



DASCOM

Tally[®]

**Quick Start Guide
and Tutorial**

**Printer Network
and WebPanel**

Introduction

It is assumed you have the following:

- A working knowledge of your network system and related utilities.
- Access to the supervisor or administrator account as a network administrator.

Supported Environments

The built-in network interface supports the following platforms and protocols:

- Microsoft® Windows® NT 4.0, 2000, XP, Server 2003
- Linux – Red Hat®, SuSE®
- Unix® – Sun Solaris®, HP-UX®, IBM AIX®
- TCP/IP, HTTP, LPR/LPD

Network Interface and Cabling

The printer requires:

- Ethernet 10Base-TX or 100Base-TX interface.
- Category 5e or 6 Ethernet cable with RJ-45 socket connectors.

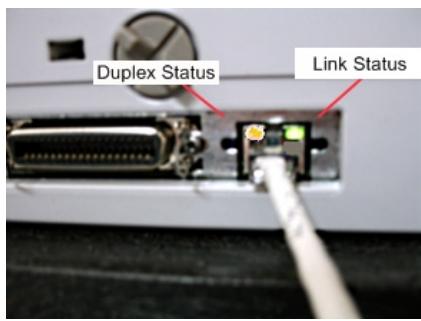
Connecting the Printer

Connect the Ethernet cable to the network interface port RJ-45 connector on the rear center of the printer.

Network Interface Status

There are two status lights (LEDs) next to the RJ-45 connector on the rear panel.

- Right green light (Link Status) is solid: This shows the printer is connected to the network.
- Right green light is blinking: Shows network activity.
- Left yellow light (Duplex Status) is solid: Shows network interface is in full duplex mode.



Note:

Unless the link status light is green, the printer will not be able to connect to the network.

Network IP Configuration

The network interface of the printer requires an IP address.

There are several ways to assign an IP address to the printer:

- DHCP (A Dynamic Host Configuration Protocol server assigned IP address.)
- Static (An IP address obtained from your network administrator added to the printer manually.)
- BOOTP (Bootstrap Protocol server assigned IP address.)

Assigning the IP Address

If the printer menu is locked, please see the User Guide.

1. Automatic DHCP IP address assignment:

- Press <Setup>, then <Menu>.
- Press <Next> until the I/O selection appears. Select <I/O>.
- Press <Next> until the ETH-INT selection appears. Select <ETH-INT>.
- Press <Next> until the IP Get M selection appears. Select <IP Get M> Select <DHCP>
- Verify that your printer was assigned an IP address by printing the “Current Settings” configuration page or in the operator panel menu.

Note:

At power-up, the printer network interface broadcasts a DHCP request for an IP address. If a DHCP server is present, the request will be processed, and an IP address will be returned to the printer network interface. Upon receipt of the IP address, the printer accepts and uses this new IP address (and subnet mask, and default gateway, if any).

Once an IP address has been assigned, the printer network interface will no longer broadcast DHCP requests. The printer will broadcast a DHCP request each time you turn on the printer.

The DHCP server may grant a temporary IP address, called a temporary lease or temporary reservation, which expires later, or may grant a permanent or unlimited time lease or reservation, which does not expire.

Devices such as the printer that are granted a temporary lease will be notified before the lease expires and asked if they would like to extend the lease. The printer network interface will continue extending its lease indefinitely (unless prohibited by your DHCP server configuration), and thus maintain a consistent IP address.

If the printer is not turned on or is not connected to the network when the DHCP server is sending requests to extend the lease, the lease will not be extended. The DHCP server will cancel the lease and may assign the IP address to another device. Therefore, it is highly recommended to explicitly specify the printer lease as permanent or unlimited in your DHCP server configuration.

2. Static assignment using the operator panel:

- Press <Setup>, then <Menu>.
- Press <Next> until the I/O selection appears. Select <I/O>.
- Press <Next> until the ETH-INT selection appears. Select <ETH-INT>, then <IP Addr>
- Enter the value for Octet 1 by pressing <OCTET 1>. Use the forward and backward arrows to increment/decrement the number. When finished with each entry press <Set> which will set the currently displayed value. To exit out without changing the value press <Exit>. Enter the Octet 2 value in the same way, pressing <OCTET 2>. To get to Octet 3 and Octet 4, select <Next> and then select <OCTET 3> and <OCTET 4>.
- Enter the default Gateway and Subnet mask in the same way. <Gateway> is available from the screen you are returned to. Press <Next> to select <Subnet>.
- Enter the IP address get method under the selection <IP Get M>. Select <Static>.

3. BOOTP IP address assignment:

- Press <Setup>, then <Menu>.
- Press <Next> until the I/O selection appears. Select <I/O>.
- Press <Next> until the ETH-INT selection appears. Select <ETH-INT>.
- Press <Next> until the IP Get M selection appears. Select <IP Get M> Select <BOOTP>
- Obtain the Ethernet MAC address by printing the “Current Settings” configuration page. Turn off printer.
- Configure your BOOTP server with desired IP address and MAC address.
- Turn on printer.
- Verify that the printer network interface received an IP address by printing the “Current Settings” configuration page or in the operator panel menu.



WebPanel

Introduction

WebPanel is an intuitive browser interface that allows you to remotely manage your network attached printer. From WebPanel, you can do virtually everything you can do from the printer's control panel.

In addition, WebPanel provides full access to all of the TallyCom networking features. Before using WebPanel, you must configure your printer with an IP address, using one of the three methods discussed in the Assigning the IP Address section above.

Note:

The screenshots that are used in this document to demonstrate the functionality will vary depending on the printer model.

Web Browser

WebPanel is accessed from the printer through a web browser, either Netscape Navigator/Communicator version 4.0 through 8.1, or Microsoft Internet Explorer version 4.0 through 7.0. The browser needs to be configured with cache and history empty, and the browser set up to check for new pages every time, to insure that connections to WebPanel will produce the latest data.

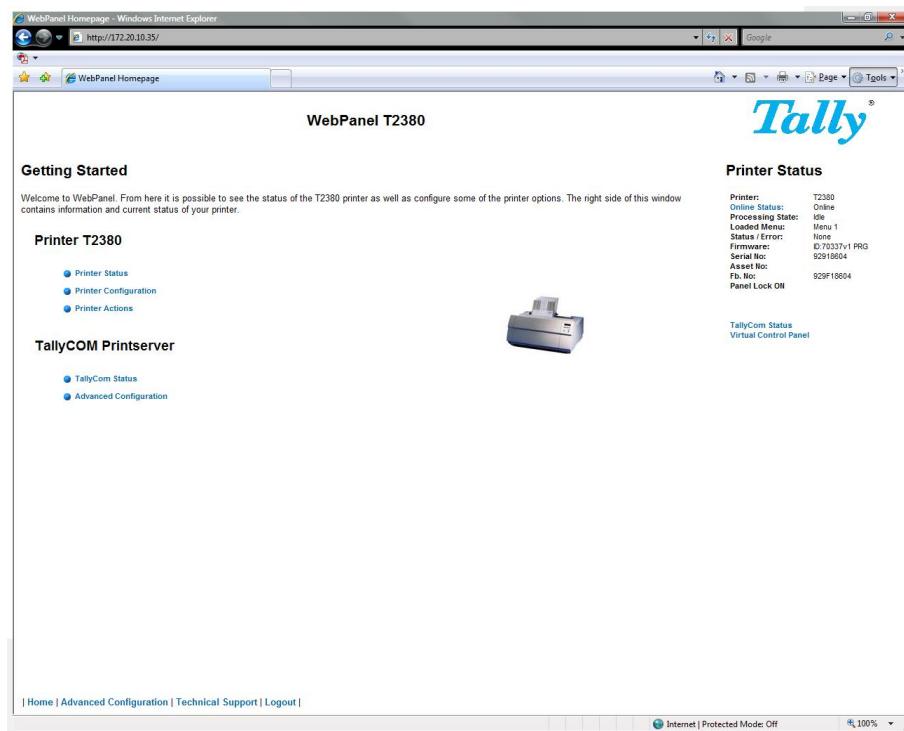
WebPanel does not work through a proxy server. Therefore, the web browser must be setup to NOT use the Proxy Server for local IP addresses. The following steps will set up the browser to bypass the proxy server if one is set up.

- Under Internet Explorer, select Tools->Internet Options->Connections->LAN Settings to get to the Proxy Server settings. Then check the "Bypass Proxy Server for Local Addresses" box, or add the specific print server IP address to the "Exceptions" list.
- In Netscape, select Edit->Preferences->Advanced->Proxies to get to the Proxy Server settings. Then add the local LAN domain, or the specific print server IP address, to the "Exceptions" list.

Disclaimer: Dascom WebPanel runs in conjunction with third party software, notably web browsers, which are designed to run independently of the Dascom software. Dascom cannot control the third party output or how it behaves from release to release. The above browser versions have been tested with WebPanel and while there is full functionality, there will undoubtedly be visual differences and anomalies between products and versions with which Dascom has no control.

Access to WebPanel

Once an IP address has been set up, you can access WebPanel by typing the printer's IP address into your browser address box (for example: <http://10.0.2.125>).



