Adding a Third EZ-Bridge® LT+ Unit – Tycon OS

Summary: It's possible to connect multiple units to a single unit configured as a transparent access point (AP WDS). The limitation of client units talking to an AP is about 30 units.

1. The EZ-Bridge LT+ units ship with one unit configured as AP WDS and the other units configured as STATION WDS.

2. To add additional Stations (Clients), the SSID, Channel Width and Wireless security type and key need to be the same on all the units.

   3. To change wireless settings from the Status screen click on the SSID in the Wireless Section
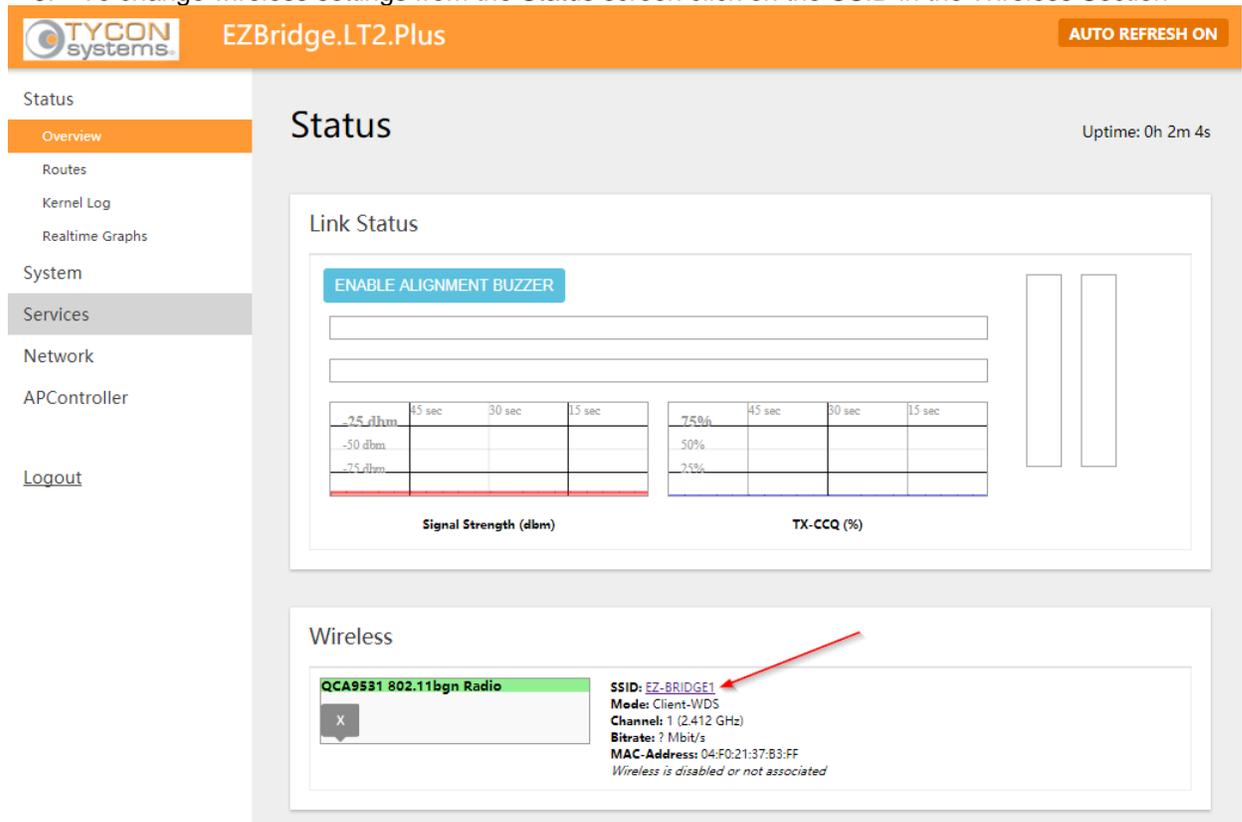
4. From the NETWORK | WIFI Page you can change ESSID (SSID), Channel Width and Wireless Security.

Interface Configuration

General Setup **Wireless Security** **Advanced Settings**

Mode	Station (WDS) ▼
ESSID	EZ-BRIDGE1
BSSID	
Guard Interval	Short ▼
Data Rate (Mbps)	Auto ▼
Auto reset radio when txccq drop drastically.	☐

Device Configuration

General Setup **Advanced Settings**

Status	🚫 **SSID: EZ-BRIDGE1	Mode:** Client-WDS 100% *Wireless is disabled or not associated*
Wireless network is enabled	DISABLE
Country Code	United States ▼
Wireless Profile	802.11g+n ▼
Channel Spectrum Width	40MHz 2nd channel above ▼
Channel	Auto ▼
Background ACS scan	☐ ❷ Automatically scan and switch to best channel after a period of time, default is 60 seconds
Scan List:	☐ Enable Scan List
	☐ 1 (2.412 GHz) ☐ 2 (2.417 GHz) ☐ 3 (2.422 GHz) ☐ 4 (2.427 GHz)
	☐ 5 (2.432 GHz) ☐ 6 (2.437 GHz) ☐ 7 (2.442 GHz) ☐ 8 (2.447 GHz)
	☐ 9 (2.452 GHz) ☐ 10 (2.457 GHz) ☐ 11 (2.462 GHz)
Transmit Power	Max ▼
	❷ Max Transmit Power: 30, Max Single Chain Transmit Power: 27
Outdoor Channels	☐ ❷ Only applicable to European countries

Note: If during the setup process you get stuck, it's best to take the units back to factory defaults and start over. You can reset to factory defaults on the **SYSTEM | BACKUP/FLASH FIRMWARE** page and then click on *Perform Reset* button. You can also reset to factory defaults by powering up the unit, waiting at least 2 minutes, then pressing and holding the black reset button on the bottom of the unit for at least 15 seconds. Then wait for at least 2 minutes for reboot.

Status

System

   System

   Administration

   Services

   SNMP

   LED Configuration

   Backup / Flash Firmware

   Reboot

Services

Network

APController

Logout

Flash operations

Actions

Backup / Restore

Click "Generate archive" to download a tar archive of the current configuration files. To reset the firmware to its initial state, click "Perform reset".

Download backup: GENERATE ARCHIVE

Reset to defaults: PERFORM RESET

To restore configuration files, you can upload a previously generated backup archive here.

Restore backup: Choose File No file chosen   UPLOAD ARCHIVE...

Flash new firmware

Upload a firmware here to replace the running firmware. Check "Keep settings" to retain the current configuration.

Keep settings: ☑

Firmware: (current ver: TyconOS v2.4.21_b171027) Choose File No file chosen   FLASH FIRMWARE...