

Toshiba Printer – Remote FTP printing

1. Printer Setup
 - a. Log in via http to the printer IP address: 10.1.1.10. Username = “admin”, Password = “045620”.
 - b. Under “Administration” tab | Setup | Print Service | FTP Print:
 - i. Enable FTP Printing = “Enable”
 - ii. Port Number = 21
 - iii. Print User Name = gcccc
 - iv. Print Password = print
 - c. The printer should be ready and must be left on/standby.
2. Network Setup
 - a. The printer IP address must be accessible from remote PC wanting to print. A DNS A record has been set up on cpanel:
 - i. From browser on the church office PC, type “whatismyip” to determine the Internet facing address.
 - ii. Then, from cpanel for the website, create an A record “myip.gcccc.org.au.” to map to the address above.
 - b. To allow FTP printing from the Internet, the remote PC must be able to connect to the printer by FTP, this will typically involve:
 - i. A fixed DNS name accessible from the Internet to the ADSL modem Internet IP port: myip.gcccc.org.au.
 - ii. The ADSL modem must have port mapping defined such that port 21 traffic will be forwarded to the Printer IP address.
 - c. We also created a port mapping for http on port 8080 to allow the printer to be managed remote from the Internet:
 - i. The printer http admin interface can be accessed from a browser:
<http://myip.gcccc.org.au:8080/>.
 - d. For any outgoing email, we can use the Optus mail server “smtp.optusnet.com.au”. There is no need to quote username: gcccc, password: ahgacohs(?GcChurch2007)” in most cases.
3. Remote PC Operation
 - a. Need to install either the Toshiba PCL or Postscript driver (as FTP printing only supports this type). Install the driver and specify the local port as “FILE:” for printing to file (.prn).
 - b. FTP client – either use MS-DOS or install a FTP client stating the username, password defined on the printer for FTP printing.
 - c. Format the print file
 - i. To format a file for printing, open the file and print it to the Toshiba print queue in a.
 - ii. Set up all appropriate settings, e.g. print orientation, 2-sided printing, specify edge, number of prints, etc.
 1. For church bulletin, use these settings:
 - a. Orientation = Landscape

- b. Finishing = 2-sided, edge on the left.
 - c. Number of copies = 100 (example)
- iii. These settings can be saved in a 'Profile' to be recalled the next time.
- iv. Press print, and a output *name_of_the_file*.prn file will be produced. Save it.
Example: c:\print\20110925.prn.
- d. Send the file for printing:
 - i. MSDOS > ftp myip.gcccc.org.au
 - ii. Then enter username: gcccc and password: print for the FTP print service.
 - iii. When FTP connection is established, type "put *name_of_the_file.prn*". This will send the job for printing. Example:
ftp> put c:\print\20110925.prn (then wait until the file has been transferred)
 - iv. Quit.
- e. Use <http://myip.gcccc.org.au:8080/> to check the job status. Login: admin, Password: 045620.

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Settings required on Toshiba e-Studio 255

1. Network: 10.1.1.10/255.255.255.0
2. Default gateway, DNS: 10.1.1.1
3. Username, password: admin, 045620
4. SMTP server: smtp.optusnet.com.au. Authentication Username, password: gcccc, ahgacohs.
5. FTP print: enabled and port 21. Username, password: gcccc, print.
6. User management: enable department code.
7. Counter reporting: automatic over Internet.