

HX4E/MX8A Voice Gateway Release Notes

Version: Rev 1.9.82.339 Date: 3/19/2015

Firmware Modules

Model Component	HX4E	MX8A
Software Version	Rev 1.9.82.339	Rev 1.9.82.339
Kernel Version	Kernel 1.1.8(F)	Kernel 1.1.8(F)

New Features

1. Support single VLAN ID and multiple VLAN IDs associated with different services.
2. Using LLDP to provision VLAN.
3. Sending voice recording in PCM format to a remote voice recording server in real time.
4. The SIP INFO message is allowed to carry multiple DTMF digits (for example, signals=123).
5. Support Ping Blocking to prohibit the device to respond to any PING message.
6. Support Direct Outward Dialing (DOD) of FXO port, which allows the device to select an FXO port for outbound call based on the calling number in **From** field of INVITE.
7. Support 3GPP IMS specification.

Improved Features

1. Support four concurrent G.729 calls.
2. Support registering FXO port to SIP server per port connectivity status.
3. The last number of the SIP Server IP address can be configured as 0.
4. Support sending DTMF signals simultaneously via RFC 2833 and SIP INFO, by selecting **RFC 2833+SIP INFO** option of **DTMF method** on the **Basic > system** page.
5. A default IP address can be configured when domain name is used for the SIP registration server. The device will use the default IP address when DNS server fails to respond to the request. Note: while registering to the server at the default IP address, the device continues to send DNS request until a response is received and the device will re-register to the new address.
6. Automatically switching back to the primary server is supported after failover to the standby server when the device works on primary-standby mode in the high availability (HA) function.
7. If the originating side which does not support T.38 responds a 200 OK message with media port 0 to the T.38 re-INVITE sent by the device on the terminating side, the device will return to G.711 mode.

Bugs Fixed

1. Fixed the issue on the FXO port which fails to detect Caller ID.
2. Fixed the issue on the network parameters configured through the auto provision which does not take affect instantly.
3. Fixed the issue that when a number sent by MGCP contains quotation marks, the number is displayed incorrectly or as garbled characters on a phone.
4. Fixed the issue that when a hunting group is selected based on the routing configuration, only the first and second subscribers are available.
5. If the domain name fails to be parsed, the routing rules based on the domain name will not be lost.
6. Fixed the issue that the device fails to configure via auto provision when the VLAN is enabled.