

# BigBand Networks

Cable operators are providing more and better services on BigBand Networks' infrastructure. The company enables and enhances digital broadcasting, HDTV, IPTV, local advertising, VOD, high-speed data and VoIP. At the heart of the BigBand solutions are platforms that combine routing and processing of all media formats with intelligent programmability, for economical deployment of precisely what's needed in any situation, with open expansion over time.

The cable industry is evolving from its broadcasting history to providing multiple services with more choice, interactivity and personalization. BigBand Networks has been key to initiatives launched to date, and continues its leadership role by advancing the industry's agenda.

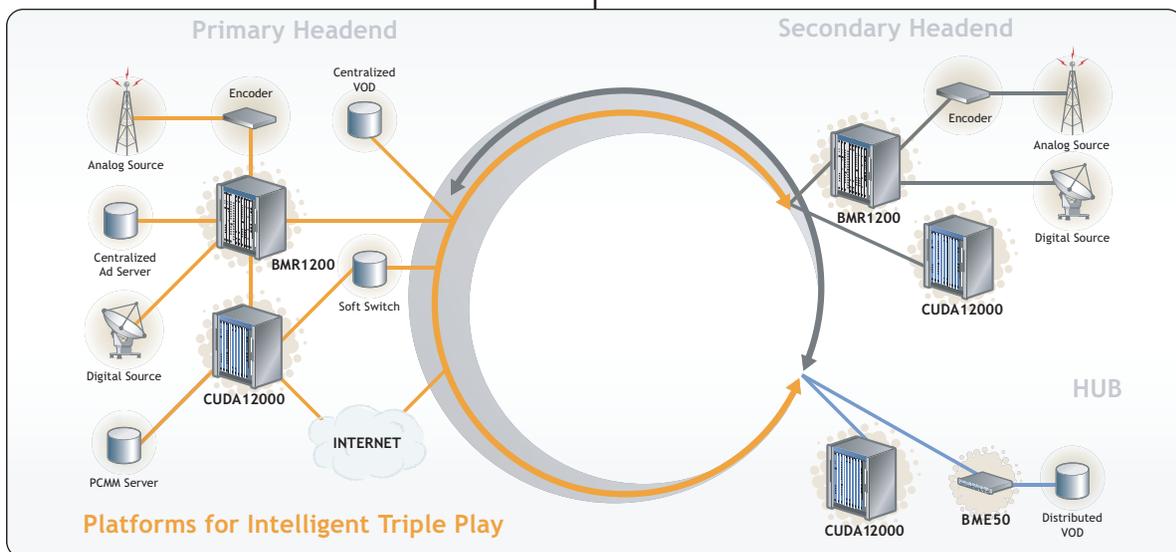
- **Digital simulcast** — the most complete set of capabilities including digital encoding, broadcast grooming, targeted ad insertion, Gigabit Ethernet transport with program-level redundancy, and network edge modulation for digital subscribers and decoding for analog subscribers.
- **VoIP** — industry-leading capabilities for robust delivery of real-time services, such as assurance of connectivity in any plant conditions and instantaneous rerouting of traffic to spare resources when required.

- **Switched broadcast** — unlimited programming plus bandwidth gains for additional services by dynamically delivering live content to the subscribers who are requesting it in real time.
- **Modular CMTS** — greatest cost effectiveness and resource efficiency for capacity expansion and new deployments by integrating best-of-breed DOCSIS signaling of BigBand Cuda CMTS with downstream QAM modulation of BigBand BME edge platform.

BigBand Networks has established its record of innovative solutions for the cable industry's most vital initiatives through close customer interaction. This extends to the company's staff of industry-experienced professional experts available to perform design and deployment of highly advanced solutions.

Closely partnered with major cable operators throughout the United States and worldwide, BigBand Networks' platforms are used to provide live services for more than 20 million digital television and broadband Internet subscribers. As the

company's presence and capabilities expand, operators can realize next generation plants with comprehensive, intelligent management spanning all subscribers, resources and services.



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