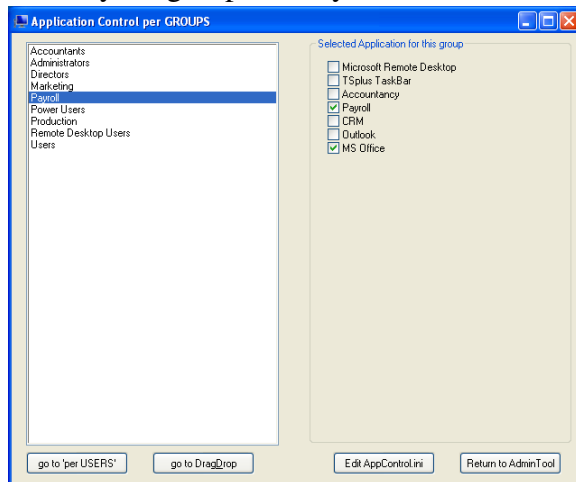
Drag & Drop wizard

In this example, the user Elisabeth will start the Payroll application when opening her session. Any members of the Payroll Group will start the Payroll application and MS Office.



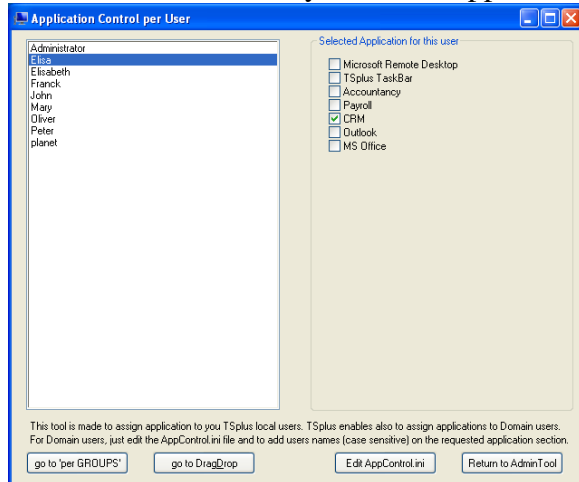
Per Groups wizard

The Payroll group has Payroll and MS Office



Per User wizards

The user Elisa has only the CRM application



Note: Specific point when using TSplus Seamless client: With the TSplus Seamless client, the users will not display the Microsoft Remote Desktop windows. Users will just see the applications assigned for them by the administrator.

- If a user has the right to use its default Microsoft Remote Desktop, the Seamless client will display a background color to avoid having both the Remote and the Local Desktop icons piled on his screen.
- If no application has been assigned to this user, TSplus will automatically use the TSplus Taskbar.
- If this user has specific applications assigned, he will just seamlessly see these applications when he will open his session.

Advanced Security options included in TSplus

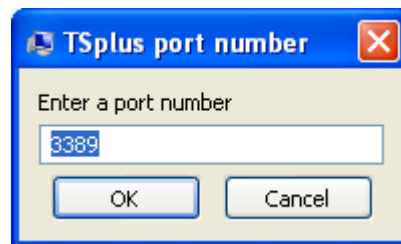
Securing any server is a non-ending story where every expert could add one more chapter.

TSplus benefits and is compatible with any existing security infrastructure in a company (Active Directory, GPOs, HTTPS servers, SSL or SSL telecommunication systems, VPN, access control with or without ID cards,...).

For our customers that want to secure easily their server, TSplus offer a set a simple and probably effective enough ways to enforce the good level of security.

Changing the RDP port number and setting up the firewall:

With the AdminTool, you can select a different port number. The default one is 3389. If you wish to use your server for nomad users, we recommend changing it to 443 because this port is usually open on firewalls. You can also select a very specific one assuming that it is not already used on your network and that you set the same port number on your firewalls and on each TSplus user access programs.

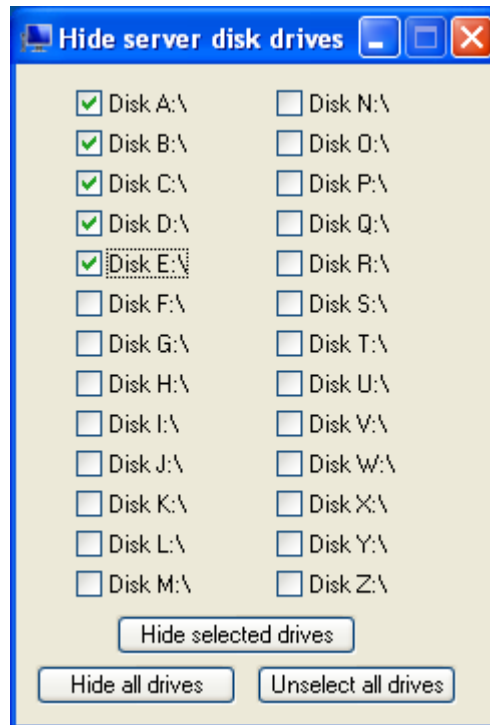


Server side security options:

