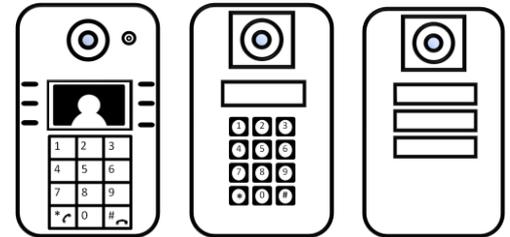


TIPT of Everything (ToE) – Cyberdata Door Stations ToE-SIP Generic Door Entry Intercom

The ToE Door Entry Intercoms are supplied through one of *Telstra's partners, Alloy Computer Products*.

The extensive range of TIPT Door Intercoms combines state-of-the-art technology, along with voice and video communication. From a simple one button camera device to a modern keypad control with colour screen that will impress all visitors to your door.

Our range is fully compatible with the SIP platform powering TIPT. They provide secure communication solutions to meet everyone's requirements, from micro sites to large enterprises.



Video quality will vary dependant on the band width available

Features include: Supports voice and video transmission; Effortless communication with people at your door; Reliable security for your premises; Equipped with built in camera so you can see who is standing at your door; High quality voice transmission with no background interference

Available in wall mount or flush mount, with optional rain hood

Purpose

The purpose of this document is to highlight the process involved in configuring the Cyberdata IP door entry intercom units for use with the Telstra TIPT of Everything (ToE) platform.

Setting up the intercom in TIPT

The setup of the Cyberdata IP Door Intercom is done through the Telstra CommPilot as outlined below.

Log into CommPilot

- Log into the Telstra TIPT CommPilot via the following link whilst on the private TIPT network;
 - <http://ews-exhi.tipt.telstra.com/Login/>
- Enter your Customer Group Administrator **UserID** and **Password** then click **Login**



Figure 1-1

Creating a user for the Cyberdata IP Door Entry Intercom Identifying a phone number to use

Before creating a new user within the CommPilot, we will first need to identify a service number which has not yet been allocated or assigned to another profile. To do this, from the group level portal page shown below, select '**Users**'.

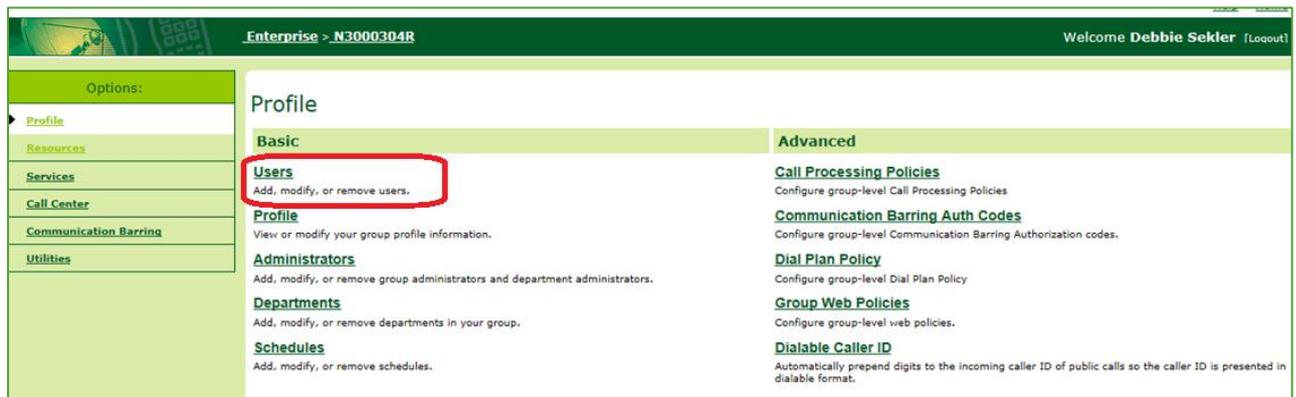


Figure 2-1

- From the **Users** page, search for a phone number whilst leaving the search criteria blank as shown below;

