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Security Precautions

In order to correctly utilize the product’s security features, be sure to take the following precautions. To avoid physical security problems such as hardware removal or inappropriate disassembly, take appropriate security measures including monitoring persons entering and leaving the site.

When connecting this product with an outer network such as the Internet, make sure the network environment is protected by a firewall, and that communication occurs over secure channel (such as SSL) to prevent information from being leaked resulting from incorrect settings, and to avoid illegal access by unauthorized users.

To prevent the unauthorized change in configuration settings, make sure the default administrator password is changed before using this product. For further protection, the administrator password should be changed periodically.
Introduction

Congratulations on purchasing eConnect for Pharos Uniprint.

eConnect for Pharos Uniprint delivers connectivity between Toshiba MFPs and Pharos servers through software applications called connectors. eConnect for Pharos Uniprint connectors allow the MFP user to print from the Pharos print queue and transmit copy usage data back to the Pharos server.

Overview

The eConnect for Pharos Uniprint is installed onto a server using the eConnect Installation Wizard. Once installed, the installer will launch eConnect Administrator for you to configure the newly installed connector. From eConnect Administrator, you will assign the connector a name and set the connector’s default settings.

After configuring the connector, you will point one or more Toshiba MFP to the Connector using TopAccess. Once this connection is established, the eConnect for Pharos Uniprint application becomes accessible from the MFP front panel.

The remaining sections of this guide provide instruction for installing, configuring, and establishing connectivity between the eConnect Connectors with a Pharos and a Toshiba MFP Device.

In addition to this document, review the README and End User License Agreement. These documents can be found in the en-US folder of the eConnect Installation media.
Requirements

The eConnect for Pharos Uniprint is deployed to a single server Machine – the eConnect Server.

**IMPORTANT.** It is recommended that you do not install the eConnect for Pharos Uniprint connector onto the same system as the Pharos Uniprint Server.

**System Requirements:**

| Operating System | Win 7 SP 1 x64  
|                  | Professional, Enterprise, Ultimate  
|                  | Win 8.1 x64  
|                  | Professional, Enterprise  
|                  | Win 10 x64  
|                  | Professional, Enterprise  
|                  | Server 2008 R2 SP1 x64  
|                  | Web, Standard, Enterprise, Datacenter  
|                  | Server 2012 x64  
|                  | Standard, Datacenter  
|                  | Server 2012 R2 x64  
|                  | Standard, Datacenter  
|                  | Server 2016 x64  
|                  | Standard, Datacenter  
| SQL Server       | 2008 SQL Server Express R2  
|                  | 2012 SQL Server Express R2  
| IIS              | Installed  
| .NET Framework 4.5 | Installed  
| CPU              | 2.5 GHz (Minimum)  
|                  | 3.0 GHz (Recommended)  
| Memory           | 2.0 GB (Minimum)  
|                  | 6.0 GB (Recommended)  
| Hard Disk        | 40GB (Minimum)  
|                  | 80 GB (Recommended)  

**Figure 1:** System Requirements
MFP Requirements:

<table>
<thead>
<tr>
<th>Device Model</th>
<th>Firmware</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toshiba e-BRIDGE Next</td>
<td></td>
</tr>
<tr>
<td>e-STUDIO8508A Series</td>
<td>SYS 1043</td>
</tr>
<tr>
<td>e-STUDIO5008A Series</td>
<td>SYS 1043</td>
</tr>
<tr>
<td>e-STUDIO7506AC Series</td>
<td>SYS 1043</td>
</tr>
<tr>
<td>e-STUDIO5005AC Series</td>
<td>SYS 1043</td>
</tr>
<tr>
<td>e-STUDIO2500AC Series</td>
<td>SYS 1043</td>
</tr>
<tr>
<td>Toshiba e-BRIDGE X 2ND Generation</td>
<td></td>
</tr>
<tr>
<td>e-STUDIO857 Series</td>
<td>SYS 1273</td>
</tr>
<tr>
<td>e-STUDIO507 Series</td>
<td>SYS 1273</td>
</tr>
<tr>
<td>e-STUDIO527S Series</td>
<td>SYS 2173</td>
</tr>
<tr>
<td>e-STUDIO6570C Series</td>
<td>SYS 1273</td>
</tr>
<tr>
<td>e-STUDIO5055C Series</td>
<td>SYS 2183</td>
</tr>
<tr>
<td>e-STUDIO2550C Series</td>
<td>SYS 2183</td>
</tr>
<tr>
<td>e-STUDIO407CS Series</td>
<td>SYS 2370</td>
</tr>
<tr>
<td>Toshiba e-BRIDGE X 1ST Generation</td>
<td></td>
</tr>
<tr>
<td>e-STUDIO856 Series</td>
<td>SYS 2133</td>
</tr>
<tr>
<td>e-STUDIO506 Series</td>
<td>SYS 2133</td>
</tr>
<tr>
<td>e-STUDIO6550C Series</td>
<td>SYS 4133</td>
</tr>
<tr>
<td>e-STUDIO4540C Series</td>
<td>SYS 4133</td>
</tr>
</tbody>
</table>