- The AdminTool enables to deny access to any user that would not own a TSplus connection program generated by the administrator. In such case, any user that would succeed to open a session with any Remote Desktop client (which suppose that he would know the server address, the port number a valid logon and a valid password) will be disconnected automatically.
- The administrator can decide that only Remote Desktop User group members will be allowed to open a session.
- The administrator can decide that a password is mandatory to open a session.
- By a local Group Policy, the administrator can specifies whether to enforce an encryption level for all data sent between the client and the remote computer during a Terminal Services session. If the status is set to Enabled, encryption for all connections to the server is set to the level decided by the administrator. By default, encryption is set to High.

Hiding the server disk drives:

The AdminTool includes also a powerful tool, which enables to hide the server disk drives to prevent users to see folders.



The tool is a global one. It means that even the administrator will have to deal with this blind status after the tool being applied.

Please note 3 points:

The tool flags the disks drives as hide, but also it add the HIDDEN property to all of the root folders and users list in /Document and Settings/

If the administrator wants to see these files he must

First type the disk drive letter.

For example: D:\ ENTER and then he will see again his D disk.

Second, he must turn on its folder view properties to SHOW HIDDEN FILES AND FOLDER

TSplus access program security options:

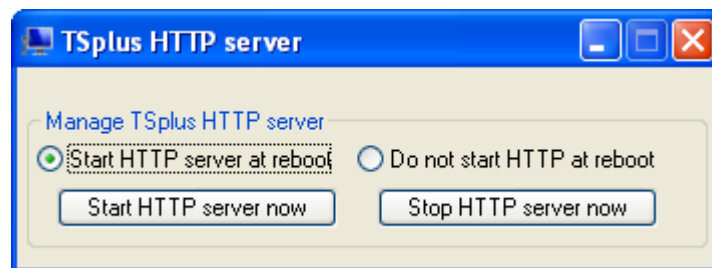
The TSplus client generator option gives the capability to lock the users access program:

- One a PC name. It means this program will not be able to start from any other PC
- One a physical drive serial number (PC or USB stick). This is a very easy and very powerful way to warrant a high level of security. The only way to connect is a specific program, and this specific program can start only on a specific USB stick. Some of our customer are delivering fingerprint USB stick to each of their users and each generated program is lock to the device serial number.

HTTP and Internet access to the TSplus server

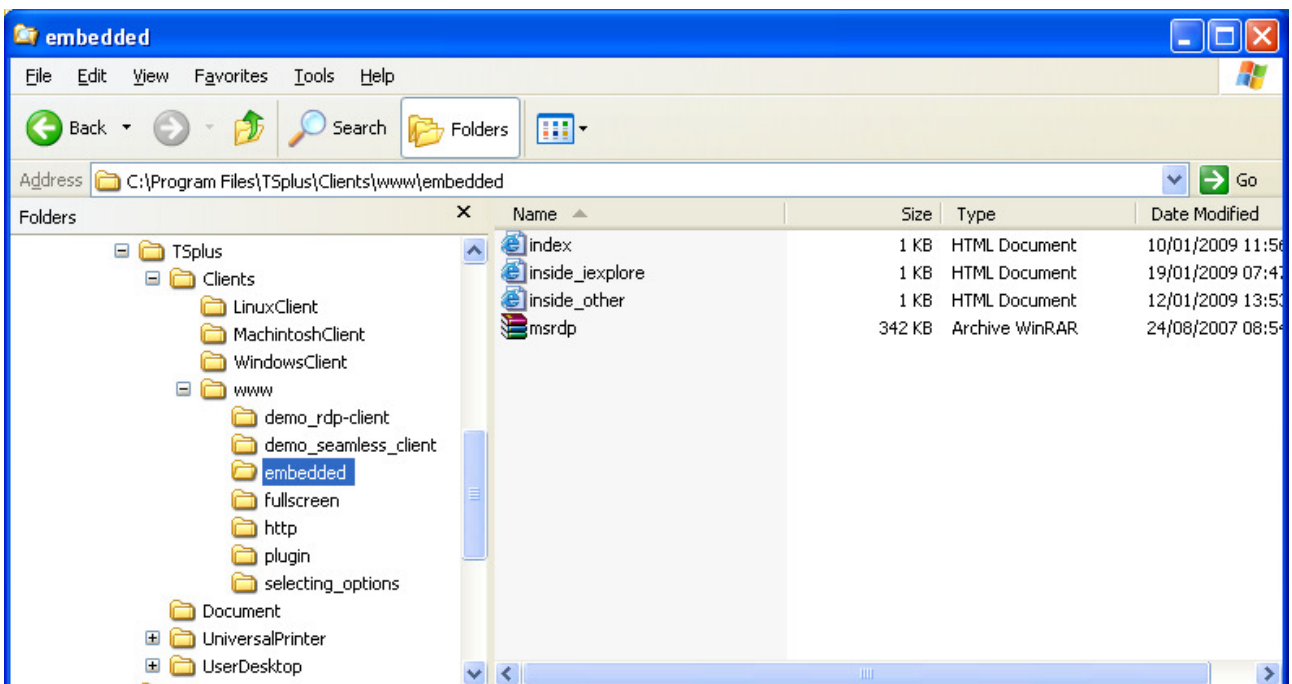
TSplus release 3.10 includes major enhancements to access the server using Internet browser like Internet Explorer, Opera, Netscape or Mozilla.

