



Release Note

ICPAGING GATEWAY V1.5.3

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Firmware name:	ICPAGING GATEWAY V1.5.3		
FW Release Date:	12.Apr.2022		
Package Names:	update-core-image-barix-icpgw-1.5.3.tar (to be installed on M-400 device)		
Yocto Layers Version Overview:	Layer bitbake meta meta-multimedia meta-networking meta-python meta-oe meta-python2 meta-barix meta-barix-ipam400 meta-icpgw	Branch 1.46.0 master master oe-dunfell master develop	Tag/Revision 2246b0d7a71c69eb2e89c55991d1387069895466 c38d2a74f762a792046f3d3c377827b08aade513 6b3000729ce3424c2aa8a03cd46ef37b200d2fc1 51e3d10528ca10df15b847a8bb91e4780ee5fec3 9306baa6ffe55ce389a540a37e07001428f91fff b3df456aad938fd375664d14ac43e03a0a3a1581

1 Hardware Compatibility

This firmware is fully supported on the following Barix devices:

- M400

NOTE: While this FW can run on other IPAM_400 base devices from Barix, its complete functionality may not be guaranteed.

2 Fixed Bugs

The following bugs have been resolved compared to the previously released V1.5.2:

- Fixed a bug with improper IP checks for broadcast/multicast
- Fixed streaming and sending recorded messages to IPAC 2.8.0

3 New Features and Improvements

The following new features have been implemented compared to the previously released V1.5.2:

- Added `downloading_recorded_message` flag, which determines whether the control message should wait before it is sent or not.
- When sending recorded message, the local playback is now moved to its own process, which almost eliminates the delay.
- Fixed a bug with improper IP checks for broadcast/multicast

4 Useful Tips and Known Issues

1. After performing a firmware update, the groups, users and audio files are reset to their default values. Need to be able to store preserve them.
2. The last 3 recorded messages are temporary stored in memory for debugging purposes and can be found in `/mnt/data/prerecorded_messages/processed` with the `*.rec` extension. Upon reboot of the app those files are overwritten
3. Local playback when paging has poor audio quality. Currently disabled for that reason
- 4.

5 Release generating details¹

5.1 GIT release tag

Checkout the firmware-image-icpgw repo with the following tag:

v1.5.3

5.2 Compile commands:

Run the following command from the firmware-image-icpgw build folder:

```
bitbake -f core-image-barix-icpgw
```

6 Legal Information

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¹ This information is intended for BARIX developers only