MDS Mode must be enabled for any connected MFP

- Set 08-3640 to 1

Browser Requirements:

- Microsoft Internet Explorer
  - Version 10
  - Version 11
- Microsoft Edge
  - Version 14
  - Version 13
- Chrome
  - Version 55
  - Version 54
- Firefox
  - Version 51
  - Version 50
Pharos Uniprint Server Requirements:

- Pharos Uniprint Server version 9.0.
  - Enabled with SSL
- Release Station name used must be the IP address of the connected MFP.
- Charging Model
  - Up to 6 categories per charging model
- Toshiba iMFP terminal configuration
  - Only 10.0.0.5 terminal type

Figure 4: Pharos Uniprint Server Requirements

Card Reader Requirements:

- Elatec TWN4
  - Set 08-3500 to 60001
- Elatec TWN3
  - Set 08-3500 to 90001
- Magtek
  - Set 08-3500 to 60001 or 70001
  - Set 08-3501 to track number*

Note: MFP Supports up to 64 characters*.

Figure 5: Card Reader Requirements
eConnect Installation

Installation Overview

During installation, both the eConnect for Pharos Uniprint and eConnect Administrator will be installed.

The following components will be installed automatically during installation (only if it is not found on your system).

- Toshiba e-BRIDGE License Activation Client v1.2.
- ImageMagick® 6.5.4-6

To uninstall a connector, use your operating systems uninstall program.

Note: Microsoft.NET Framework, Microsoft SQL Server Express 2012 R2, and ImageMagick will not be uninstalled automatically.

IMPORTANT. Before running the installer, Internet Information Services (IIS) must be installed.

eConnect Installer

setup.exe

Run the setup.exe from the eConnect for Pharos installation package. Select the eConnect for Pharos Uniprint.
e-BRIDGE License Activation Client v1.2

e-BRIDGE License Activation Client system software will display automatically and install during the Connector installation.

- You will be prompted to enter your company name.

A thirty day (30) trial License will be created at installation of the License System. To license the software for ongoing operation, you must activate the license using the License System software. For details, see the "Licensing System" section.
**Image Magick 6.5.4-6.**

ImageMagick is used by eConnect for image processing and must be installed for eConnect to run correctly. For your convenience, the ImageMagick Setup is invoked from the eConnect installer.

Advance through the ImageMagick setup screens until you reach the one titled, “Select Additional Tasks” (shown below).

Click **Next** to continue.

![ImageMagick Select Additional Tasks screen](image)

**Figure 8:** ImageMagick Select Additional Tasks screen

**eConnect for Pharos Uniprint Software**

Once all requisite software is installed, the installer will continue through the eConnect installation wizard. **Accept the license agreement and continue to accept all prompts and default selections.**
You will be prompted to enter a port number for the eConnector Server. **Enter a numerical value between 1000 to 60000.**
You will be prompted for the SQL Authentication Mode.

Click **Next** to continue.

![Figure 12: eConnect for Pharos Uniprint Installation](image)

You will be prompted for setting the SQL server to Mixed Mode setting.

Click **Yes** to continue.

![Figure 13: SQL Server Mixed Mode](image)

Once complete, eConnect Administrator will be launched automatically. Additionally, a program shortcut for the eConnect Administrator application and documentation will be created.
Pharos Uniprint Server Configuration

After you install the eConnect for Pharos Uniprint software, you must configure the Pharos Uniprint Server.