On XP or Vista servers, the TSplus web server is started automatically at each reboot. The AdminTool enable to start/stop the TSplus web server and to turn off the automatic start-up at reboot.



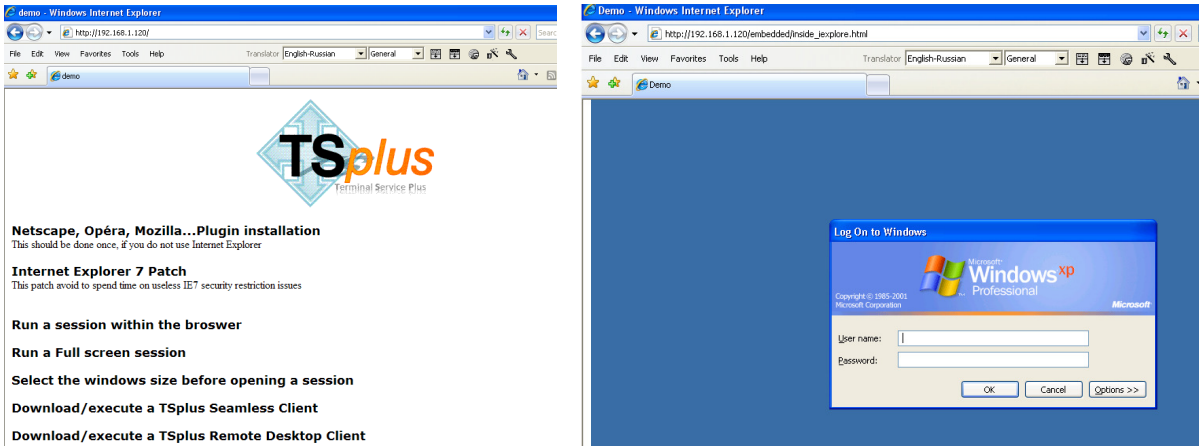
A very useful set of HTML pages has been created for TSplus customers to deliver “out-of-the-box” samples and ready to use web access to the server.

During the installation, these pages are automatically updated to set the current TSplus IP address and port number. So the system is ready to go on your LAN, and you can test it just using Internet Explorer with a URL like <http://192.168.1.120> (if this is your IP address). If you change your server IP address do not forget to change each HTML pages.