Printer Status

Printer:	T2380
Online Status:	Online
Processing State:	Idle
Loaded Menu:	Menu 1
Status / Error:	No Errors
Firmware:	D7033v1 PRG
Serial No:	929F18604
Asset No:	929F18604
Pb. No:	929F18604
Panel Lock ON	

TallyCOM Printserver

- TallyCom Status
- Advanced Configuration

Getting Started

Welcome to WebPanel. From here it is possible to see the status of the T2380 printer as well as configure some of the printer options. The right side of this window contains information and current status of your printer.

Printer T2380

- Printer Status
- Printer Configuration
- Printer Actions

TallyCOM Printserver

- TallyCom Status
- Advanced Configuration

| Home | Advanced Configuration | Technical Support | Logout |

The current status of your printer is displayed on the right hand side of the screen. This is refreshed every 20 seconds, whenever you refresh the page or click Printer Status. The left side allows you to query the printer, configure it and access network options.

Printer Status

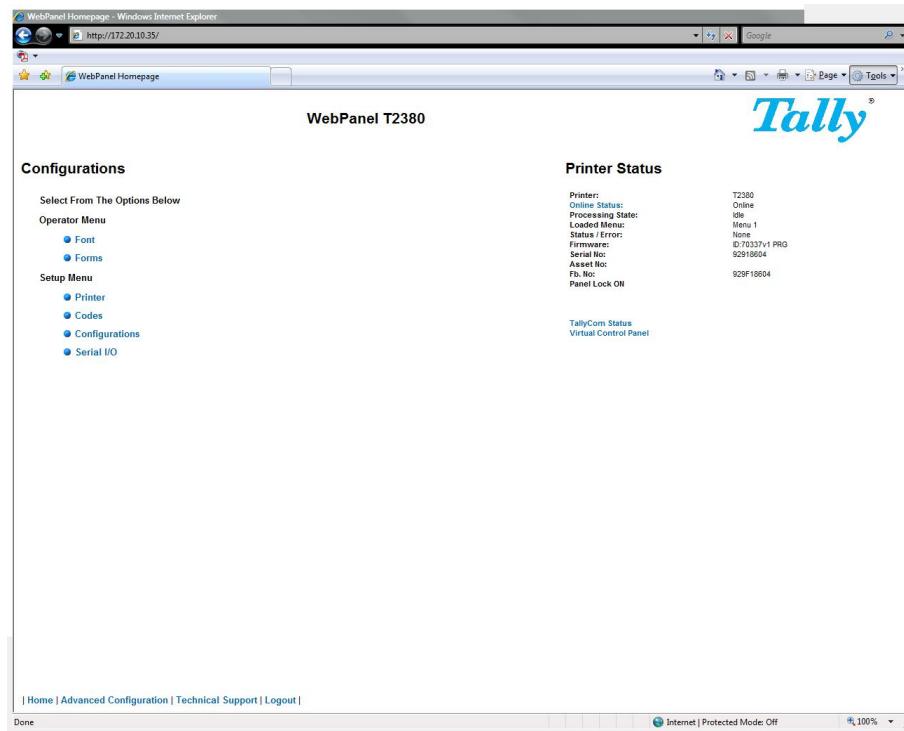
Selecting this option refreshes the status display. Displayed on this page are:

- Processing state
- Loaded menu
- Error state
- Firmware level
- Serial number
- Asset number
- Panel lock status

Options to change the online/offline state, network configuration and the virtual control panel for your printer are all accessed from this page.

Printer Configuration

Selecting this option allows you to configure specific parameters in the printer. When one of these menu options is selected, a new page will load showing the options which can be viewed or modified.



The screenshot shows the WebPanel Homepage for a Tally T2380 printer. The interface is divided into two main sections: 'Configurations' on the left and 'Printer Status' on the right.

Configurations:

- Select From The Options Below
- Operator Menu
 - Font
 - Forms
- Setup Menu
 - Printer
 - Codes
 - Configurations
 - Serial I/O

Printer Status:

Printer	T2380
Online Status:	Online
Processing State:	Idle
Loaded Menu:	Menu 1
Status / Error:	No Error
Font No:	070337v1.PRG
Serial No:	92918804
Asset No:	
Pb. No:	929F18804
Panel Lock ON	

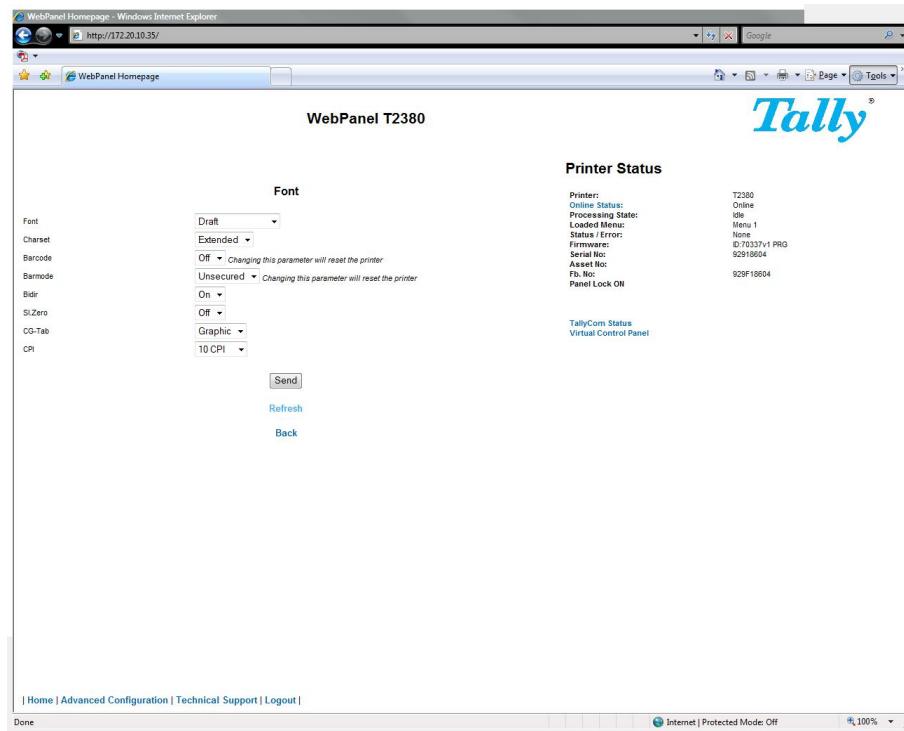
At the bottom of the page, there are links for Home, Advanced Configuration, Technical Support, and Logout. The status bar at the bottom of the browser window indicates 'Internet | Protected Mode: Off' and '100%'.

Example 1

Changing a dropdown menu option.

In this example, we are modifying the selected font to a different font.

Select "Font". A new page appears.



Select the Font dropdown menu and choose the new font.

Select "Send".

Note:

Changes are not applied until "Send" is selected.

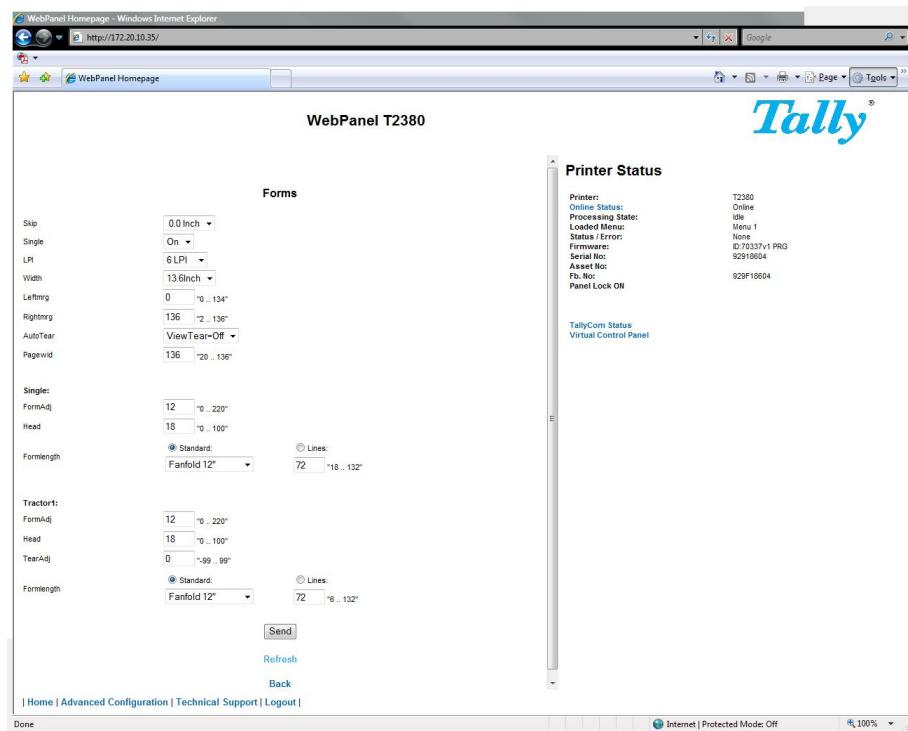
To reset the changed value to the prior value, select "Refresh" instead of "Send". To return to the prior page without applying the change, select "Back".

Example 2

Changing an entered value menu option.

In this example, we are modifying the selected form length to a different form length.

