

Access Controller v3.00

Briefing note
07.05.2010

Livewire Connections Ltd is pleased to announce the release of the Access Controller version 3.00. This firmware upgrade is available to all Access Controllers via a firmware upgrade.

Recommendations for installation

Livewire Connections recommends that all customers install this firmware upgrade. The patch is marked as "recommended" as it resolves an important bug and adds several new features.

Access Controllers Supported

This firmware version is for Access Controllers listed below with firmware version 2.00 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 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-v3.00.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 Spend Control feature to allow the user to setup a list of spend rules which will trigger a specified action when a specified volume is hit. Rules can be created with a mixture of the following criteria's,

- **Individual or Global:** Choose if the rule applies only to one service or globally across all services
- **Time periods:** Choose if the rule is a daily, weekly, monthly or per call rule.
- **Volume limits:** Choose after what volume the rule will apply, can be either time, data or cost based.
- **Action:** Choose what to do when the limit has been reached. Alert the user, apply a Firewall Group, Drop the current call or bar the entire service for the remaining time of this period (day, week, month).

- Added the ability to lock a MAC address to an IP address. If a mismatch is detected (for example when a user tries to bypass a firewall by manually changing his IP address) then this feature will block all internet access to that computer until it uses the assigned IP address again.
- Added support for Furuno Fleet Broadband terminals
- DNS Redirection added to allow the user to redirect domain names to a different IP address.
- Added Italian language support (more languages to follow shortly)

Fixed in this release

- Resolved issue with data counters stopping after a large amount of packets have been sent during one long session.
- Resolved problem with certain MAC addresses causing the MAC address reservation to stop functioning.
- Recreated login procedure to speed up Remote GUI Access over satellite connections.
- 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.

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