**Basic Configuration of Charging Models**

On the Pharos Uniprint Server, adding Charging Models is available in **Charging → Third Party Charging context**. The Charging Models host categories of Cost Centers and Grants (budgeted Cost Centers).

The eConnect Server can support **up to 6** categories for a Charging Model. Typical environments will not exceed this limit.

To create a basic Charging Model: (example of Education environment)

1) Insert Charging Model – settings to configure
   - **Name** = name of the college

![Insert Charging Model](image-url)

*Figure 14: Insert Charging Model*
2) **Insert Category** – settings to configure

- **Name** = name of the faculty
- **Enable User Constraints** = Yes or No (user permission access)
- **Enable User Group Constraints** = Yes or No (user group permission access)

![Insert Category](image1.png)

**Figure 15:** Insert Category

3) **Insert Cost Center** – settings to configure

- **Cost Center Name** = education curriculum

![Insert Cost Center](image2.png)

**Figure 16:** Insert Cost Center

4) **Insert Grant** – settings to configure

- **Cost Center Name** = education curriculum
- **Grant Budget** = available funds to charge against
Important. Consult with your Pharos Uniprint Administrator for advanced configurations.

Adding Toshiba MFP(s) to Pharos Uniprint Server

In order to add a Toshiba MFP, you must 1) Insert a Device in Output Management context and 2) Insert a Network Terminal in Release Stations context.

- **1) Insert Device** – settings to be configured
  - Name = IP Address of the MFP
  - Device Functions = Copy, Print
  - Related Print Groups = Mobile Print Group, Secure Group
  - Network Address = IP Address of the MFP
2) Insert Network Terminal – settings to be configured. **Restart IIS Service on the eConnect Server after Change Control for a Release Station.**

- **Name** = IP Address of the MFP
- **Terminal Type** = Toshiba iMFP 10.0.0.5
  - If the terminal type does not exist, then you can add by following these steps.
    1) Scroll down on the list of terminal types
    2) Select Other
    3) Browse to the eConnect Server for the terminal.config file.
      - Typically in this path: `C:\inetpub\wwwroot\TABS\UniPrintAdmin\bin`
      - If you cannot browse, then copy the file over to the Pharos Server.

- **Station Functions** = Copy Station, Print Station
- **Related Printers** = IP Address of the MFP (should be listed from Step 1)
- **Related Copier** = IP Address of the MFP (should be listed from Step 1)
- **Allow Charge to Personal Account** = Yes (if required)
- **Charging Model** = Select an available model (if required)
  - **Important.** Read the [Pharos Uniprint 9.0 R2 Configuration Guide](#) for advanced charging model settings.
- Click on **Change Control** to save settings.
- Restart IIS on the eConnect Server.

![Image of Insert Network Terminal](image)

**Figure 20:** Insert Network Terminal

### Define Home Directory and Email Address for One or More Users

You can optionally set the Home Directory for different users. You should do this if you want your system to support users across more than one domain. If you do not need to support users from different domains, you can simply identify the Home Directory in the eConnect for Pharos Administrator. The home directory specified in the Pharos Uniprint Server will overwrite any default directory identified in the eConnect for Pharos Administrator.

From the Pharos Uniprint server click the **Users**→**Accounts Context** and then for each user, enter the Home Directory in the **Custom Field 1** of the **General section**. Only **Custom Field 1** is supported.
If you use this Home Directory, you must turn on Home Directory in TopAccess. Similarly, if you do not use Home Directory, you must turn off Home Directory in TopAccess. For further instruction, see the description for settings, Scan to File Destination (Setting Home Directory).

Figure 21: Pharos Uniprint Server Custom Field 1 & Custom Field 2

Configure Email Address for Custom Field 2
To allow MFP defaults function to fill-in To and From Address fields with the Custom Field 2 value.

Configure Secure Release Here® on Pharos Server
Read the Pharos Uniprint 9.0 R2 Configuration Guide section on Configuring Secure Release Here® for instructions on how to create a secure print queue on the pharos server.
eConnect Server Configuration

Firewall Rules for the eConnect Server

Make sure your Network and Firewall allows communication between Toshiba Devices and the eConnect Server.

- Configure **Inbound Rule** on the eConnect server on port **10800 (TCP)**

![Figure 22: Firewall Rule: Inbound Port](image)

- Configure Outbound Rule on the eConnect server for port **49629 (TCP)**.