Select "Forms". A new page appears:



The screenshot shows the 'WebPanel T2380' interface. On the right, there's a 'Printer Status' panel displaying printer details like 'T2380', 'Online', 'Idle', and 'Menu 1'. Below it is a 'TallyCom Status' section. On the left, the 'Forms' configuration section is visible, divided into 'Single', 'Tractor', and 'Formlength' sections. Each section contains fields for 'FormAdj' (e.g., 12, 18), 'Head' (e.g., 0, 100), 'TearAdj' (e.g., 0, 99), and 'Formlength' (e.g., Fanfold 12"). There are radio buttons for 'Standard' or 'Lines' and dropdown menus for 'FormAdj' and 'Formlength'. At the bottom of the form section are 'Send', 'Refresh', and 'Back' buttons.

Select the Form Length field by highlighting the contents of the box and enter the new form length.
 The acceptable parameters are listed to the right of the field.
 Select "Send".

Note:

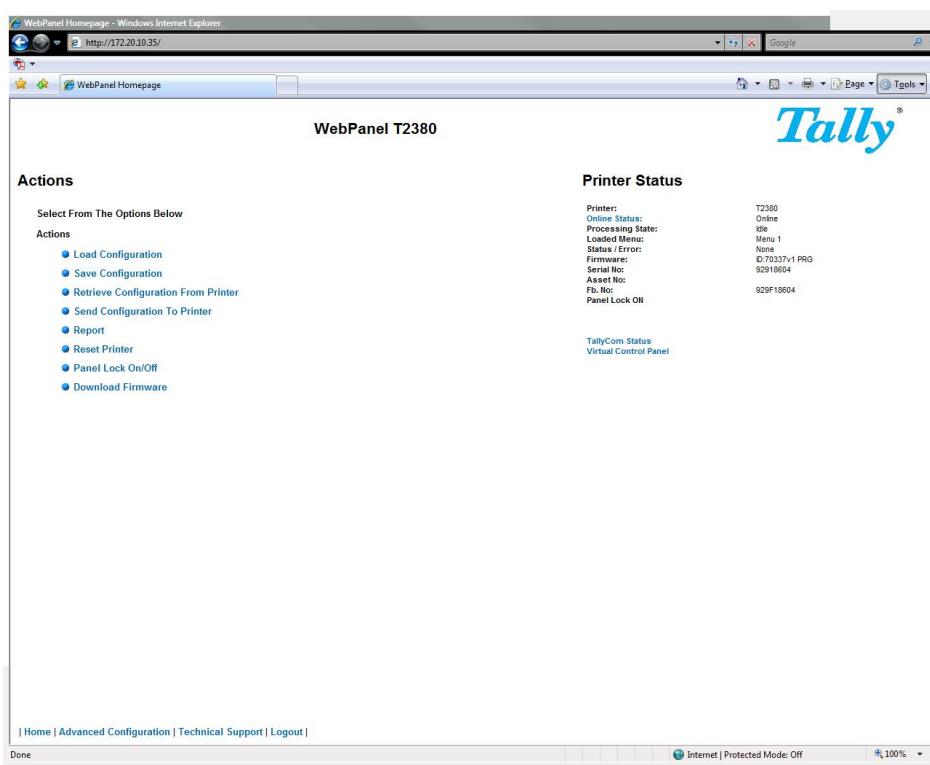
Changes are not applied until "Send" is selected.

If the entered value is out of range of the acceptable parameters, the previous value will be reinstated.

To reset the changed value to the prior value, select "Refresh" instead of "Send". To return to the prior page without applying the change, select "Back".

Printer Actions

Selecting the Printer Actions link will produce a page with a list of actions that can be performed on the printer.



Actions

Select From The Options Below

Actions

- Load Configuration
- Save Configuration
- Retrieve Configuration From Printer
- Send Configuration To Printer
- Report
- Reset Printer
- Panel Lock On/Off
- Download Firmware

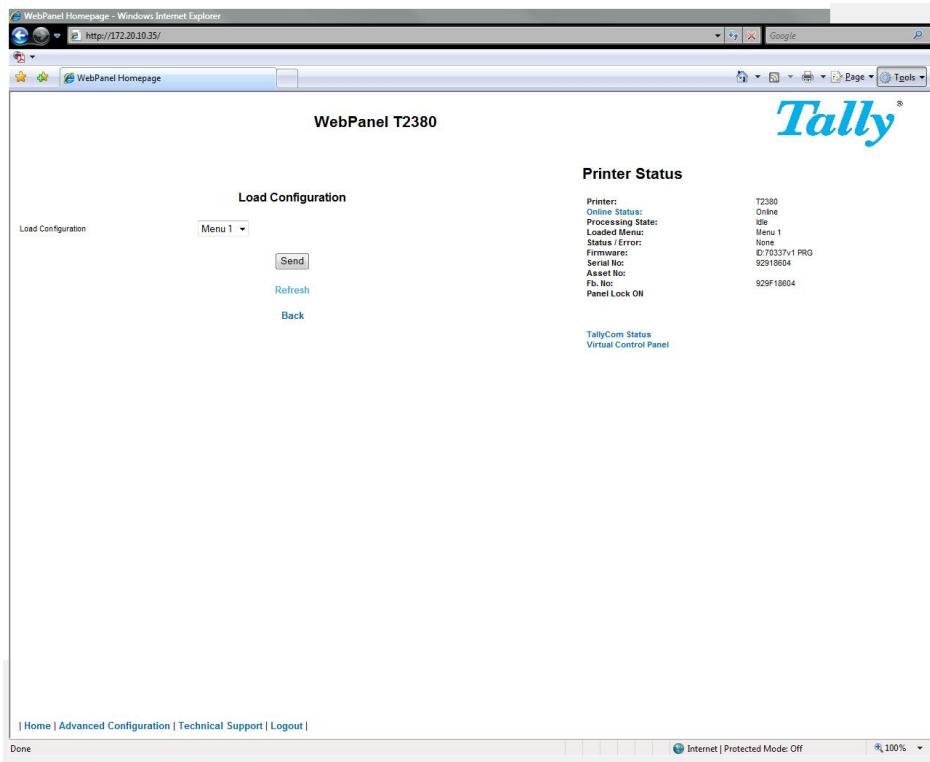
Printer Status

Printer:	T2380
Online Status:	Online
Processing State:	idle
Loaded Menu:	Menu 1
Status / Error:	None
Firmware:	D70337v1 PRG
Serial No:	92918604
Asset No:	
Fb. No:	929F18604
Panel Lock ON	

TallyCom Status
Virtual Control Panel

Load Configuration

Loads the settings stored in a menu into the printer as the current settings. When the Load Configuration link is selected, the following page will be displayed:



Load Configuration

Load Configuration

Menu 1

Printer Status

Printer:	T2380
Online Status:	Online
Processing State:	idle
Loaded Menu:	Menu 1
Status / Error:	None
Firmware:	D70337v1 PRG
Serial No:	92918604
Asset No:	
Fb. No:	929F18604
Panel Lock ON	

TallyCom Status
Virtual Control Panel

Select a menu and confirm your selection by selecting the Send button.



Save Configuration

You can save selected printer settings in up to 5 independent menus.

When the Save Configuration like is selected, the following page will be displayed:

The screenshot shows a web browser window for 'WebPanel Homepage - Windows Internet Explorer' at URL <http://172.20.10.35/>. The main title is 'WebPanel T2380'. In the top left, there's a 'Save Configuration' button. Below it, a dropdown menu is set to 'Menu 1'. There are 'Send', 'Refresh', and 'Back' buttons. On the right, a 'Printer Status' section displays various printer parameters. At the bottom, there are links for 'TallyCom Status' and 'Virtual Control Panel'.

Parameter	Value
Printer:	T2380
Online Status:	Online
Processing State:	Idle
Loaded Menu:	Menu 1
Status / Error:	None
Firmware:	ID:70337v1 PRG
Serial No:	92918604
Asset No:	
Fb. No:	92918604
Panel Lock:	Off

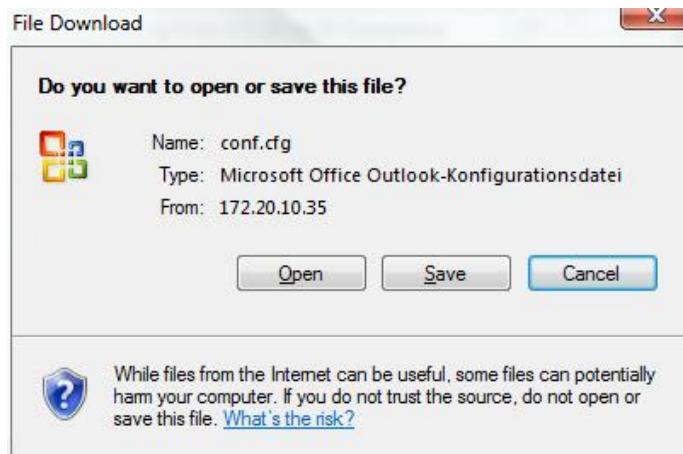
Select a menu.

Select Send.

Retrieve Configuration From Printer

Selecting this option will save all the printer settings of all menus in a file. Uploading this file to other printers will clone the printer menu settings to the other printer.