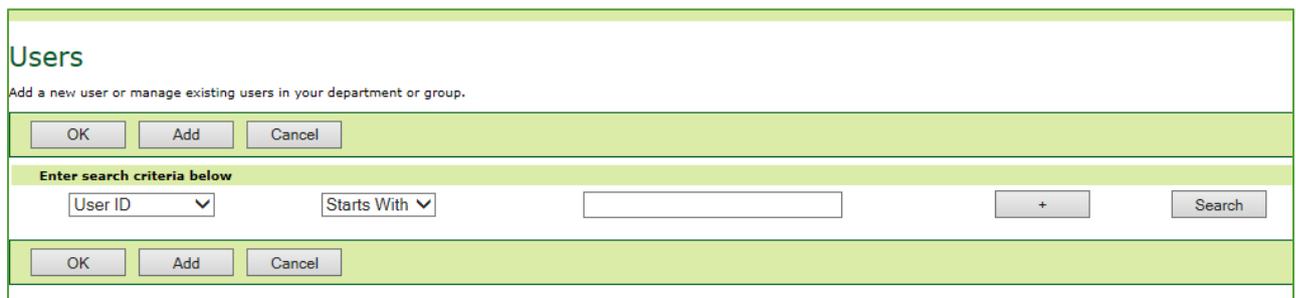


Figure 2-2

- This search will return a result similar to that shown in the following image. We will need to select a phone number which has not yet been activated, this can be found by identifying which service does not have a tick next to it under the activated column. Write this number down as we will need it shortly.

numbers.

OK

Enter search criteria below

Phone Number Starts With + Search

Phone Numbers ▲	User ID	Last Name	First Name	Extension	Department	Activated	Edit
		Reception	Call Center			✓	Edit
		TB Hunt Group	Hunt Group			✓	Edit
		Lakemaint	Call Center			✓	Edit
		NTS Consult CC	Call Center			✓	Edit
		NTS Enquiries CC	Call Center			✓	Edit
		NTS Welcome	Auto Attendant			✓	Edit

Figure 2-3

Creating the User

- Now that we have identified which service number is going to be used for our Cyberdata IP Door Intercom, we can move forward in creating the user within TIPT.
- Navigate back to the **Users** page from the Group Profile level, once there select **Add** to being creating a new user.

Users Add

Add a new user to your group.

OK Cancel

Enterprise: N3517627R Group: N3000304R

* User ID: 0392966324 @ uat-trial.com

* Last Name: Intercom * First Name: Door Entry

* Calling Line ID Last Name: Intercom * Calling Line ID First Name: Door Entry

* Initial Password: ●●●●●●●● * Re-type Initial Password: ●●●●●●●●

Department: None Language: English

Time Zone: (GMT+10:00) Australia/Victoria Network Class of Service: None

Figure 3-1

- Enter in the required details, marked with an asterisk (*).
- The User ID will be the service number or phone number that we wrote down earlier.

Assigning a Service Pack to the New User

- After creating your user, we will now need to assign a service pack to allow for functionality. To do this, from the **Users** page, search for the user you've just created.

Users

Add a new user or manage existing users in your department or group.

OK Add Cancel

Enter search criteria below

User ID Starts With alloy + Search

User ID ▲	Last Name	First Name	Phone Number	Extension	Department	In Trunk Group	Edit
alloytest@uat-trial.com	Test	Alloy					Edit

[Page 1 of 1]

OK Add Cancel

Figure 4-1

- After selecting the appropriate user, you will be presented with the Profile page of that particular user. From here, select **Assign Services** as shown below.

Figure 4-2

- If there are no Basic Packs available, either the Standard or Executive pack can be used, however if this unit is to be used for basic functionality and calls only, the customer will need to speak to their Telstra Account Executive to order a basic pack.

Setting SIP Authentication Details

- From the User level, select the **Utilities** menu option on the left hand side of the screen.

Figure 5-1

- Once here, click the Authentication page and then set a 10 digit Authentication Username. This will be the phone number including the area code prefix. Additionally, ensure that you set an 8 character password.

The screenshot shows the 'Authentication' configuration page in the TIPT web interface. The page title is 'Authentication' and it includes a brief description: 'Authentication allows you to use encryption to safely determine that the user at a given phone is who they say they are. This helps prevent and password must match the user name and password configured on your phone, or in your phone's configuration file.' The form contains three input fields: '* Authentication User Name:', '* Type new authentication password:', and '* Re-type new authentication password:'. Each field is followed by an 'OK', 'Apply', and 'Cancel' button. A sidebar on the left lists various options, with 'Utilities' currently selected.

Figure 5-2

- Once set, click Apply and then OK to save changes.

Adding a Phone Number and Selecting the Device Type

- While still in the selected User portal, navigate to the Profile page where you will locate an option labelled Addresses. Select this option to start the final stage of setting up the Door Intercom in TIPT.

Addresses

Addresses allows you to view and maintain your phone number and other identities that are used to make and receive calls.