![Figure 23: Firewall Rule: Outbound Port](image)
Installing a Pharos Certificate

By default, the generic Pharos CA certificate is applied to the eConnect Server. The Pharos CA certificate is required to verify the server certificate during any SSL session between the eConnect Server and the Pharos Uniprint Server.

To apply your own signed Pharos CA certificate, use the following instructions.

To install the CA certificate on the eConnect Server:

1. Copy the Pharos CA certificate that you received in the Pharos installation package, to the eConnect Server. (If you cannot find the CA certificate in the Pharos installation package, then contact Pharos technical support.)
2. Browse to locate the Pharos CA certificate. The certificate is called PharosCACertificate.crt. Double-click the certificate. If prompted, select Open.
3. Click Install Certificate on the dialog that opens. This starts the Certificate Import Wizard.
4. Click Next on the opening screen.
5. Select Place all certificates in the following store on the Certificate Store screen and click Browse.
6. Select the store Trusted Root Certification Authorities → Local Computer and click OK. (You may need to check the Show physical stores box to see this store.)
7. Click Next.
8. Click Finish.
eConnect Administrator

From your Windows Start Menu, click the **eConnect Administrator** application shortcut to launch eConnect Administrator portal.

![Program Icon](image)

**eConnect for Uniprint Connectors Page**

Once you have signed in, you will be taken to the Connectors page where you will see all of the eConnect for Pharos connectors. To configure the eConnect connector for the first time, click the *Configure* link, or the connector icon, to invoke the *Connector Configuration page*.

Prior to configuration, the connector icon is gray or “disabled”. Once the connector has been configured, the connector icon is “enabled”, and the connector’s corresponding URL is shown.
Clicking the Configure link or the connector icon will open the configuration page allowing you to edit your configuration settings.

- Clicking the Duplicate link will create a duplicate copy of the connector. Once duplicated, you will need to edit the connector settings. Creating another instance of the connector allows you to configure different settings for different MFPs.
- Clicking the Close box will remove the connector and delete the associated settings. You can remove all but one connector.
Figure 26: Connector Page – Connector is Configured
eConnect Menu

The eConnect Menu contains items that pertain to all connector instances.

Export Job Log

Exports a CSV file of jobs sent from eConnect.

Export Diagnostic Events

Exports a detailed event log used for troubleshooting. This should only be exported when requested by a Toshiba dealer.

Add Custom Logo…

The Add Custom Logo feature allows you to personalize the eConnect Sign In screen by adding a custom image such as a corporate logo. The Add Custom Logo menu item will invoke a popup allowing you to browse for an image to be uploaded. Note that the image must be 312 x 85 pixel .png format based on a 256 color palette. Once uploaded, the selected image will appear in the upper left corner of the connector Sign In Screen, replacing the default eConnect logo.
You can add a corporate logo to the eConnect Login Screen. The logo will appear in the upper center portion of the screen.

The image must be a .png file format using 256 color palette. The dimensions of the logo must be exactly 312 x 85 pixels. For more information see the Administrator Guide.

Logo Image: Choose File  No file chosen

[Upload  Cancel]

Figure 28: Add Custom Logo Popup

About

The About popup shows the eConnect for Pharos Uniprint copyright information.

Figure 29: About box
Configure eConnect Connectors

The Configuration page contains settings to configure the eConnect server, and test the communication between the eConnect server and the Pharos Uniprint server.

**Note:** For a successful test, the **Test Server Settings** requires a Release Station created & configured on the Pharos Uniprint server that references to **IP Address** of the Toshiba MFP being tested.

![eConnect Administrator Configuration](image)

**Figure 30: eConnect Administrator Configuration**
eConnect Server Settings

At the top you will need to configure eConnect server settings.

![Server Settings](image)

**Figure 31: Server Settings**

- **Connector Location Label**: This is the eConnect connector server location. This location is used when pointing Toshiba MFPs to the connector to establish connection as described in the section titled, *MFP Assignment*.

- **Connector Name**: Create a unique name for this connector. As you type, the Connector Location Label will update dynamically to create a unique location for the connector instance on the eConnect server.

- **Pharos Server**: Enter the location of the Pharos Uniprint server including port number.
  
  - *For SSL support, you must use the FQDN of the Pharos Uniprint server.*

- **User Name and Password**: A Pharos User Name and Password. This will be used to send job data from the Toshiba MFP to Pharos Server.

