Product Notice No. 0172

Release of Media Processing Module (MPM) for Mediant 4000 E-SBC

Notice Subject:

Release of AudioCodes Media Processing Module (MPM) for Mediant 4000 E-SBC.

Notice Date:

April 4, 2013.

Notice Effective Date:

Immediate.

Affected Products

- Mediant 4000 E-SBC

Notice Details:

The Mediant 4000 basic configuration includes four Digital Signal Processors (DSPs), supporting up to 350 transcoding sessions. The new Media Processing Module (MPM) is an optional, add-on field replaceable unit (FRU) that provides eight additional DSPs for supporting an additional 700 transcoding sessions and thereby, allowing a total of up to 1,050 transcoding sessions.

Supported Software Version

The MPM support has been added to Mediant 4000 E-SBC SIP Software Version **6.60A.216.005**. Please use this version or a later one for MPM support.

Mediant 4000 E-SBC Transcoding Capacity

Basic DSP Capabilities	Advanced DSP Capabilities					DSP Sessions	
	G.722	AMR WB	SILK	SILK WB	SBC Enhancements	No MPM	With MPM
√	-	-	-	-	-	350	1050
√	√	-	-	-	-	300	950
√	√	-	√	-	-	200	700
√	√	√	√	√	-	150	550
√	√	√	√	√	√	150	450
√	√	-	√	-	√	200	600
√	√	-	-	-	√	250	800
√	-	-	-	-	√	250	850

⚠️ **Notes:**

1. *Basic DSP Capabilities* refers to the following channel capabilities that require DSP resources: IBS, silence compression, T.38, G.711, G.726, G.729, G.723.1, and AMR.
2. *DSP Sessions* refers to the minimum number of sessions available when using the selected DSP capabilities. When using only some of the DSP capabilities or using them only on some channels, the number of available DSP sessions may increase.
3. *SBC Enhancements* refers to the Network Acoustic Echo Suppressor.

Orderable Part Numbers

The MPM is part of the 4.6 Price Book released on Feb 2013 and is orderable as a field replaceable unit (FRU) add on, or as a redundant set of two MPMs for Mediant 4000 HA (one MPM for active and one for redundant).

⚠️ **Note:** The MPM only adds physical DSPs to the Mediant 4000 chassis; to enable transcoding with these DSPs, an additional transcoding Software License must be ordered as mentioned in the subsequent table.

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CPN	Description
M4K60/MPM8	Mediant 4000 Spare Part - Media Processing Module (MPM) with 8 DSPs, capable of an additional 700 transcoding sessions (1,050 in total per Mediant 4000 chassis) with minimum SW version 6.60A.216.005. To enable the transcoding sessions, a transcoding license is required (SW/M4K50/Trans/50).
M4K61/MPM8/Red	Mediant 4000 Spare Parts – A pair of Media Processing Modules (MPM) with 8 DSPs. Each capable of an additional 700 transcoding sessions (1,050 in total per Mediant 4000 chassis) with minimum SW version 6.60A.216.005. To enable the transcoding sessions, a transcoding license is required (SW/M4K51/Trans/50/Red).
SW/M4K50/Trans/50	Software License upgrade for 50 additional transcoding sessions. **Note:** Do not exceed the maximum transcoding capacity of 350 without MPM, or 1050 with MPM.
SW/M4K51/Trans/50/Red	Software License upgrade for 50 additional transcoding sessions for a redundant pair of Mediant 4000's. Use this part number for adding a total of 50 transcoding sessions to a redundant pair of Mediant 4000. **Note:** Do not exceed the maximum transcoding capacity of 350 without MPM, or 1050 with MPM.

Roadmap

For Software Version 6.8 (Q4/2013), the above MPM hardware will be able to provide a total of at least 50% more transcoding sessions.