# This release contains:

* This document
* Firmware Package file – “apps\_BASgatewayLX\_ver1.2.11\_HMS\_update.tgz”

# Reason for release:

Java 8 issue and general bugfixes.

# How to upgrade from previous versions:

It is very important that the following steps are performed in correct order, otherwise the module may be unusable and must be sent back to HMS for recover.

# Firmware upgrade

1. The downloaded firmware (a TAR file) can be placed anywhere on your computer hard drive.
2. The TAR file is used as is by the Anybus Gateway — do not untar it.
3. Note the TAR file location — so that you can browse to it from your unit's "Upload Firmware" page.
4. Before updating, document your unit's current IP address so that you can restore this value after the update.
5. Updating will revert your unit to its default IP address of 192.168.92.68.
6. Updating will revert all system settings to their default settings — but your configuration files will remain intact.
7. The Map configuration will not be lost because of the firmware update.

***Note, if IP address is unknown, reset the gateway according to below instructions***

**Reset Switch:**

To reset the gateway to its default authentication and IP values (other configuration settings are unaffected), use a paperclip or similar tool to press the Reset IP button for at least 3 seconds while the gateway is powered. Then release the reset button and remove power from the gateway for 3 seconds. Restore power and the unit will now use default IP values and User ID/Password.

## Application code:

**1.2.11 03-25-2015**

Fix a bug in Bacnet-IP code: Model name is not right.

**1.2.10 03-25-2015**

Fix a bug in Bacnet-IP code:

If several Modbus devices subscribe to COV, read active\_cov\_subscription on one device can crash bacnet-ip code.

**1.2.9 06-02-2015**

Fix bugs in Java applets:

Java applet doesn't work with Java 8. Change permission from "sandbox" into "all-permissions".

Fix several issues in BACnet:

1. Priority Array property in Positive Integer object has wrong data type (signed).

2. Modbus device doesn't respond to ReadPropertyMultiple that read required/optional properties.

3. Modbus device doesn't delete expired COV subscription in Active COV subscription

4. Add unconfirmedCOVNotification in Protocol Support in device object

5. In Postive Integer and Integer objects, present value in COV notification message is wrong.

6. Write a new value but don't see COV notification

**1.2.8 10-24-2014**

Fix bugs in data server:

Can't write to present value of positive integer.

MAX Objects in device profiles: 2000; MAX mapped objects: 1000.

**1.2.6 09-11-2014**

Fix bugs in BACnet stack:

Doesn't respond to direct Who-Is with our network number: network number was reversed.

*Bugs that are found in this software release should be reported back to HMS support department. Report product, software version, configuration, how to reproduce behaviour, and the effects of the bug.*