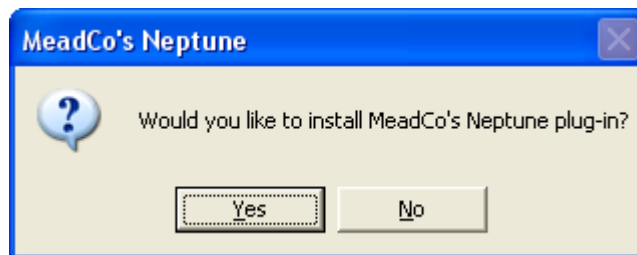
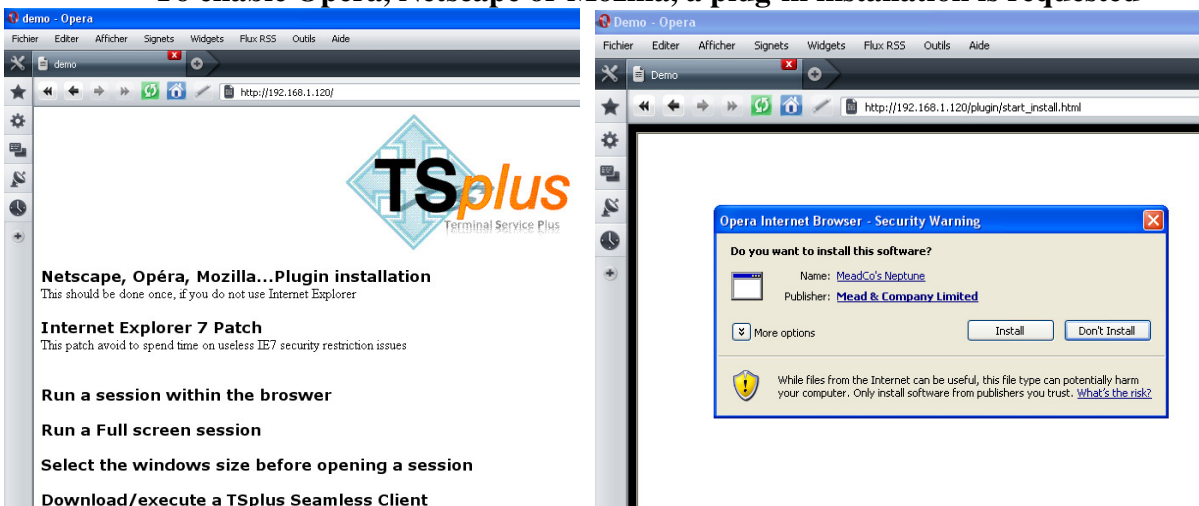




Opening a session using Internet Explorer (examples)



To enable Opera, Netscape or Mozilla, a plug-in installation is requested



After the plug-in installation the Microsoft ActiveX are supported by Opera, Netscape and Mozilla.

The HTML pages provided are samples that your Webmaster can use and edit to make their own application portal links. This is a useful and powerful web based capability. Each example includes the HTML code, which recognizes what is the user browser and which starts either the Internet Explorer code or the Netscape plug-in compatible one.

New TSplus user access client program

With the release 3.10, the TSplus Seamless and Remote Desktop user access program wrapper has been completely re-written to positively answer to our customers' wishes.

1) Universal Printer algorithms

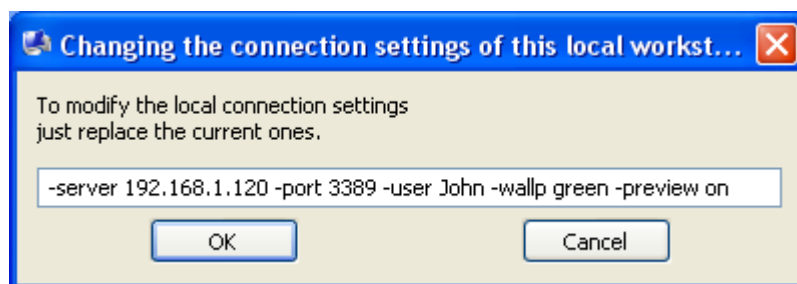
The new algorithms implemented in TSplus client access program have been deeply improved. In the former releases the local Acrobat Reader was used to locally print the received documents. Most printing issues was related to Acrobat version (5, 6, 7, 8 or 9) or Acrobat language (English, German, Spanish, Italian...), or because an Acrobat splash screen that was asking the user to check for updates... With the release 3.10, at the very first user logon, TSplus installs automatically a light version of Acrobat the user workstation. This enable better printing performance and eliminate any of the possible issues related to a specific version of Acrobat.

2) Enhanced security options

If the administrator copies the TSplus wrapper on a workstation, or on a USB key, he can lock the user access program with the physical serial number of the device. This included capability makes obsolete the USB option proposed in the former TSplus releases, so we stop this option.

3) Updating the client version automatically from the server

Our customers wished to be able to update all of the users generated clients without having to do it on each workstation. To do so we changed the way we store the users parameters locally and we add the capability for the administrator to edit these parameters on a specific workstation if requested. All of the algorithms are now implemented to deliver these update capability and the wizard to do it will be part of the future TSplus releases.



4) False positive virus alert

The new algorithm of TSplus 3.10 eliminate the reason why, some times, one or an other anti-virus, dependant on a virus list signature update, would rise a false positive.