



TS WEB Portal

TS WEB enables to open a session and to connect from user any PC: Windows, MAC or Linux. The user can start TS WEB from any web browser: Internet Explorer, Google Chrome, Netscape, Opera, Firefox and Safari.

The only requirement is to have Java installed on the PC. If Java is not installed, TS WEB proposes to download it from SUN download centre.

TS WEB includes a java based code to enable printing on any user PC: The Universal Printer option is a very powerful one. The user can select his preference: automatic print on his local default printer, local preview with his local PDF reader, local preview with the TS WEB build-in ICEPDF tools, select the local printer he want to use.

TS WEB is designed to correctly work when installed on your TSplus server. So, the Web Server shall be set on TSplus Server and we recommend avoiding architectures where the Web Server is located elsewhere.

WEB SERVER MANAGEMENT TOOL

TS WEB includes a small footprint Web Server and you do not require installing IIS or Apache. It is a program named http.exe that is automatically started as a service by Tsplus Terminal Service. Nevertheless, you are free to use IIS or Apache if you prefer it as long you are familiar with these Web Servers administration tools that we do not deliver.

The Web Server management tool is one of the AdminTool option. It enables to adjust the default settings to your own wishes. You can change the following parameters:

- **Change the Web Server root folder:** This is the folder where is located the index.html page that a user see when he enter the server Internet address on his browser (web site home page).
- **Change server LAN address:** At installation, TS WEB automatically set the server LAN address to the first Ethernet card number. If you have two Ethernet cards you can change it to assign the Web Server to the second one.



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- **Change the Web Server port number:** The default port number is 80. You can change it to avoid conflict with any other software that would use this port. Remember that if you want your users to be able to remotely connect, you must set a rule on your router to tell that the traffic from port 80 on the LAN address shall have to be translated into the server LAN address (Network Address Translation rule – NAT). If TS WEB works fine in the LAN but a remote user cannot access to the Web Server home page, it means that either that NAT rule is not set correctly or that a firewall is blocking the port 80.
- **Other Web Server:** This option enable to move the content of TS WEB (files and folders) into a new Web Server root folder location. This is what you will run if you decide to use IIS or Apache. The default root path for IIS is in *C:\inetpub\wwwroot* and the default root path for Apache is *C:\Program Files\Apache Group\Apache2\htdocs*
- **Update the HTML pages:** The IP address and RDP port number parameters have to be set in each HTML pages according to your Tsplus RDP settings. For you convenience, this option enables you to update these 6 pages automatically.

TS WEB Server management tool

TSplus built-in Web Sever: Gérer le serveur HTTP

Using the Built-in Web Server

Changer l'adresse IP du serveur WEB: 192.168.0.122

Change the Web Server port number: 80

Root path: C:\Program Files\TSplus\Clients\www [Browse]

[Démarrer le serveur HTTP] [Arrêter le serveur HTTP] [Enregistrer]

MAJ automatique des pages HTML

Les pages HTML doivent avoir la bonne adresse IP (adresse LAN ou adresse WAN).

Changer les adresses dans les pages HTML: 192.168.0.122 [Enregistrer]

Other Web Server (IIS or Apache for exemple)

Using an other Web Server

Root path: C:\Program Files\TSplus\Clients\www [Browse]

[Enregistrer]



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HTML PAGES

The *index.html* page is a pure presentation layer that is provided as an example of Portal page with links to the various other pages. You can edit this page with Notepad or any HTML editor to customize it to fulfil your needs.

This page is located in Web Server root folder *C:\Program Files\TSplus\Clients\www*

The 3 different TS WEB connection clients:

- *webclientjava.html*: This page is starting a Java based RDP web based client
- *webclientnative.html*: This page is starting the native client depending on the user PC. On Windows, it will use the local mscts.exe, on Linux it will download and run Rdesktop and on MAC, it will download and run RDP 2.0 for MAC.
- *webclientrdc.html*: This page is design for Windows PCs client and enable most of the new RDP 6 / RDC 7.0 capabilities.

These 3 HTML pages are located in *C:\Program Files\TSplus\Clients\www\software*

We recommend to avoid any change on these 3 pages and to use them “as is”. Nevertheless, if you want to edit one of them to preset a logon/password you can change the following change part of the HTML code:

```
<div class="left">Logon</div>
<div class="right"><input type="text" style="width:99%;" name="UserName"
id="editUserName" value=""></div>
<div style="clear: both;"></div>
```

```
<div class="left">Password</div>
<div class="right"><input type="password" style="width:99%;" name="RdpPass"
id="rdppassword" value=""></div>
<div style="clear: both;"></div>
```

```
<div class="left">Domain name</div>
<div class="right"><input type="text" style="width:99%;" name="Domain" id="editDomain"
value=""></div>
<div style="clear: both;"></div><br />
```



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The 3 possible TS WEB automatic connection pages (including Auto-logout capability):

These 3 pages have been designed to enable a silent connection to the server. It could be very useful and powerful to automatically start a remote application from a simple URL link. Such URL links can be added to your existing Web Portal (like SharePoint for example). As usual, we wanted to make it simple to customize. On each HTML page there is a section that you can easily edit with Notepad or your preferred HTML editor.

