

NOT JUST ANOTHER MCU

Codian Product Line Overview



Codian is a UK-based company, founded in 2002 by the team of entrepreneurs who started Madge Networks and Calista (whose VoIP technology was acquired by Cisco in 1999). Codian has offices in London, San Jose, Chicago and Hong Kong.

Codian began shipping their flagship product, the **MCU 4200**, in May 2004. The MCU 4200 houses the most advanced functionality and uses the latest and fastest DSPs for videoconferencing. Codian products have been developed from the ground up; H.323 stack, H.264, H.261, etc. All Codian products are completely H.323 standards compliant.

Codian MCU 4200 Highlights:

1. Ability to allocate DSP resources per port
2. Coding/Decoding is done per port, not per conference
3. Every port supports:
 - a. Any Codec (H.261, H.263, H.264)
 - b. Any Speed (up to 4MB)
 - c. Any Resolution (QCIF, CIF, 4CIF, VGA, SVGA, XVGA)
 - d. Any Layout (42 different layouts)
 - e. **EVERY PORT on EVERY CALL receives full Transcoding, Rate Matching and Continuous Presence**
4. Every port is fully functional in any number of concurrent conferences
5. Every end-point has full control over their personal Continuous Presence view (42 layouts available)
6. Intuitive web-based user interface for administration and guest control
7. Simple and effective firewall traversal
8. Less than 100ms delay versus >250ms
9. On-screen text messaging to individual end-points or all sites
10. Supports 16:9 screens - important for plasma and wide screen monitors
11. An equal number of voice ports on every bridge
12. Ability to stream every live conference Unicast and Multicast directly from the MCU

Codian MCU 4200 Series:

- MCU 4205 (12 port Video + 12 port Audio + 60 Streaming)
- MCU 4210 (20 port Video + 20 port Audio + 100 Streaming)
- MCU 4215 (30 port Video + 30 port Audio + 150 Streaming)
- MCU 4220 (40 port Video + 40 port Audio + 200 Streaming)

Codian IP-VCR: “TiVo for Videoconferencing”

- Record point-to-point and multipoint conference calls
- Use H.323 end-points to view recorded calls
- Stream on the web via MPEG-4 to Quick Time or Real Player
- Record single video on multiple bandwidths
- Stream at multiple bandwidths – Unicast and Multicast
- Record and store up to 400 hours of content
- Archive calls MPEG-1 to an external server using ftp

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