

Access Controller v4.00

Briefing note
19.04.2012

Livewire Connections Ltd is pleased to announce the release of the Access Controller version 4.00. This firmware upgrade is available to all Access Controllers.

Recommendations for installation

Livewire Connections recommends that all customers install this firmware upgrade.

Access Controllers Supported

This firmware version is for the Access Controllers listed below with firmware version 3.00 or higher:

- Access Controller FB-10 Standard
- Access Controller FB-10 Pro
- Access Controller FB-10 Pro Rack Mount

Installing the firmware

You must have a PC running Windows XP, Windows Vista or Windows 7 with the Access Controller software installed before you can install this firmware upgrade. Users running firmware version 1.xx will need to first upgrade to 2.00 and then upgrade to 3.00 before applying this patch. Users running firmware version 2.xx will also need to upgrade to 3.00 before applying this patch.

To apply the upgrade:

1. Open up the Access Controller software and login to the "Admin GUI" section.
2. Open the "Advanced" tab and click the Support button.
3. Click the "Upload Firmware" button and select the upgrade patch that came with this release note (default filename is AC_patch-v4.00.tar.gz).
4. Wait for the upgrade procedure to finish, the Access Controller will automatically restart once the upgrade procedure completes.
5. After the restart the user software will most likely have to be reinstalled onto each PC which has it already installed. To do this,
 - a. Open the Access Controller software again and login to the Admin GUI.
 - b. If an upgrade is needed a message will appear explaining this.
 - c. Click OK to go to the web interface.
 - d. Click the link which says "Click here for the Access Controller software".
 - e. Choose to open the file and then run the Setup.exe file.

- f. Follow the onscreen instructions to complete the installation wizard.

New features in this release

- Added new Auto Failover feature to compliment the previous Switch Back feature by allowing users to automatically switch from their Primary Service (typically VSAT) to a backup service in the event of failure. For example, the Access Controller will continually monitor the internet connection status of your primary VSAT link. If the system receives 12 consecutive ping failures the Access Controller will automatically switch failover to your backup service.

Please Note: as the Access Controller automatically switches to your backup service we recommend this is either a fixed cost service or is limited via the spend control function to prevent unexpected airtime charges!

- Added Quality of Service (QoS) to allow bandwidth allocation to specified classes / IP address ranges. The system can be configured to provide minimum bandwidths to each class and allow sharing of unused bandwidth when available up to specified maximum levels. Alternatively bandwidth can be allocated on a straight percentage per class.

- Added Bandwidth Usage Graphs and Logs to help highlight how internet resources are being shared between devices.

- Added Show Leases under the Reserved IP settings to display a list of current DHCP leases.

- Added click through to the main web page from the Access Controller image in the user interface.

- Added Sea Tel FX-500 Fleetbroadband support.

Fixed in this release

- Resolved issue with Access Controller not responding to pings under certain conditions.
- Resolved issue with active Firewall Groups not changing correctly under certain conditions.
- Resolved issue with Spend Control where services could be reinitialized after a Block Service.
- Several smaller bug fixes.

Known issues with this release

1. DNS can be selected as a protocol under Port Forwarding even though it does not do anything.
2. All values cannot be retrieved using DAC RemP, however new values can be entered.

www.livewire-connections.com/products/access-controller-fb-10