

AC6992 MODEM SOFTWARE RELEASE HISTORY

General

AC6992 modem software handles the remote CATVisor / HMS communication. It is not involved in forward and return path level measurements, which are handled by AC6992 tuner software.

Minimum recommended AC6992 modem software version: 1.0.14

Software update is done via a fully powered amplifier / node running software which supports AC6992 using the following methods:

- **Local update:** CATVisor Commander 2.9 or later, service port connection to amplifier / node with USB cable. Typical update time 2 min.
File: *AC6992_plugin_appl_modem_x.x.x.srec*
- **CATVisor mode remote update:** CATVisor Commander or SmartLoader or broadcast update with SmartLoader. Typical unicast update time 4 min.
File: *AC6992_plugin_appl_modem_x.x.x.srec*
- **HMS mode remote update:** With SCTE-HMS-DOWNLOAD-MIB (SCTE 38-8 2002 / HMS063) compatible download tool. Typical update time 4 min.
File: *AC6992_plugin_appl_modem_x.x.x_HMS-download.srec*

When the software update has been completed, please wait for the connection to be re-established or “Application updating” alarm to disappear before turning off the power, resetting or unplugging AC6992.

This can take up to 5 minutes depending on platform. Failure to obey this can cause AC6992 to lose its remote communication, and a local software update is needed to fix this.

With CATVisor SmartLoader please make sure that “Send reset after successful update” is not selected, as this can cause the problem described above.

LATEST VERSION

Version 1.1.1, released 28.12.2017 – Minor bug fixes

Compatibility

Compatible with all AC6992 hardware versions.

Fixes

- Fixed: “Change counter” does not work correctly, causing CATVisor EMS / Argus to not correctly detect all alarm changes. (Shout 33859)
- Fixed: Modem receive level measurement can fluctuate several dB's. This can cause false alarms if level is close to alarm limit. (Shout 33304, 33884)
- Internal changes not visible to end-user. (Shout 33572, 33559, 33626, 33630)

OLDER VERSIONS

Version 1.0.48, released 21.9.2017 – Minor bug fix

Compatibility

Compatible with all AC6992 hardware versions.

Fixes

- Fixed: HMS mode: Compatibility issues with “Phoenix” HMTS. (Shout 33185)

Version 1.0.46, released 31.5.2016 – Minor bug fixes

Compatibility

Compatible with all AC6992 hardware versions.

Fixes

- Fixed: Installing transponder to a powered amplifier / node may in some cases cause slow remote communication until next SW reset. (Shout 30162)
- Fixed: CATVisor mode: “Modem transmit level saturated” alarm does not react correctly to low alarm limit. (Shout 30305)
- Fixed: AC9100 and HMS communication in contention mode: Pilot measurements show occasionally wrong values. (Shout 30864)
- Fixed: HMS mode: Transmit level is not always set correctly. (Shout 31310)
- Internal changes not visible to end-user. (Shout 31533, 31818)

Version 1.0.14, released 1.9.2016 – Minor bug fixes

Compatibility

Compatible with all AC6992 hardware versions.

Fixes

- Fixed: Installing AC6992 to AC8710 or AC9100 node with the node powered can in some cases cause communication parameters to be corrupt and the platform to lose its remote connection capability. (Shout 30372, 30414)

Version 1.0.12, released 23.8.2016 – Minor bug fixes

Compatibility

Compatible with all AC6992 hardware versions.

Fixes

- Fixed: AC6992 sometimes goes to “slow mode”, where replies to IP traffic takes several seconds and recovers only via reset. (Shout 30328)

Version 1.0.11, released 25.7.2016 – Minor bug fixes**Compatibility**

Compatible with all AC6992 hardware versions.

Fixes

- Improved IP packet handling.

Version 1.0.4, released 22.6.2016 – First customer release**Compatibility**

Compatible with all AC6992 hardware versions.