OK Apply Cancel

Phone Number: 0392966324 Not Activated
 Extension: 6324

Identity/Device Profile Trunking None

Identity/Device Profile

Identity/Device Profile Name: New Identity/Device Profile (Group)
 * New Identity/Device Profile Name: d0392966324
 Identity/Device Profile Type: ToE-SIP Generic Door Entry Intercom

Host Name/IP Address: Port:
 MAC Address:

* Line/Port: p0392966324 @uat-trial.com [AdvancedSettings](#)

Contact: sip:
 sip:
 sip:
 sip:
 sip:

Identity/Device Profile Type

- ToE-SIP Generic Android Video Phone
- ToE-SIP Generic Boom Gates
- ToE-SIP Generic CCTV Camera
- ToE-SIP Generic Door Entry Intercom**
- ToE-SIP Generic External Speaker
- ToE-SIP Generic IAD
- ToE-SIP Generic MusicOnHold
- ToE-SIP Generic Paging Devices
- ToE-SIP Generic Smart Card Reader

- Select the **Phone Number** from the drop down list
- From the drop down list in the field **Identity/Device Profile Name**: select **New Identity Device Profile**
- In the **New Identity/Device Profile Name** field, type **d-phonenum**
- In the **Identity/Device Profile Type** field, click on the drop down arrow and select **ToE-SIP Door Entry Intercom**
- Enter the **Line Port p-phonenum**
- Click **Apply**
- Click **OK**

Setting up the Cyberdata Door Intercom

- Log into the Cyberdata using the default credentials where the username is “admin” and the password is “admin”.
- Navigate to SIP Settings via the menu at the top.

SIP Settings

Enable SIP operation:	<input checked="" type="checkbox"/>
Register with a SIP Server:	<input checked="" type="checkbox"/>
Use Cisco SRST:	<input type="checkbox"/>
Primary SIP Server:	<input type="text" value="mydomain.com.au"/>
Primary SIP User ID:	<input type="text" value="p0733619264"/>
Primary SIP Auth ID:	<input type="text" value="0733619264"/>
Primary SIP Auth Password:	<input type="password" value="*****"/>
Backup SIP Server 1:	<input type="text"/>
Backup SIP User ID 1:	<input type="text"/>
Backup SIP Auth ID 1:	<input type="text"/>
Backup SIP Auth Password 1:	<input type="password"/>
Backup SIP Server 2:	<input type="text"/>
Backup SIP User ID 2:	<input type="text"/>
Backup SIP Auth ID 2:	<input type="text"/>
Backup SIP Auth Password 2:	<input type="password"/>
Remote SIP Port:	<input type="text" value="5060"/>
Local SIP Port:	<input type="text" value="5060"/>
Outbound Proxy:	<input type="text" value="sbc-qld.nipt.telstra.com.au"/>
Outbound Proxy Port:	<input type="text" value="0"/>
Disable rport Discovery:	<input type="checkbox"/>
Re-registration Interval (in seconds):	<input type="text" value="120"/>
Unregister on Boot:	<input type="checkbox"/>
Keep Alive Period:	<input type="text" value="10000"/>

- Enter the credentials as set out in the example above.
- Primary SIP Server: This will be the information provided by Telstra. Alternately this is available after you login to the TIPT Portal. In the below example the SIP server will be uat-trail.com

The screenshot shows a configuration form with the following fields:

- Host Name/IP Address:
- Port:
- MAC Address:
- * Line/Port: @uat-trial.com
- AdvancedSettings (link)
- Contact: sip:
- sip:
- sip:
- sip:
- sip:

- Set your SIP Proxy server settings as provided by Telstra, if you are unsure of the SIP Proxy address, use one of the IP addresses listed at the end of this document.
- Enable SIP Operation

Once done, you may save your settings and the SIP service should register to your TIPT account.

Cyberdata Button Configuration

- In order to set the Button settings on a Cyberdata device, under the SIP settings page, you will need to enter a Dial Out Extension which is the destination to be dialled once the button has been pressed.
- You will additionally need to set the Extension ID which is the ID of the device which will show in the caller ID screen.

The screenshot shows the 'Dial Out Settings' form with the following fields:

- Dial out Extension:
- Extension ID:

Once done, click the save button to confirm all settings and then reboot to ensure all changes have been applied.

SBC Proxy Troubleshooting

If the SBC Proxy address and Registrar address isn't resolving to the correct IP or cannot find an IP you can use one of the following IP addresses;



Cyberdata TIPT Configuration



sbc-nsw.nipt.telstra.com – NSW TIPT SBC
sbc-qld.nipt.telstra.com – Queensland TIPT SBC
sbc-sa.nipt.telstra.com – South Australia TIPT SBC
sbc-wa.nipt.telstra.com – Western Australia TIPT SBC
sbc-act.nipt.telstra.com – ACT TIPT SBC
sbc-nt.nipt.telstra.com – Northern Territory TIPT SBC
sbc-tas.nipt.telstra.com – Tasmania TIPT SBC
sbc-vic.nipt.telstra.com – Victoria TIPT SBC

In order to resolve the SBC address, you need to point your DNS servers to the Telstra DNS servers provided.