When this option is selected, the following will appear (note that the actual image will be browser specific):



The default name is “conf.cfg”, but it can be renamed. Saving the file to disk. This will allow it to be transferred to other printers using the “Send Configuration To Printer” option on the Actions web page.

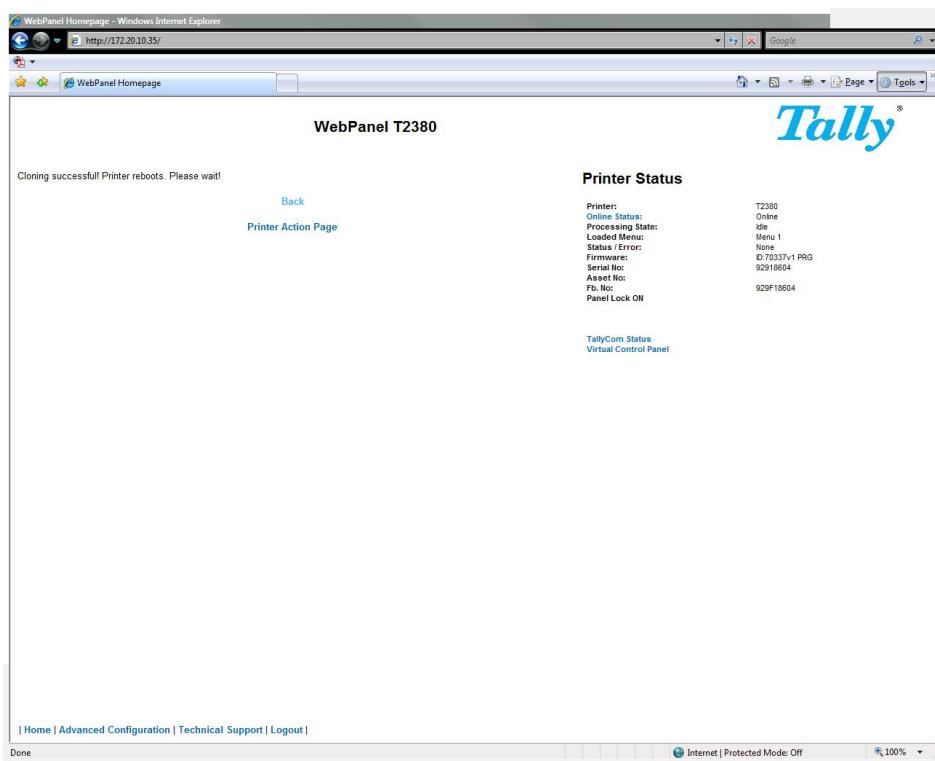
Send Configuration To Printer

Selecting this option will upload a Configuration File of another printer (see “Retrieve Configuration From Printer”). The complete configuration of this source printer will be transferred to your printer.

To upload the configuration file, first click “Send Configuration To Printer”. The following page will be displayed:

Use the “Browse” button to find the file to upload. Once the file is selected, click on the “Send” button. It is important to note the warning on this page. There is some delay while the file is transmitted so it is important NOT to resend or click on the “Send” button until the process is complete.

If the process is successful, the printer will reboot and the following page will be displayed:



WebPanel Homepage - Windows Internet Explorer
 http://172.20.10.35/
 WebPanel Homepage

WebPanel T2380

Tally®

Cloning successful Printer reboots. Please wait!

[Printer Status](#)

[Printer Action Page](#)

Printer:	T2380
Online Status:	Online
Processing State:	idle
Locked Menu:	None
Status / Error:	None
Firmware:	D/70337v1 PRG
Serial No:	92918604
Asset No:	
Pb. No:	929F18604
Panel Lock ON	

TallyCom Status
 Virtual Control Panel

| Home | Advanced Configuration | Technical Support | Logout |

Done Internet | Protected Mode: Off 100%

Note:

Since the printer will reboot with successful completion of this action, the user will have to reconnect to the printer through the browser.

Report

Selecting the Report link will open up a separate browser window and a report of the printer settings will appear. This functionality is the same as pressing the “Print” option on the control panel of the printer.

Reset Printer

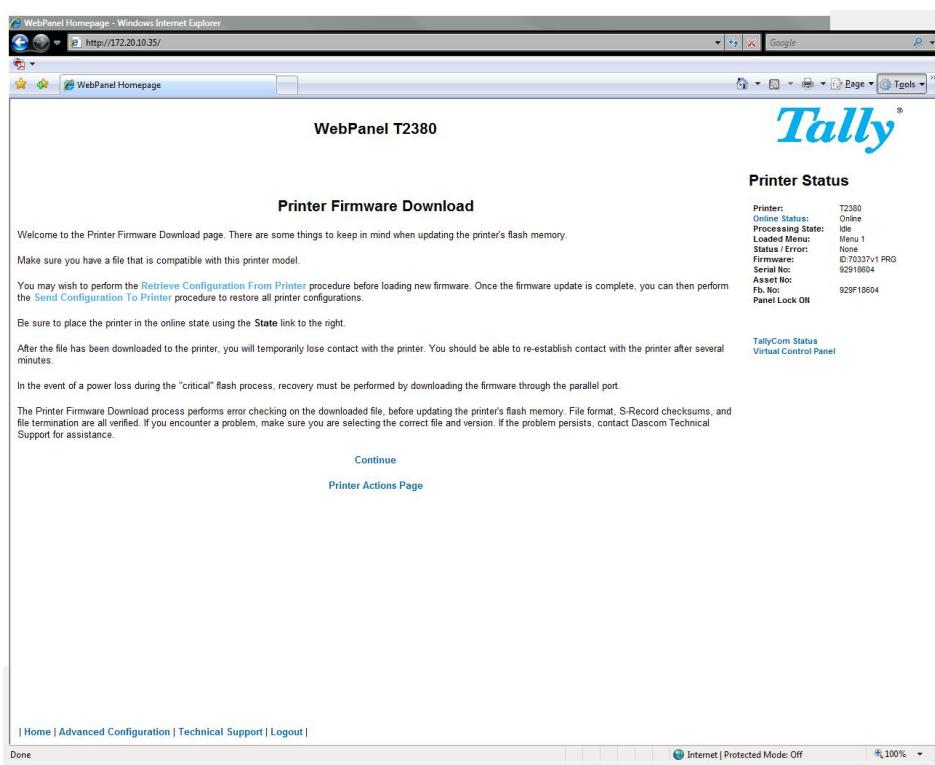
This link does a hard reset of the printer, similar to cycling power. There is no user feedback as to success since the printer is rebooting. Since the printer will reboot with successful completion of this action, the user will have to reconnect to the printer through the browser.

Panel Lock On/Off

This link toggles the panel lock feature of the printer. This option affects the physical control panel on the printer as well as the virtual panel in WebPanel. The state of the option is displayed in the printer status page on the right of the display.

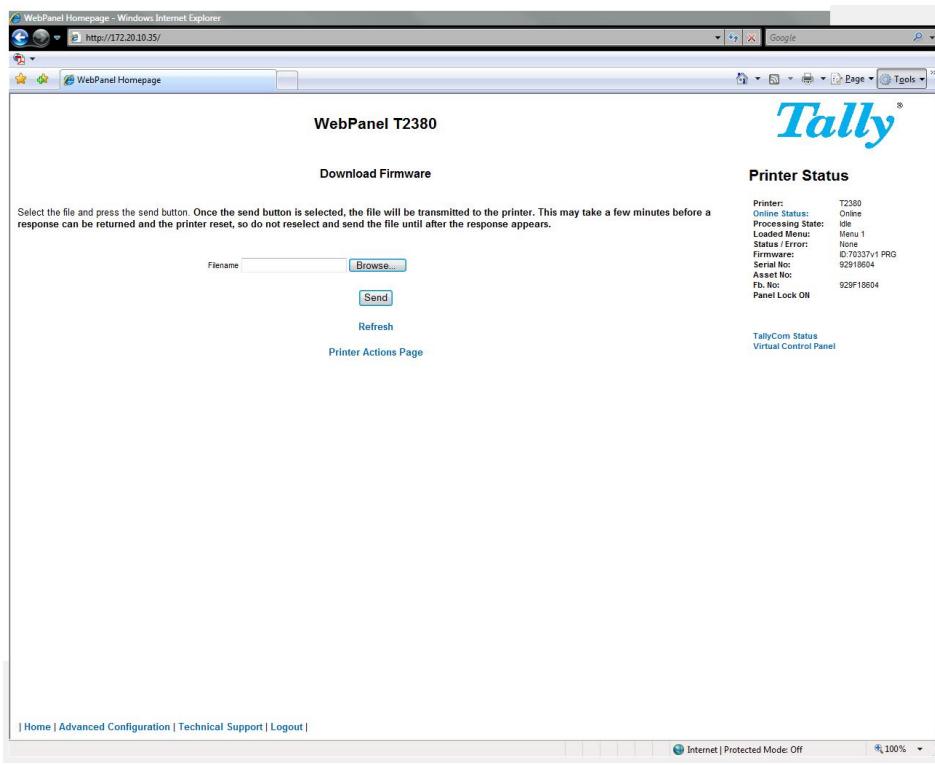
Download Firmware

Through this link it is possible to download firmware updates to the printer. When this link is selected, the follow page will appear:



The screenshot shows the 'Printer Firmware Download' page for a Tally T2380 printer. The page includes instructions for updating the printer's flash memory, a note about temporary loss of connection during update, and a warning about power loss recovery. It features a 'Continue' button and a 'Printer Actions Page' link. On the right, there is a 'Printer Status' panel displaying the printer's configuration: Online Status: Online; Processing State: Idle; Loaded Menu: Menu 1; Status / Error: None; Firmware: ID70337v1 PRG; Serial No: 929F18604; Asset No: 929F18604; Fb. No: 929F18604; Panel Lock ON. Below the status panel are links for 'TallyCom Status' and 'Virtual Control Panel'. The browser toolbar at the top includes icons for Back, Forward, Stop, Refresh, and Page.