- **EDI Service Password**: The Pharos Uniprint server’s EDI Service password.

**Test Server Settings**: Click the link to test the connection between the eConnector server and the Pharos Uniprint server. *You will be prompted to enter a Toshiba MFP IP Address that is already added and configured to the Pharos Uniprint server as a Release Station to test your connection.* Once the test is complete, you will receive notification of success or failure.
Configuration Tab

The Configuration Tab contains the following items to be configured for the connector to work properly in your environment.

- **Login Credentials**
  
  *User Login setting:* the user must login to the eConnect connector, from the MFP front panel, using their Pharos user name and password.

- **Scan to File Destination (Setting Home Directory)**
  
  ![Image of credentials input field]

You can optionally indicate a file destination for retaining your employees’ scan jobs. If you use this feature, the location entered will serve as a root folder. A subfolder will be created for each registered user to store his/her scan jobs, if the credentials used have permission to access the folder.

You must indicate whether this folder is public or whether credentials are required to access the folder.
If you use this feature you must turn on Home Directory in TopAccess. Similarly, if you do not use this feature, you must turn off Home Directory in TopAccess.

To enable or disable Home Directory in Top Access:

1. Login to TopAccess as an Administrator
2. Navigate to the Administrator Tab and then to the Security Sub Tab.
3. From the Authentication section, Enable Home Directory

Figure 33: Home Directory
Toshiba MFP Configuration

The Toshiba MFP must be configured to run the eConnect application by enabling MDS Mode and registering the EWB settings.

Enable MDS Mode from TopAccess

1. Login to TopAccess as an Administrator
2. Navigate to the Administrator Tab and then to the Security Sub Tab.
3. Select Enable for the User Authentication setting.
4. Select Print for the Authentication failed print job/Raw Print Job setting.
5. Select MFP Local Authentication for the Authentication Type setting
6. Select Disable for AutoChange Login User
7. Check Card ID is used as User Name
8. Click Save to save your changes
9. Select Setup
10. Select Enable for the MDS Mode setting.

Important. Contact your authorized Toshiba Dealer to enable MDS Mode setting for the Toshiba MFP if it’s not available. Request to set the service code 08-3640 to 1.
### User Authentication

**Figure 34:** User Authentication

<table>
<thead>
<tr>
<th>User Authentication Setting</th>
<th>Enable</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Authentication</td>
<td>Enable</td>
</tr>
<tr>
<td>Copy</td>
<td>Enable</td>
</tr>
<tr>
<td>Fax</td>
<td>Enable</td>
</tr>
<tr>
<td>Print</td>
<td>Enable</td>
</tr>
<tr>
<td>Scan</td>
<td>Enable</td>
</tr>
<tr>
<td>List</td>
<td>Enable</td>
</tr>
</tbody>
</table>

**Authentication Type**

- MFP Local Authentication

**Authentication Link**

- Security Tab

**Authentication Method for Admin**

- User Name and Password

**Auto Release on Login**

- Disable

**Use Password Authentication for Print Job**

- It is not possible to print from other than Windows Client when this function is enabled.

**Enable Guest User**

- MFP Local Authentication
1. Open your web browser and enter the IP Address of the Toshiba MFP to open TopAccess.
2. Click the Administrator Tab and login to the TopAccess with the Administrator user name and password.
3. Once you have logged in Go to the Administrator Tab.

Figure 35: Card Authentication Settings

EWB Registration

MFP Assignment
4. Click on the EWB sub menu.
5. Enter the eConnect Administrator **Connector Location Label** into the TopAccess **Login URL in MDS Mode** text field.
6. If you want the connector to be the default page on the MFP, enter the eConnect Administrator **Connector Location Label** into the TopAccess **Home Page Setting**->**Home Page** text field. On Toshiba eBX MFP, this will allow you to access the connector by pressing the MFP **EXTENSION** button.
7. Make sure you click on the **Save** button at the top of the **Setup** page in TopAccess.