- *javaconnect.html*: This page starts a connection using the TS WEB RDP Java client
- *remotedesktop.html*: This page is starting the native client depending on the user PC (Windows, Linux or MAC)
- *remoteapp.html*: This page is design for Windows PCs client and enable most of the new RDP 6 / RDC 7.0 capabilities

These 3 HTML pages are located in *C:\Program Files\TSplus\Clients\www\software*

Editable section of *javaconnect.html* (please avoid to change any of port of the code)

```
//  
// Edit variable depending on your wishes  
//  
  
var switcher=0;           // Display size parameter  
                          // 0 = full window, 1 = full screen, 2 = 640x480, 3 = 800x600, 4 =  
1024x768, 5 = 1280x1024, 6 = 1600x1200  
  
var bpp_all=15;          // Display resolution parameter  
                          // 15 Bit, 16 Bit, 24 Bit  
  
var server="184.73.198.100";  
var serverownport=3389;  
var username="";         // User logon if you want to set an Autologon  
var rdppass="";         // User password if you want to set an Autologon  
var mydomain="";
```



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Editable section of *remotedesktop.html* (please avoid to change any of port of the code)

```
//  
// Edit variable depending on your wishes  
//  
  
var switcher=0;           // Display size parameter  
                           // 0 = full window, 1 = full screen, 2 = 640x480, 3 = 800x600  
                           // 4 = 1024x768, 5 = 1280x1024, 6 = 1600x1200  
                           // 7 = RemoteApp (if system supports RemoteApp, set to 7)  
  
var bpp_all=15;          // Display resolution parameter  
                           // 15 Bit, 16 Bit, 24 Bit, 32 Bit  
var bpp_all_mac="2";     // Display resolution parameter for MAC clients  
                           // 1 = 15 Bit, 2 = 16 Bit, 3 = 24 Bit, 4 = 32 Bit  
  
var server="184.73.198.100"; // RDP server address (can be a LAN or or WAN address)  
var serverownport=3389;   // RDP port number (remember to set a correct NAT rule on your  
                           // Router to enable the remote access from outside locations)  
var username="";          // User logon if you want to set an Autologon  
var rdppass="";           // User password if you want to set an Autologon  
var mydomain="";  
  
var optionadd="";        // only if you need additional parameters  
  
var keymapretr="default"; // default keyboard = en
```



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Editable section of remoteapp.html (**please avoid to change any of port of the code**)

```
//  
// Edit variable depending on your wishes - only for Windows clients, use else native client  
//  
  
var switcher=7; // Display size parameter  
                // 0 = full window, 1 = full screen, 2 = 640x480, 3 = 800x600,  
                // 4 = 1024x768, 5 = 1280x1024, 6 = 1600x1200  
                // 7 = RemoteApp (if system supports RemoteApp, set to 7)  
  
var bpp_all=15; // Display resolution parameter  
                // 15 Bit, 16 Bit, 24 Bit, 32 Bit  
  
var server="184.73.198.100"; // RDP server address (can be a LAN or or WAN address)  
var serverownport=3389; // RDP port number (remember to set a correct NAT rule on your  
                        // Router to enable the remote access from outside locations)  
  
var username=""; // User logon if you want to set an Autologon  
var rdppass=""; // User password if you want to set an Autologon  
var mydomain="";  
  
//  
// Special options for Windows client  
// true or false  
//  
  
var disk_use = true; // Mount local drives  
var com_use = true; // Use com ports  
var smartcard_use = true; // Use smart cards  
var usb_use = false; // Use usb devices  
var sound_use = true; // Use sound  
var directx_use = false; // Use directx accelerating  
var dualscreen_use = false; // Use dual screen function
```



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UNIVERSAL PRINTER

TS WEB has been designed to enable printing from any PC and this very flexible printing capability is also available using Java to be used even from the Java client on Linux or MAC.

The Universal Printer provides to the user 5 possible options:



- **Automatic printing on the user local default printer.** When the user select this option, any upcoming remote print will be routed to his local PC default printer. Please make sure that the user has declared at least one default printer on his PC.
- **Select the local printer preference.** This option is the good one when a user has two or more printers declared on his PC. For example one small deskjet printer locally connected to his PC and one heavy duty network Copier/Printer on the same floor of his office.
- **Preview, print and save your document:** This is the right option to select when you want to enable the local preview of the document and to be able to print or to save it. This option is using ICEPDF viewer, a Java tool that can run on MAC and Linux as well as on Windows PCs.
- **Preview with your local PDF reader:** You will get the same result with this option but it is your preferred local PDF viewer that will be activated automatically (Acrobat Reader, Foxit...) rather than ICEPDF.
- **Local saving before printing:** This option enable you to specify a default folder to save the documents you will print.