After following the directions on this page, select the “Continue“ link and the following page is displayed:



The screenshot shows the 'Download Firmware' page for a Tally T2380 printer. It instructs users to select a file and press the send button. The page includes a 'Filename' input field with a 'Browse...' button, a 'Send' button, and a 'Refresh' link. On the right, there is a 'Printer Status' panel displaying the same configuration as the previous page. The browser toolbar at the top includes icons for Back, Forward, Stop, Refresh, and Page.

Using the “Browse” button, find the firmware file to download. Once the file is selected, click on the “Send” button. It is important to note the warning on this page. There will be some delay while the file is transmitted so it is important NOT to resend or click on the “Send” button until the process is complete.

If the process is successful, the printer will reboot and the following page will be displayed:

WebPanel Homepage - Windows Internet Explorer http://172.20.10.35/ Google

WebPanel Homepage

WebPanel T2380

Tally®

Download Process

The file is currently being uploaded to the printer. After 2 minutes, the printer will either display new information on the control panel or perform a reset. If neither of these actions happen, the process failed. Make sure the correct file was selected for download and try again.

Printer Status

Printer:	T2380
Online Status:	Online
Processing State:	idle
Loaded Menu:	Menu 1
Start-up Program:	Nova
Firmware:	D70337v1 PRO
Serial No:	92918604
Asset No:	
Pd. No:	929F18604
Panel Lock ON	

TallyCom Status
Virtual Control Panel

| Home | Advanced Configuration | Technical Support | Logout |

Done Internet | Protected Mode: Off 100%

Since the printer will reboot with successful completion of this action, the user will have to reconnect to the printer through the browser.

TGNet Status

Selecting this link will replace the information in the Printer Status area with networking information on the printer.

WebPanel Homepage - Windows Internet Explorer http://172.20.10.35/html/index.htm Google

WebPanel Homepage

WebPanel T2380

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Getting Started

Welcome to WebPanel. From here it is possible to see the status of the T2380 printer as well as configure some of the printer options. The right side of this window contains information and current status of your printer.

Printer T2380

- Printer Status
- Printer Configuration
- Printer Actions

TallyCOM Printserver

- TallyCom Status
- Advanced Configuration



TallyCom Status

TallyCom Name:	TGNet 2280+ ELAN
Contact:	
Location:	
MAC Address:	00-A0-8D-00-60-DE
IP Address:	172.20.10.35

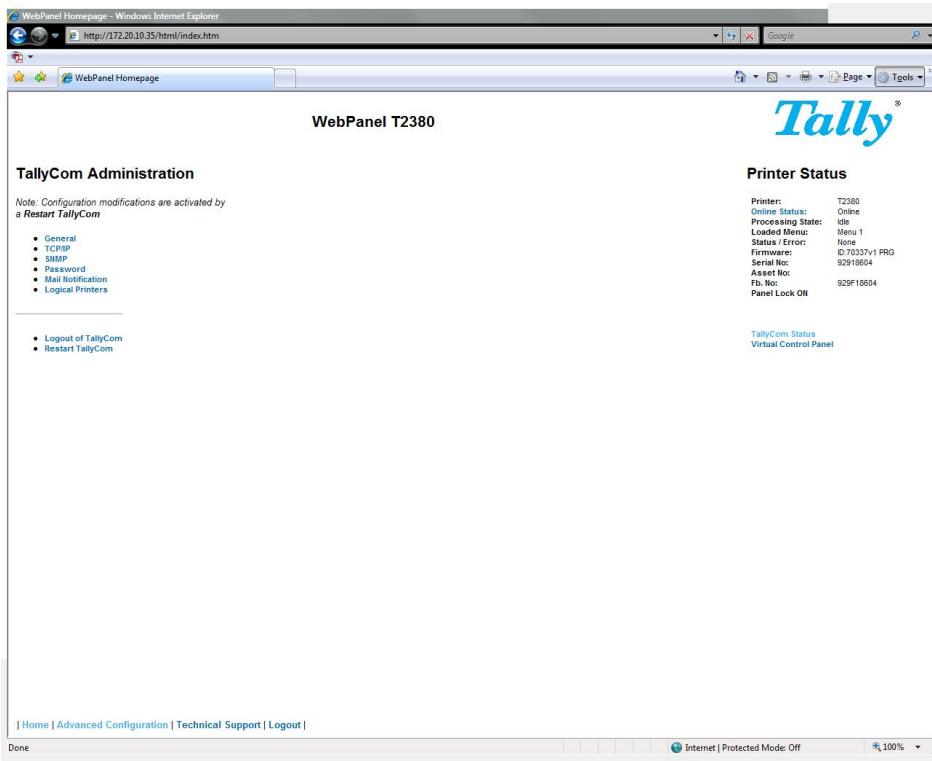
| Home | Advanced Configuration | Technical Support | Logout |

http://172.20.10.35/html/tgnet.htm Internet | Protected Mode: Off 100%

The Name, Contact and Location information is set up from the General link within the Advanced Configuration page.

Advanced Configuration

The Advanced Configuration page allows the user to set up and modify network connectivity information as well as setting up the password, email notification and logical printers. From this page it is also possible to Logout of TGNet and restart TGNet. The Administration page looks like this:



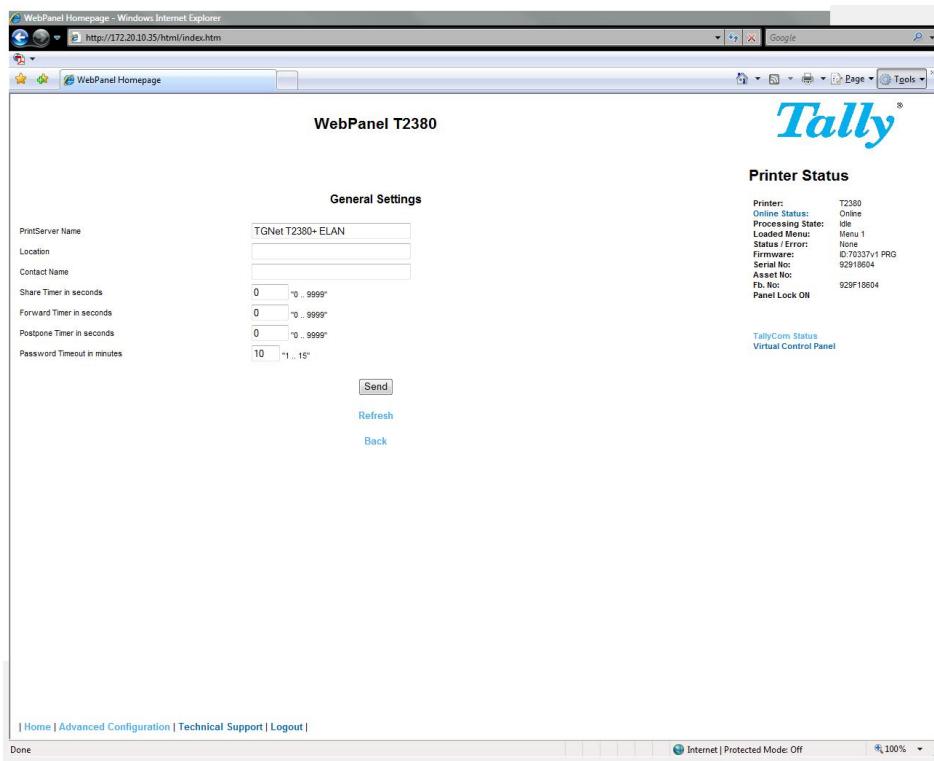
The screenshot shows a web browser window titled "WebPanel Homepage - Windows Internet Explorer" with the URL "http://172.20.10.35/html/index.htm". The main content area is titled "WebPanel T2380" and features the "Tally" logo. On the left, there is a "TallyCom Administration" section with a note: "Configuration modifications are activated by a Restart TallyCom". Below this are links for "Logout of TallyCom" and "Restart TallyCom". On the right, there is a "Printer Status" section displaying the following information:

Printer:	T2380
Online Status:	Online
Processor State:	idle
Locked Menu:	Menu 1
Status / Error:	None
Firmware:	0.70337v1 PRO
Serial No:	92918604
Asset No:	929F18604
Fb. No:	
Panel Lock:	ON

At the bottom of the page, there are links for "Home", "Advanced Configuration", "Technical Support", and "Logout". The status bar at the bottom of the browser window indicates "Internet | Protected Mode: Off" and "100%".

General

The General page sets up the timers and the labels for name, contact and location of the printer.