![Figure 36: Assigning the Connector using TopAccess](image-url)
Server Registration

1. Login to TopAccess as an Administrator
2. Navigate to the Administrator Tab and then to the Setup Sub Tab.
3. Go to the EWB Link
4. Enter the Connector URL into the Server Registration Setting Field
5. Click the Add button to add the URL to the Server Address list.
6. Click Save to save your changes

Figure 37: Server Registration Setting

Figure 38:
**URL List for Menu Screen and Hard Button**

1. Login to **TopAccess** as an Administrator  
2. Navigate to the **Administrator** Tab and then to the **Setup** Sub Tab.  
3. Go to the **EWB** Link  
4. Enter the Connector URL into the **URL List** Field  
5. Click the **Add** button to add the URL to the **Server Address** list.  
6. Click Save to save your changes

![Figure 39: Adding URL List for Menu Screen and Hard Button](image)
Enable Toshiba MFP Output Management Service

When MDS Mode is enabled, the ODCA settings are automatically defined. If settings are not defined, then you can manually enable by doing the following.

1. Login to the target MFPs **TopAccess** as an Administrator
2. Navigate to the **Administration** Tab and then to the **ODCA** Sub Tab
3. From the **Network** section, set **Enable Port** to **Enable**
4. Do not change the default **Port Number**
5. **Save** your settings.

![TopAccess Enable ODCA Port](image)

Figure 40: **TopAccess Enable ODCA Port**

Automatic Job Quota Mode

To control Copy and apply Cost Management, the MFP’s Job Quota mode is required to allow Hard Stop capability on Advanced User Accounts and Cost Centers defined as Grants. This mode is automatically set when you login to the eConnector.
The value of the Small/Large is mapped to the specific page size attribute as defined in Pharos Uniprint Job Cost Method. If not defined, then the value is mapped to the Default Cost per Page set in the Job Cost Method. In addition, TwinColor is mapped as color output.

The mapping can be re-defined by editing:

```xml
<add key="SmallPaperSize" value="A4|A5|B4|B5|Comm10|DL|Executive|Folio|Legal|Letter|Monarch|Statement" />
<add key="LargePaperSize" value="A3|Ledger" />
<add key="TwinColor" value="color" />
```

Note: The default mapping is defined using the MFP’s default parameters from factory. Job Attributes are not supported in calculating the Job Quota value.

To View the Job Quota Settings:

1. Login to the target MFPs **TopAccess** as an Administrator
2. Navigate to the **Administration** Tab and then to the **Counters→ Quota Setting**

![Figure 41: TopAccess Job Quota Mode](image)

Values auto update based on payment selection after you login to eConnector
eConnect Licensing System

e-BRIDGE License Activation Client is a client registration component which is bundled with your eConnect for Pharos Uniprint installer.

Registering a Software License

Each installation has a 30 day trial period during which you can use the software without registering. Once the 30 day trial period is complete, Connector will stop working until you complete the registration process.

1. Create Offline Deactivation Request File
2. Open L Activate Online
3. Create Offline Activation Request
4. Import Offline Activation Response File
5. Deactivate Online
6. log file
7. Configure Proxy Settings
8. Help
Automatic Registration

The eConnect Server must have internet access to take advantage of automatic registration. The user will need to enter the **Serial Number** and complete the **Site Details Tab** to register and activate the license.

1. On the eConnect Server, launch the e-BRIDGE License Activation Client by clicking **Start → All Programs → e-BRIDGE → Licensing → License Activation**.
2. On the Product List Pane, click the eConnect for Uniprint connector.
3. With Connector selected, you can view the corresponding information in the Site Details tab.
4. Enter the **Serial Number** and complete the **Site Details** tab.
5. Click on the icon of Configure Proxy Settings.
6. Proxy details can be entered on the Proxy Settings screen if access through a proxy server is required.

![Proxy Settings](image)

**Figure 43:** Proxy Settings
7. On the toolbar, click Activate Online icon.
8. The information you entered is sent to Toshiba America Business Solutions and your installation ID is returned. The Installation ID field under Site Details tab will automatically be populated.

Figure 44: License Activated
Connector License Information Update

Once Activated the License, the status of License in Admin page. The Trial License message turns into a **Registration Information** link, which you can click on for more details.

![Connector with License Activated](image)

**Figure 45:** Connector with License Activated

![Registration Information](image)

**Figure 46:** Registration Information
Manual Registration

Use this procedure to register your software if your eConnect Server does not have internet access.

1. On the eConnect Server, launch the e-BRIDGE License Activation Client by clicking Start → All Programs → e-BRIDGE → Licensing → License Activation.

