

Toshiba E-STUDIO AS/400 User Manual

Print solution

18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			

Table of Contents

•

Bookmarks

•

Quick Links

- 1 Axis Network Print Server
- 2 Installation
- **3 Installation Procedure**
- 4 General Settings

5 Installation

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Table of Contents

Next Page

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Summary of Contents for Toshiba E-STUDIO AS/400

Page 1 Guidance for AS/400 Print Solution...

Page 2 AS/400 Print Solution -...

Page 3: Software License Agreement

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Page 7: Preface

The e-STUDIO520/600/720/850, e-STUDIO281C/351C/451C, e-STUDIO352/452, e-STUDIO202L/232/282, e-STUDIO2500C/3500C/3510C, e-STUDIO165/205, e-STUDIO167/207/237, e-STUDIO523/603/723/853, e-STUDIO353/453, e-STUDIO203L/233/283, e-STUDIO2020C/2330C/2820C/2830C/3520C/3530C/ 4520C, e-STUDIO5520C/6520C/6530C, e-STUDIO283C/353C/453C, e-STUDIO205L/ 255/305/355/455, e-STUDIO555/655/755/855 and e-STUDIO182/212/242 provides powerful network printing capability with many output finishing options. Now a means exists to use the controller with an IBM AS/400 About this guide This guide is for network administrators who are familiar with the IBM AS/400 system.

Page 8 AS/400 Print Solution — Preface...

Page 9: Table Of Contents

General settings...28 IPDS emulator ...29 Custom copier driver...31 Problem Solving ...32 Problems and recommended solutions ...32 Customer service...32 2. WorkStation Customization Object for TOSHIBA e-STUDIO ...33 Overview...34 Components ...34 Finishing options and logical printers...34 Installation ... 35 Installation procedure ...35 Uninstallation ...40...

Page 10 AS/400 Print Solution — Table of Contents...

Page 11: Axis Network Print Server

1. AXIS Network Print Server AS/400 Print Solution — 1. AXIS Network Print Server...

Page 12: Overview

• AXIS 5570e Print Server • Client PC workstation • Custom Config file (Config_landscape) TOSHIBA TEC Products The configuration diagram illustrates the relationship among these components. AS/400 Server Client PC AS/400 Printing Solution components Print output generated by the AS/400 server passes through the AXIS 5570e Print Server that acts as a converter from IPDS into PCL print commands, which are then sent to your equipment.

Page 13: Finishing Options And Logical Printers

Finishing options and logical printers TOSHIBA offers several finishing options in addition to standard print commands com- ing from the AS/400. For example, stapling and hole punching are finishing options. The finishing options are grouped in several preconfigured sets, which you associate with up to eight logical printers.

Page 14: Installation

Installation procedure Install the AS/400 printing solution in two steps: 1. Set up the hardware 2. Set up the AS/400 printer Step 1: Set up the hardware • NOTE: The controller can be directly

connected to the AS/400 network at the same time. Thus, PCL-based or raw print jobs can be sent to it via the network, bypassing the AXIS 5570e Print Server device.

Page 15 AXIS 5570e in the location field. Press Enter. The internal Web pages of the AXIS 5570e will appear. AS/400 Print Solution — Installation Value Unique description, such as TOSHIBA *LAN *IPDS e.g. 5001 IP address of AXIS 5570e...

<u>Page 16</u> Click the Configuration Wizard for IBM sessions button. Delete the pre-configured PPR/PPD session. Pre-configured session is not available for TOSHIBA e-STUDIO series. Click the Add Session button. This will start the Configura- tion Wizard which is a step-by-step guide through the required configuration settings.

Page 17: Configuration

6530C e-STUDIO283C/353C/453C http://www.axis.com/techsup/prtsrv/axis_5570e/firmware.php Use AXIS 5570e IPDS printing when using TOSHIBA MFP. Update procedure Update procedure of the AXIS 5570e firmware using FTP: Open a Windows command prompt. Connect to the print server using ftp: Type ftp <ip address>...

<u>Page 18</u> The print server will restart in five seconds running the new software. Update procedure of the config file: Get the config file by FTP. Open a Windows command prompt and enter the following: ftp <ip address> default user name root default password pass get config Update the custom driver parameters from the config file;...

Page 19: Copier Model

Copier model When printing portrait data, select an appropriate copier model, e.g. Toshiba eSTUDI0520/600/720/850 or Toshiba eSTUDI0281C/351C/451C. When printing landscape data, select Custom copier driver for Copier model. P.31 "Custom copier driver" • NOTE: In using e-STUDI0167/207/237, choose e-STUDI0165/205. •...

Page 20: Only Pcl Available

Only PCL available In the Configuration Wizard for IBM sessions, select PCL for Printer Driver. PostScript is not available. Edit Session: Only PCL is available for IPDS Printer Driver under Edit Session. PostScript is not available. AS/400 Print Solution — Configuration...