WebPanel T2380

Printer Status

Printer:	T2380
Online Status:	Online
Processing State:	Idle
Loaded Menu:	Menu 1
Status / Error:	None
Printer IP:	172.20.10.35
Serial No:	929F18604
Asset No:	
Fb. No:	929F18604
Panel Lock ON	

General Settings

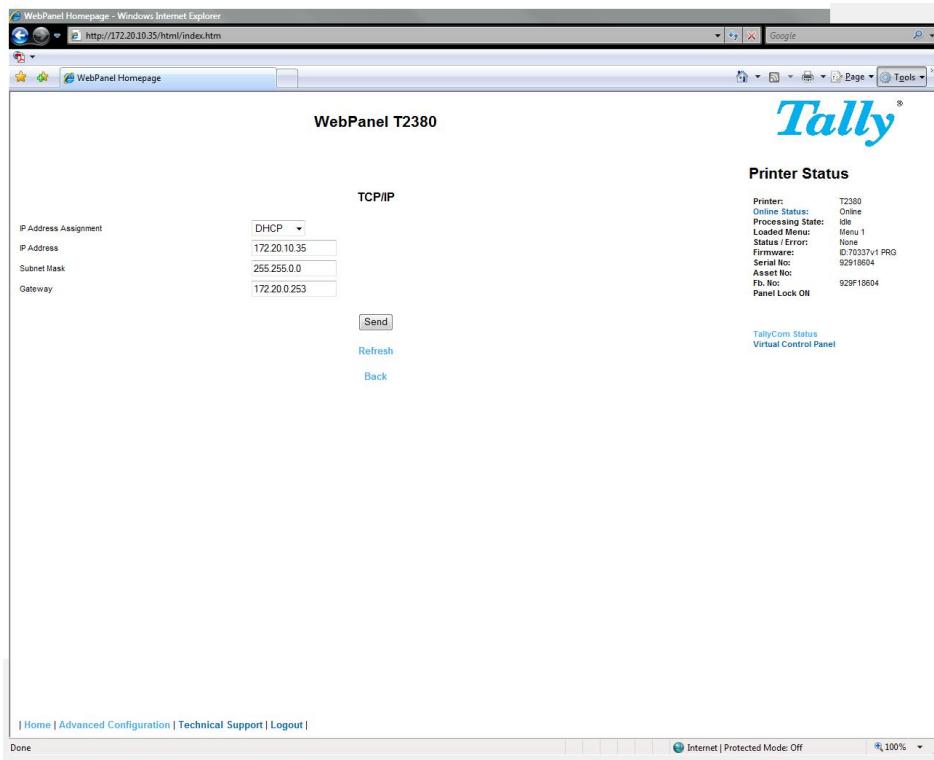
PrintServer Name: TGNet T2380+ ELAN
 Location:
 Contact Name:
 Share Timer in seconds: 0 .. 9999*
 Forward Timer in seconds: 0 .. 9999*
 Postpone Timer in seconds: 0 .. 9999*
 Password Timeout in minutes: 10 .. *1 .. 15*

Buttons: Send, Refresh, Back

Links: | Home | Advanced Configuration | Technical Support | Logout |

TCP/IP

The TCP/IP Page allows the user to modify the existing TCP/IP information for the printer. After changing the particular parameters, it is necessary to restart TGNet from the Advanced Configuration page. If the IP Address is changed and the Send button selected you will disconnect from the current session and will need to reconnect at the new IP Address.



WebPanel T2380

Printer Status

Printer:	T2380
Online Status:	Online
Processing State:	Idle
Loaded Menu:	Menu 1
Status / Error:	None
Printer IP:	172.20.10.35
Serial No:	929F18604
Asset No:	
Fb. No:	929F18604
Panel Lock ON	

TCP/IP

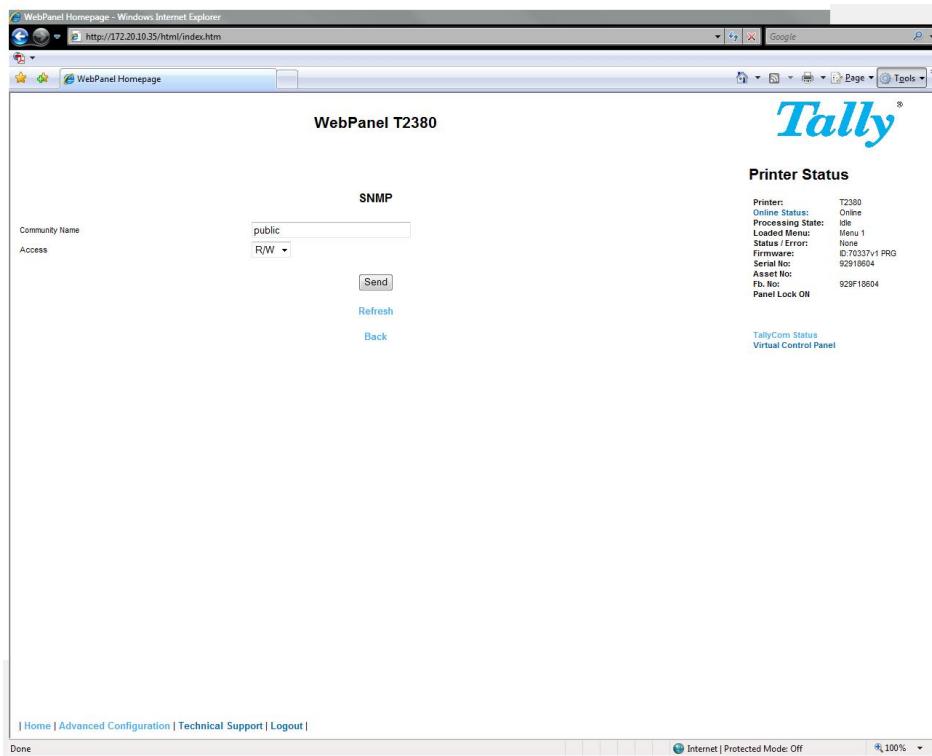
IP Address Assignment: DHCP
 IP Address: 172.20.10.35
 Subnet Mask: 255.255.0.0
 Gateway: 172.20.0.253

Buttons: Send, Refresh, Back

Links: | Home | Advanced Configuration | Technical Support | Logout |

SNMP

The SNMP page allows the user to set the Community Name and the Access. The page looks like this:



The screenshot shows a web browser window for 'WebPanel Homepage - Windows Internet Explorer' at the URL <http://172.20.10.35/html/index.htm>. The main title is 'WebPanel T2380'. In the top right corner, there is a 'Tally' logo. On the left, there is a 'SNMP' configuration section with fields for 'Community Name' (set to 'public') and 'Access' (set to 'R/W'). Below these are 'Send', 'Refresh', and 'Back' buttons. To the right, there is a 'Printer Status' table with the following data:

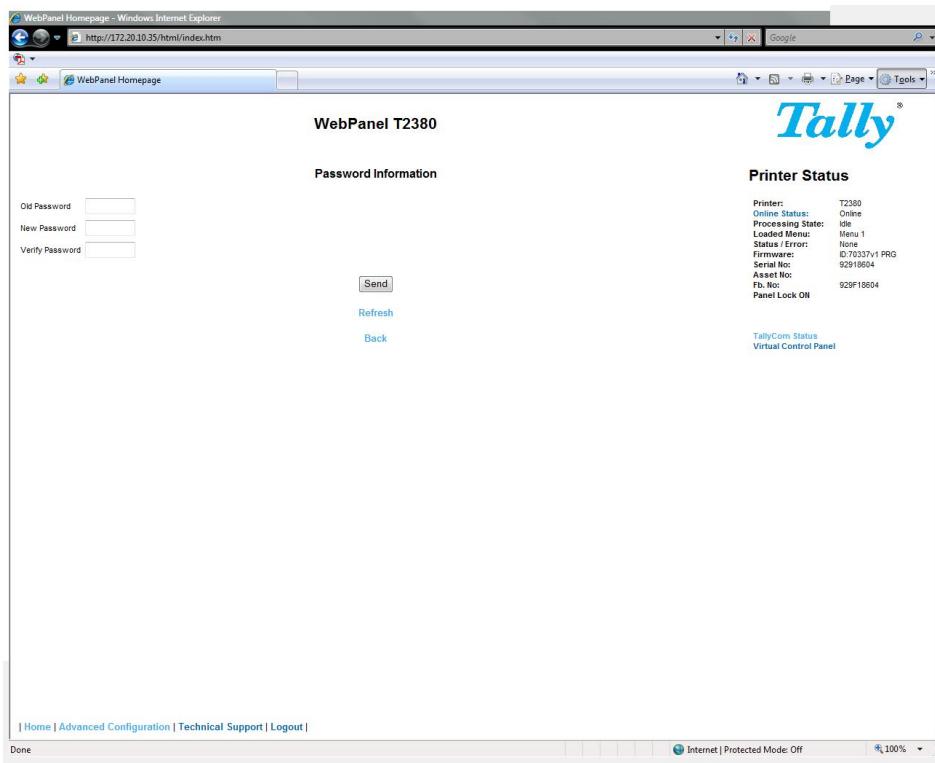
Printer Status	
Printer:	T2380
Online Status:	Online
Processing State:	Idle
Loaded Menu:	Menu 1
Status / Error:	None
Firmware:	070337v1 PRG
Serial No.:	92918604
Asset No.:	
Fb. No.:	92918604
Panel Lock ON	

At the bottom of the page, there are links for 'Home', 'Advanced Configuration', 'Technical Support', and 'Logout'. The status bar at the bottom of the browser window shows 'Internet | Protected Mode: Off' and a zoom level of '100%'.