2. On the Product List Pane, click the eConnect for Uniprint connector.

3. In the Serial number field enter the serial number that accompanied your Installation package or provided to you by your Toshiba Sales Representative.

4. Enter your details corresponding to your installation in the Site Details tab.

5. On the toolbar, click Create Offline Activation Request File icon to create a license registration request file.

6. Take the Activation request file to a machine with internet access and browse to the Licensing Website http://copiers.toshiba.com/apl_registration.

7. Select Register an Application.

8. Select your license registration request file and click Upload File.

9. Your activation response file can be downloaded via the supplied link.

10. On the toolbar, click Import Offline Activation Response File icon to activate the license. On successful activation, the eConnect for Pharos Connector in the Product List pane will be shown as licensed.
eConnect License Deactivation

Online Deactivation

The eConnect Server must have internet access to take advantage of online deactivation.

1. On the eConnect Server, launch the e-BRIDGE License Activation Client by clicking **Start → All Programs → e-BRIDGE → Licensing → License Activation**.

2. On the Product List Pane, click the Connector you want to deactivate.

3. If required, click the icon of Configure Proxy Settings and enter the Proxy Name, Username and Password.

4. On the Toolbar, click the Deactivate Online button.

5. The installation information is sent to the Licensing Website and your product is deactivated.

6. A success message is then displayed and the license status should change from Licensed to Trial or expired.
Offline Deactivation

Use this procedure to deactivate your license if your eConnect Server does not have internet access.

1. On the eConnect Server, launch the e-BRIDGE License Activation Client by clicking Start → All Programs → e-BRIDGE → Licensing → License Activation.
2. On the Product list Pane, click the Connector you want to deactivate.
3. Click Create Offline Deactivation Request File.
4. Once the Deactivation request file has been generated, your license will be deactivated and will revert to a trial license. If the trial period has expired, then you will be unable to use product.
5. Take the Deactivation request file to a machine with internet access and browse to the Licensing Website http://copiers.toshiba.com/apl_registration.
6. Click Unregister an Application.
7. Click Browse and navigate to the Deactivation file.
8. Click Upload.
9. A success message is then displayed and the license can be used on a different machine.
Invoke eConnect Application Button

Toshiba eBN MFP Front Panel

From the MFP, you can register the eConnect Server from the URL List as a button on the Home Panel UI. After registering, press the button to invoke the eConnect Application Button.

- Register a URL List as a button
  1. On the Home Panel, click on the Gear Icon Menu
  2. Enter the Admin password
  3. Select Button Contents

![Image of Gear Icon Menu and Button Contents]

Figure 47: Button Contents
4. Select an empty button space
5. Select Register From URL List

Figure 48: Register From URL List
6. Select the registered URL that pertains to the eConnect Server
7. Label the button (if necessary)

Figure 49: Select from URL List
Invoke the registered button

1. Press the registered button from the Home Panel screen

Figure 50: **Invoke Registered Button**
Toshiba eBX MFP Front Panel

From the MFP, you can press the Menu Button to invoke the eConnect Application Button.

Figure 51: MFP Menu Button
Invoking the Connector Application

Pressing the Connector Application Button (called *Extension*) invokes the eConnect Application.

![Connector Application (Extension) Button](image)

Figure 52: Connector Application (Extension) Button

Changing the “Extension” Label Name

The button on the LCD, used to activate the embedded web browser (EWB), is labeled “EXTENSION”. If you would prefer a more descriptive label, such as “Pharos”, you will need to use an 08 code. Consult with your authorized Toshiba dealer to set the service code **08-9955** to any 10 character name.
eConnect for Pharos MFP Screens

Sign In Screen

The user Signs In to the eConnect for Pharos Application by either swiping the user’s ID Card or manually entering their User Name and password.

**IMPORTANT.** To ensure that this is the default page shown on the MFP front panel, a set of service codes must be set. Check with your Toshiba dealer or Toshiba service technician to enable the MFP service codes required to show the Pharos Landing page by MFP default.

![Sign In Screen](image-url)
Logout of eConnect Application

Press the soft key “Logout” in the footer to properly logout of the eConnect Application.

![Logout Soft Key](image1)

Registration Screen

To register their card, the user must manually enter their credentials. This association is then created for subsequent logins.