Page 21: Available Finisher Options

Available finisher options The following options are available for the settings of Logical Printers or Edit Session. Duplex: Edit Session: Long Edge Binding and Short Edge Binding are available for Duplex under Edit Ses- sion. AS/400 Print Solution — Configuration...

Page 22 Logical Printers: LONG_EDGE_BINDING and SHORT_EDGE_BINDING are available for Copier Duplex under Logical Printers. Staple: Edit Session: Top Left Slant, Top Double, Left Double and Top Right are available for Staple under Edit Session. Center is not available. Selecting Center staples at the center of the paper, not in a book format. AS/400 Print Solution -...

Page 23 Logical Printers: TOP_LEFT_SLANT, TOP_RIGHT, TOP_DOUBLE and LEFT_DOUBLE are available for Copier Staple under Logical Printers. TOP_LEFT_HORIZONTAL, TOP_LEFT_VERTICAL, BOTTOM_LEFT, BOTTOM_RIGHT and CENTER are not available. Selecting CENTER staples at the center of the paper, not in a book format. • NOTE: e-STUDIO165/205 and e-STUDIO167/207/237 are not supporting the Staple Option.

Page 24: Hole Punch

Hole Punch: Edit Session: Long Edge and Short Edge are available for Hole Punch under Edit Session. Logical Printers: LONG_EDGE and SHORT_EDGE are available for Copier Hole Punch under Logical Printers. • NOTE: e-STUDIO165/205 and e-STUDIO167/207/237 are not supporting the Hole Punch Option.

Page 25 Fold: Fold option is not available. Edit Session: Logical Printers: HALF_FOLD and Z_FOLD are not available for Copier Fold under Logical Printers. AS/400 Print Solution — Configuration...

Page 26: Paper Source

Paper Source: Default and 1-4 are available for Paper Source. Default: Auto select 1: Upper Cassette 2: Lower Cassette 3: 1st Pedestal or Large Capacity Feeder 4: 2nd Pedestal Edit Session: AS/400 Print Solution — Configuration...

<u>Page 27</u> Logical Printers: 5 is not available for Copier Paper Sources under Logical Printers. Copies: The Copies option is for selecting the number of copies. AS/400 Print Solution — Configuration...

Page 28: General Settings

General settings Select DISABLE for Printer Information and Bidirectional control if extra data, which is specified as "PAGECOUNT", is printed. AS/400 Print Solution — Configuration...

Page 29: Ipds Emulator

IPDS emulator IPDS bin under the IPDS Configuration tab is used for setting the paper size. Statement, Ledger, Folio, Hagaki, Letter, Legal, A4 and A3 are available. Executive and Custom are not available. • NOTE: Statement and Hagaki are not supported in e-STUDIO165/205 and e-STUDIO167/ 207/237.

Page 30 For PCL Bin number, the available value for TOSHIBA MFP is as follows: 1: Upper 2: Bypass 4: Lower 5: Pedestal Upper or Large Capacity Feeder 7: Auto 21: Pedestal Lower AS/400 Print Solution — Configuration...

Page 31: Custom Copier Driver

Custom copier driver When you print landscape data with some finisher options enabled, you may need to use the Custom Copier Driver for correct output. Obtain the information about the Cus- tom copier driver functionality from AXIS COMMUNICATIONS web site. When you use the Custom Copier Driver, select "config_landscape"...

Page 32: Problem Solving

Problems and recommended solutions The following table provides suggestions for resolving printing problems. The finishing option needed for the current job did not occur. Document does not print AXIS 5570e Print Server can- not be discovered Customer service For help with AXIS 5570e Print Server questions, go to the AXIS COMMUNICATIONS section of www.axis.com.

Page 33: Workstation Customization Object For Toshiba E-Studio

2. WorkStation Customization Object for TOSHIBA e-STUDIO AS/400 Print Solution — 2. WorkStation Customization Object for TOSHIBA e-STUDIO...

Page 34: Overview

The configuration diagram illustrates the relationship among these components. AS/400 Server AS/400 Printing Solution components Print data generated with AS/400 can be printed out from a TOSHIBA MFP by relating them with OUTQ which was set up with the WorkStation Customization Object for TOSHIBA e-STUDIO.

Page 35: Installation

Set up AS/400 Server under the environment that allows you to use printing func- tions. • Set up a TOSHIBA MFP under an environment that allows you to use it in a net- work. • Connect the AS/400 Server and the TOSHIBA MFP with a LAN cable.

<u>Page 36</u> If an error message appears or you stopped the command by pressing [F12] or [F3], go to the following page: e-STUDIO" P.37 "Step 2: Setting up WorkStation Customization Object for TOSHIBA P.38 "Step 3: Starting up auto assign (resident) program" P.37 "Step 2: Setting up WorkStation Customization Object for TOSHIBA...