Password

The Password page allows the user to set a password which would limit access to certain configuration and action links in WebPanel. The maximum number of characters for the password is 7. The default password is no password at all ("null"). However, "adm" is also acceptable as the default password to be compatible with the TallyCom IIF-4 and external TallyCom pocket NICs which use this as the default password. If this or no password at all ("null") is set as the password, all of the web pages are accessible by everyone. If any other password is set, the first time a user accesses a password protected page, a window will open asking for verification with user and password information. Once the password has been successfully recognized, all password protected pages will be available. Once the password is recognized, a timer is set, based on the Password Timer value set in the General web page. If there is inactivity in the browser which lasts beyond the timer time, the password will have to be reentered to access the protected pages.

The password page looks like this:

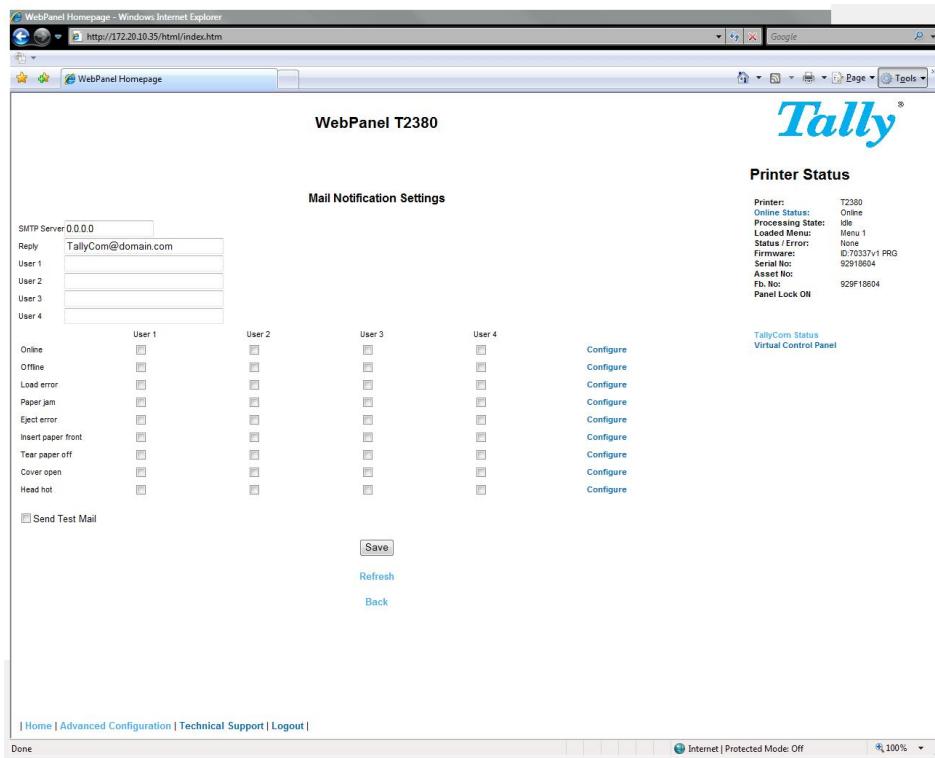


User Name

The default user name is "adm" and cannot be changed.

Email Notification

With the email notification link the user will be able to set up and receive email notices for error and status conditions of the printer. Up to 4 email addresses can be set. The page looks like this:



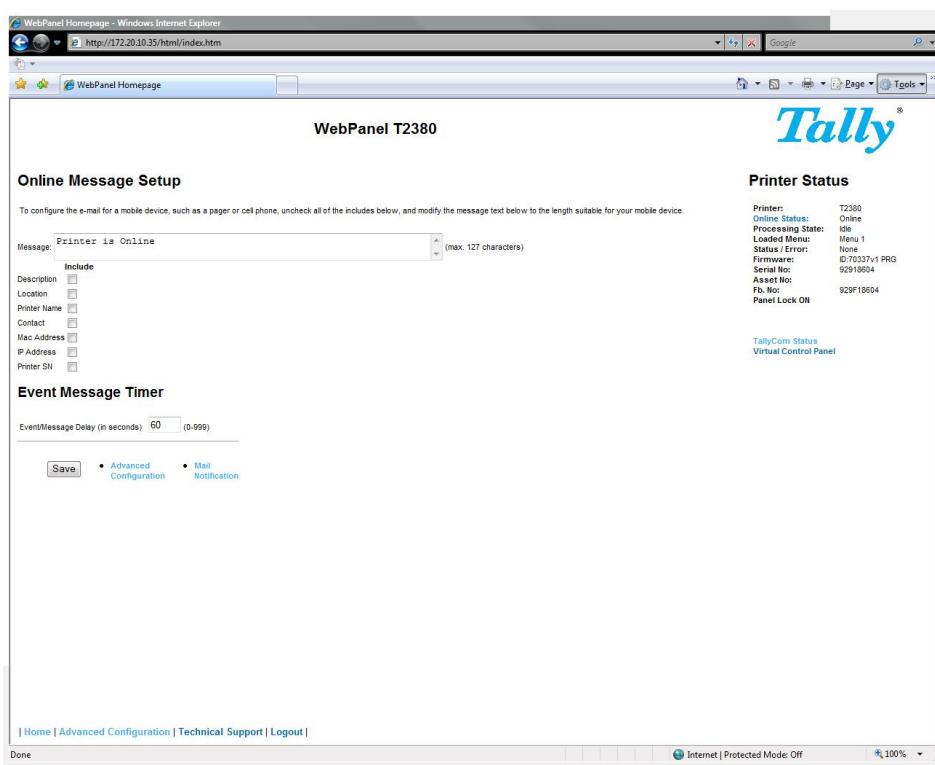
The user must set up the SMTP Mail Server as well as one or more users. The Reply address can be left as is unless there is reason to have to mail to the Reply address.

To activate the mail notification:

- Select which notifications are to be sent out.
- Click on the check box(es) on the right of the desired notification(s) for the particular user(s).
- Confirm your settings by clicking the Send button.

There is also a test mail option which sends a test email to "User 1" and is activated by checking the box and clicking on the "Save" button.

The "Configure" link at the end of each line of notification options allows the user to set up the message information for the email as well as selecting other pertinent information to be added to the email. In addition, the timer can be set which determines when the email notification is sent out. The page looks like this:



Online Message Setup

To configure the e-mail for a mobile device, such as a pager or cell phone, uncheck all of the includes below, and modify the message text below to the length suitable for your mobile device.

Message: (max. 127 characters)

Include:

- Description
- Location
- Printer Name
- Contact
- Mac Address
- IP Address
- Printer SN

Event Message Timer

Event/Message Delay (in seconds): (0-999)

• Advanced Configuration • Mail Notification

Printer Status

Printer:	T2380
Online Status:	Online
Processor State:	idle
Locked Menu:	Menu 1
Status / Error:	None
Firmware:	v0.70337v1 PRO
Serial No:	92918604
Asset No:	929F18604
Fb. No:	
Panel Lock ON	

TallyCom Status
Virtual Control Panel

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In this example, the online message is set to “Printer is Online”, and information on Description, Location, and Printer Name will be added to the email. In this example, the event timer is set for 10 seconds after the event occurs and will be sent only once, unless the printer is rebooted or the state changes. If the timer is set to 0, no email message will be sent, regardless of whether the user box has been selected. Selecting the “Save” button will set these values.

Logical Printers

The logical printers page will add text or commands to the beginning and ending of print jobs. This is done by pre and post strings, defined in each of the logical printers. For entering binary data in these strings, the backslash character is used followed by 2 hexadecimal digits. Examples of this are \1b for an escape character, \0a for linefeed and \\ for backslash.

Selecting the Logical Printers link gives the following page which lists seven print possible logical printers plus Raw Port, which is port 9100:

WebPanel Homepage - Windows Internet Explorer
<http://172.20.10.35/html/index.htm>

WebPanel T2380

Tally®

Logical Printers

Select a logical printer to configure.

Printer 1

Description	Queue Name
LPR1	LPR1
LPR2	LPR2
LPR3	LPR3
LPR4	LPR4
LPR5	LPR5
LPR6	LPR6
LPR7	LPR7
Raw Port	RAW

• Advanced Configuration

Printer Status

Printer: T2380
 Online Status: Online
 Processing State: Idle
 Loaded Menu: Menu 1
 Status / Error: None
 Firmware: ID70337v1 PRO
 Serial No: 92918604
 Asset No: 92918604
 Fb. No: 92918604
 Panel Lock ON

TallyCom Status
 Virtual Control Panel

[| Home | Advanced Configuration | Technical Support | Logout |](#)
100%

When selecting one of the logical printers under the Description column, the following page is displayed:

WebPanel Homepage
<http://172.20.10.35/html/index.htm>

WebPanel T2380

Tally®

Logical Printer Configuration

General Settings:

Enabled Description: LPR1

LPD Queue Name: LPR1

Automatically convert all LF to CR and LF

Note - for entering binary data use the backslash character followed by 2 hexdecimal digits such as \1b for an escape or \0a for a line-feed or \1f for backslash or \26 for an ampersand.