- **Register Card & Login** registers the card and logs user into system (showing print queue)
- **Cancel** clears Card ID and User Name/Password (if entered) returns to **Sign In Screen**. Optionally, we can show **Not Registered Confirmation** Screen.

![Registration Screen](image2)
Must Select a Payment Account to Continue Landing Page

After login, you must select a payment account to continue.

Depending on your Pharos Uniprint environment, you may be presented with a Personal Account and a list of Cost Centers and Grants (budgeted Cost Centers).

You may directly land in the Print Job List page if your environment only allows only a Personal Account or a Cost Center.

![Must Select a Payment Account](image)

Figure 56: Must Select a Payment Account
Print Jobs List

The Print Job list contains the submitted print jobs with the associated costs.

Swiping vertically will scroll the list to show the next page of items. Tapping on either the top arrow or bottom arrow will scroll one item at a time.

Costs are calculated for up to 7 print jobs. Beyond 7, the system does not provide calculations. The cost per page or per job is defined by your Pharos Administrator in the Pharos Uniprint Server.

Figure 57: Print Jobs List
Select Print Jobs

The print jobs are highlighted when selected. The page will provide a summary of the total cost of the selection. For Personal Account and Grants, the total cost can be viewed against the available budget amount shown in the footer to allow you to make a decision of printing the selected or not.

![Select Print Jobs](image)

Figure 58: Select Print Jobs
Should you exceed the available budget for selected print jobs, the Total Cost will be displayed in red and the Payment account in the footer will display in yellow.

Figure 59: Exceed Budget
You may attempt at releasing the print jobs that exceeded the budget. However, the system will prevent you with a message of insufficient funds.

Figure 60: Insufficient Funds Message
Search for a Cost Center

You can search for a Cost Center or Grant by simply typing in the search field box. Then Click on the search icon.

**Note:** Search field is available when there are more than 7 Cost Centers or Nested Cost Centers for selection.

![Search for a Payment Account](image)

**Figure 61:** Search for a Payment Account
Nested Cost Centers

When there are multiple Cost Centers that are nested, you have the ability to go back up through the nested layers.

![Go Back Up](image)

**Must Select a Payment to Continue**

- Medical
- Personal Injury
- Tort Law

**Figure 62:** Go Back Up
Changing Payment

While in the print job list screen, you can change to another payment by pressing the Payment name in the footer.

Figure 63: Change Payment
## Icon Information

The following buttons are used to act on the print jobs.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Logout" /></td>
<td>Exits the Print Job List and returns user to the <strong>Sign In Screen</strong>.</td>
</tr>
<tr>
<td><img src="image" alt="Delete Selected" /></td>
<td>Deletes the selected print jobs. This is shown only if one or more print jobs are selected. The user will be forced to confirm the job deletion.</td>
</tr>
<tr>
<td><img src="image" alt="Refresh" /></td>
<td>Refreshes the print job list.</td>
</tr>
<tr>
<td><img src="image" alt="Select Payment Account" /></td>
<td>Select a Payment Account.</td>
</tr>
<tr>
<td><img src="image" alt="Go Back Up" /></td>
<td>Go Back Up the nested Cost Centers.</td>
</tr>
<tr>
<td><img src="image" alt="Search for Cost Centers" /></td>
<td>Search for Cost Centers.</td>
</tr>
<tr>
<td><img src="image" alt="Print Selected" /></td>
<td>Prints the selected print jobs. This is shown only if one or more print jobs are selected. The user will be forced to confirm the job deletion.</td>
</tr>
<tr>
<td><img src="image" alt="Print All" /></td>
<td>Prints all print jobs in the list</td>
</tr>
</tbody>
</table>
Status and Messages

A status will be shown when a device or print job condition occurs that may require user intervention. The error or warning message is shown in red and the Status button will temporarily take the user out of the connector to the Status section of the MFP.

**IMPORTANT. In order to receive status on the connector, SNMP must be enabled.**

Figure 64: Status, and Error & Warning Messages
Print Job Submitted

When one or more print job is submitted to the MFP, the device list is refreshed and an updated list of print jobs is shown.

Figure 65: Print Job(s) submitted
Delete Print Jobs

You can delete print jobs from the Print Jobs List. A pop-up message allows you to confirm the deletion.

![Image of Delete Print Job(s) dialog box](image)

Figure 66: Delete Print Job(s)