Page 37 * default tray type e-STUDIO5520C/6520C/6530C Enter "I" (InnerTray) or "S" (SideTray). If you use both of them, enter one, set up "WorkStation Customization Object for TOSHIBA e-STUDIO" and then set it up again for registering the other. Other models Enter "...

Page 38 Step 3: Starting up auto assign (resident) program This section describes how to

start up auto assign (resident) program. • NOTE: It is recommended to load the auto assign (resident) program into IPL. Login as a user with QSECOFR authority. Execute the command below to add a library "WTEC02"...

Page 39 The program is started up. • Execute a command [WRKACTJOB] to display the list. If the status of this pro- gram is displayed as "DEQA" in the list, the program is properly started up. • If the name of OUTQ to be monitored or a job queue to be used is incorrect, the status of this program is displayed as "MSGW"...

Page 40: Uninstallation

Uninstallation procedure Step 1: Uninstalling WorkStation Customization Object for TOSHIBA e-STUDIO Execute a command [WRKACTJOB] and then select a resi- dent OUTQ monitoring program. Then enter option "4". Now the resident program exits. • NOTE: Turn the power of the printer to be used OFF before starting uninstallation; other- wise the program will exit in the middle of the uninstallation.

Page 41 Execute a command [DLTOUTQ OUTQ(library name / OUTQ name *1: It shall be the OUTQ name specified at the installation or the setup. Execute a command [ENDWTR OUTQ name disconnect the printer. *1: It shall be the OUTQ name specified at the installation or the setup. AS/400 Print Solution —...

Page 42 • NOTE: The part "01" after the OUTQ name shall be changed from "01" through "07" as you repeat this command seven times. Execute a command [WRKOUTQ OUTQ name that no spool remains. *1: It shall be the OUTQ name specified at the installation or the setup. *] to confirm AS/400 Print Solution —...

Page 43 If "Files" is a value other than "0" and also there are remaining spools, select option "5" to delete the remaining spools. Execute a command [DLTLIB WTEC02] to delete the product library. AS/400 Print Solution — Uninstallation...

Page 44: Operation

Operational procedure Follow the procedure below to operate the WorkStation Customization Object for TOSHIBA e-STUDIO. Specify print file script (ORIENTATION, STAPLE, DUPLEX and DRAWER) for a document to be printed with the MFP. For the details of file script parameters, see the following page: Change a job to alter the OUTQ specified at the installation or the setup to the one for printing functions.

Page 45: Print File Script

Print file script Specify print file script below according to the printing style of a document to be printed with an MFP. ORIENTATION Portrait STAPLE DUPLEX DRAWER Example: The examples of commands for print file script are as follows: Portrait + DUPLEX SHORT_EDGE + STAPLE TOP_LEFT: CHGPRTF FILE (library name / spool file name) DUPLEX(*TUMBLE) CORNER-STPL(*TOPLEFT) Automatic drawer selection...

Page 46 LONG_EDGE: DUPLEX(*YES) Portrait Landscape SHORT_EDGE: DUPLEX(*TUMBLE) Portrait Landscape ABCD ABCD ABCD ABCD AS/400 Print Solution — Operation ABCD E... ABCD ABCD ABCD E...

Page 47: Appendix

Stapling specifications Printing Specifications Por- OUTQ*1 trait/ STAPLE Land- scape 1 xxxxxx01 Portrait Land- scape 2 xxxxxx02 Portrait TOP_LEFT 3 xxxxxx03 Portrait TOP_RIGHT Land- TOP_LEFT scape 4 xxxxxx04 Portrait TOP_DOUBLE Land- LEFT_DOUBLE scape 5 xxxxxx05 Portrait LEFT_DOUBLE 6 xxxxxx06 Land- TOP_RIGHT scape 7 xxxxxx07 Land-...

Page 48: Printing Character Size - Reference Values

Printing character size - Reference values Paper Size LT-R LG-R LD-R A3-R A4-R CO-R FO-R ST-R Line Char. CPI(10) CPI(15) CPI(15) CPI(10) CPI(15) CPI(1

Page 49: Glossary

Duplex The process of printing on both sides of a sheet of paper. Finishing option A feature

provided by TOSHIBA printers and copiers for doing such things as stapling and hole punching documents. Gateway address The default address that provides a single point of entry to a network.

Page 50 AS/400 Print Solution — Definitions of Terms...

Page 51 DP-2090/2520/3000/3570/4570 DP-5550/6550/7550/8550 FC-2020C/2330C/2820C/2830C/3520C/3530C/4520C FC-5520C/6520C/6530C DP-1670/2070/2370 FC-2500C/3500C/3510C DP-1650/2040 FC-281C/351C/451C DP-5200/6000/7200/8500 DP-3540/4540 DP-2050/2340/2840 DP-1830/2120/2420 OME06005510...

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