Note - for string replacement use this format \string1\substitution1\,\string2\substitution2\ For example \12CPMA\0\,\\$BLPLY\1\0\

Pre-string: Beginning of Job [0d0a]

(max. 127 characters)

Sub-string: \1B\0A19\1B\4196\

(max. 127 characters, max. 10 substitutions)

Post-string: End of Job \0c

(max. 127 characters)

Save • Advanced Configuration • Logical Printers

Printer Status

Printer: T2380
 Online Status: Online
 Processing State: Idle
 Loaded Menu: Menu 1
 Status / Error: None
 Firmware: ID70337v1 PRO
 Serial No: 92918604
 Asset No: 92918604
 Fb. No: 92918604
 Panel Lock ON

TallyCom Status
 Virtual Control Panel

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100%

In this example if the Enable checkbox is checked, the pre-string of "Beginning to print job" followed by a CR/LF will print at the beginning of every job sent to this LPR Queue. At the end of the print job, the message "End of job" with a formfeed will print. Unchecking the Enable checkbox will not send the pre or post strings. The LPD Queue Name is name of the print queue that comes from the host. The Description can be changed by the user and does not have to match the LPD Queue Name.

String Replacement Example Plain Text

/OriginalText/NewText/

String Replacement Example Commands

\1B[8419t\1B[4196t\

Control codes are entered with a back slash "\".

In this example the Formlength of A4 (8419"/720) represented by "1B[8419t" is being replaced by the string "1B[4196t" (4196"/720) which results in A5.

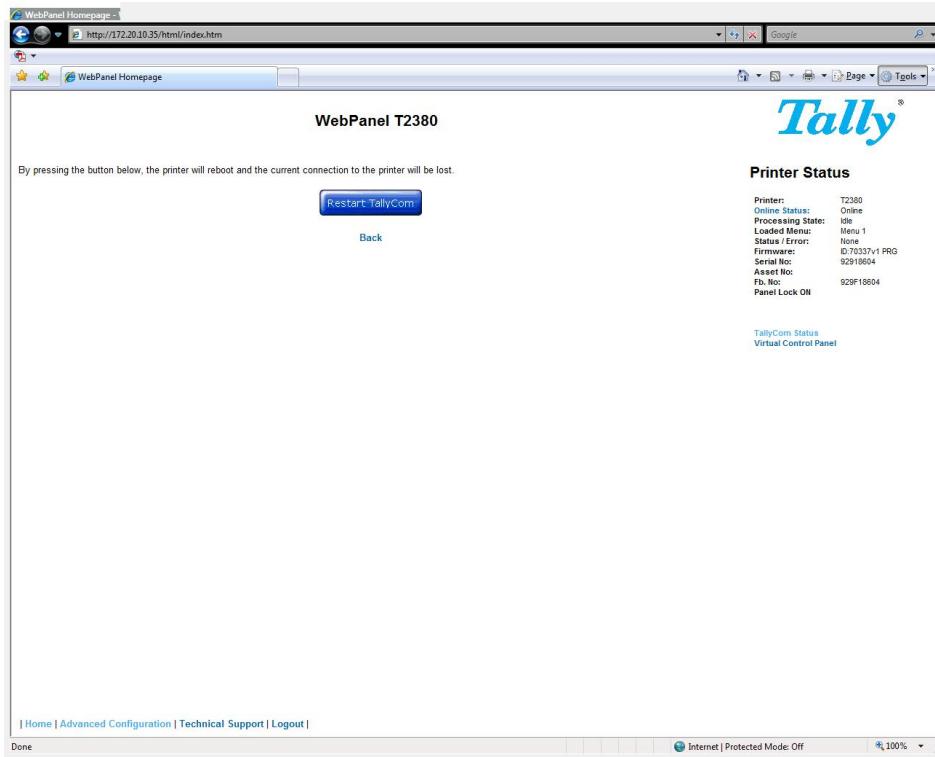
Multiple strings are separated by a semicolon ":".

Logout of TGNet

The Logout link disconnects the browser session from the printer. Clicking on the "Home" link reestablishes the connection.

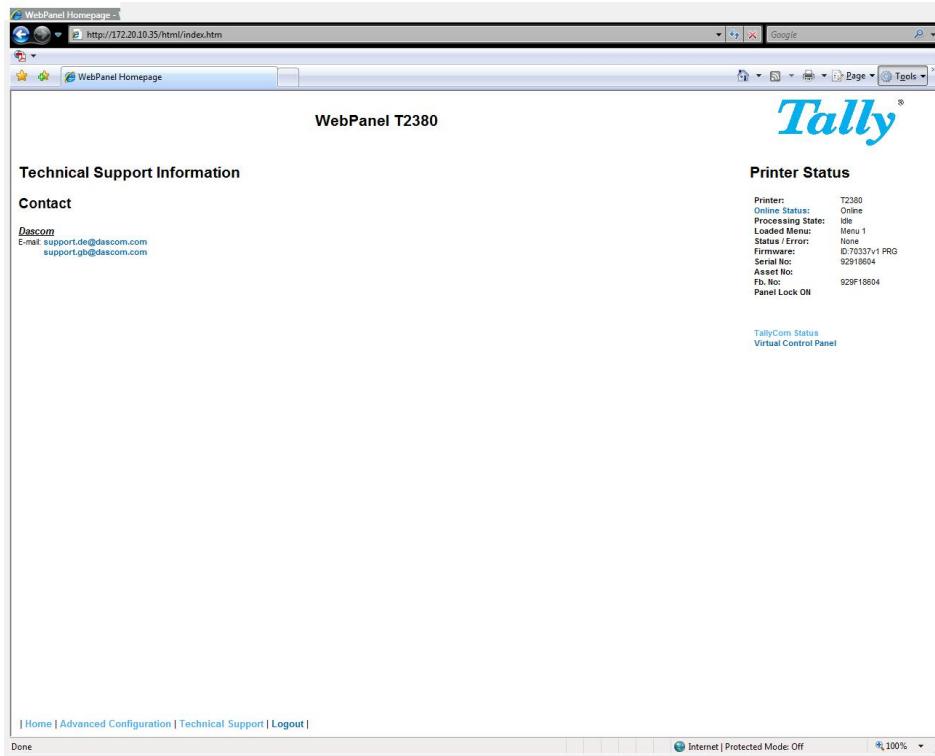
Restart TGNet

Selecting this link will reboot the printer and disconnect the current printer connection. It is used to reset certain TCP/IP variables that were set in the General and TCP/IP pages. Once TGNet has restarted, those new setting will take effect. When this link is selected, the follow page is displayed, giving the user the option to continue or not.



Technical Support

This link at the bottom of the page gives email links for support. Selecting one of these links will execute the mailer program associated with the browser to allow the user to send email for technical support.



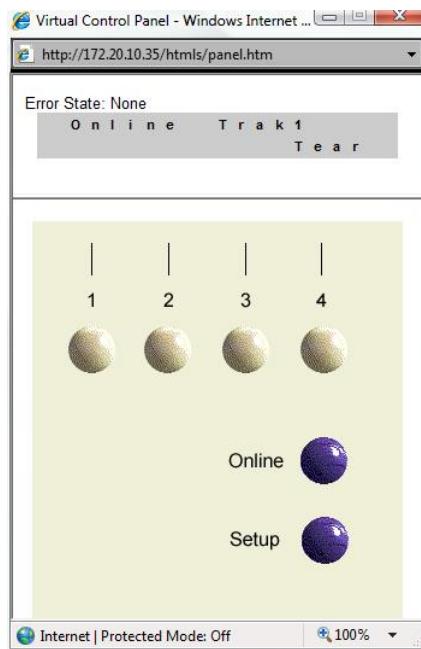
Logout

The Logout link disconnects the browser session from the printer. Clicking on the “Home” link reestablishes the connection.

Virtual Control Panel

The Virtual Control Panel link is in the Printer Status area of the web page. This control panel is a visual representation of the actual control panel on the printer. It allows the user to remotely read and set panel information as if they were standing at the control panel. The functionality of the virtual panel is identical to the physical panel.

Before using the virtual panel, it is important to configure the browser to allow popup windows from the printer, otherwise the panel will not display. Once the browser is configured, the page will look similar to this:



The Virtual Control Panel will be the active window. This window will show the current error state and display the contents of the printer's LCD display. Selecting the buttons on the display will behave the same as if selecting the buttons on the printer itself. The LCD information on the virtual panel refreshes every 15 seconds. The physical panel, virtual panel and Online Status in the Printer Status are all active, so there may be some synchronization delay issues if a user presses a button on the physical printer or the Online Status in the Printer Status area. The Panel Lock feature affects the virtual panel in the same way as the physical panel. The only functional difference between the physical and virtual panel is that in the virtual panel, the LF/FF option will always do a FF.

To close the virtual panel, click on the red X in the upper right of the window.

Note:

This feature needs the browser to allow pop ups.