



Manthan Broadband Services Pvt. Ltd. Chooses Harmonic Video Headend for Service Expansion in India

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Leading Cable Operator Deploys Harmonic's Compression, Scrambling,

QAM Modulation and Service Management Solutions

SUNNYVALE, Calif. & ROSSUM, The Netherlands--(BUSINESS WIRE)--Aug. 29, 2007--Harmonic Inc. (NASDAQ:HLIT) today announced that Manthan Broadband Services Pvt. Ltd., a leading cable service provider in India with more than 800,000 subscribers, has implemented a complete video headend solution from Harmonic for its new digital cable TV service in Kolkata. The systems deployed include DiviCom(R) Ion(TM) multi-channel MPEG-2 encoders, the Broadcast Network Gateway(TM) (BNG) edgeQAM for QAM modulation and scrambling, and NMX Digital Service Manager(TM) for end-to-end monitoring and control of the video service.

The complete turnkey solution was sold by Simac Broadcast. System integration was key in the successful launch of the complete platform, and the local Simac Broadcast team worked closely together with the customer and Harmonic from the design phase to the on-air date. In addition to system integration, all supporting services are handled by Simac Broadcast through their support offices in India.

"Harmonic and Simac Broadcast offered us the most scalable solution and best quality compression for our new digital TV service," said Gurmeet Singh, Director of Manthan Broadband. "With the bandwidth-efficient Harmonic encoders, we are able to deliver 15 services in a single QAM, and achieve this goal without impacting the video quality. The reliability, ease of management and performance of the Harmonic headend enable us to deliver a top notch digital pay TV service for our subscribers, and the integration with our conditional access system for scrambling at the edge efficiently protects the content as it is delivered to the home."

"A high quality IP-based video architecture is key for operators like Manthan Broadband that want to create a future-ready network that can scale to accommodate more subscribers and more advanced services such as high definition and on-demand," said Raymond Tse, Vice President of Asia Pacific Sales for Harmonic Inc. "Innovative and market-leading cable, satellite, telco and terrestrial video service providers around the world rely on Harmonic's native IP-based digital video products for their broadcast and on-demand TV services."

The Ion encoders are part of Harmonic's DiviCom line of market-leading MPEG-4 AVC (H.264) and MPEG-2 compression solutions, providing superior picture quality at lower bit-rates for both standard definition (SD) and high definition (HD) video programming. Harmonic's BNG supports QAM modulation, DVB scrambling and multiplexing in a compact one rack-unit (RU) form factor. The entire video headend is easily configured and controlled by NMX, a service-centric system for end-to-end management of the video delivery platform.

About Manthan Broadband

Manthan Broadband is one of the fastest rising forces in the digital cable TV sector in the eastern region of India, and rapidly adopts leading-edge technologies to strengthen its leadership. Manthan, which already has a subscriber base of almost half a million viewers, aims to provide users in Kolkata and beyond an array of 200 digital TV channels, with a range of language options. Manthan already has the system ready for IPTV services and will be launching its service in the near future. For further information, please visit www.manthanbroadband.com.

About Simac Broadcast and IMPEQ Technologies

Simac Broadcast, a subsidiary of IMPEQ Technologies, is a true service company in the world of digital television, with a proven track record of delivering round-the-clock service, high quality products and knowledge to customers across the globe. IMPEQ Technologies' core activities are focused on Consultancy, System Integration & Support, Test & Measurement and Product Development.

IMPEQ Technologies and Simac Broadcast are headquartered in The Netherlands and have regional support offices in Italy, the United Kingdom, India and Singapore. Visit www.impeq.com for more information.

About Harmonic Inc.

Harmonic Inc. is a leading provider of versatile and high performance video solutions that enable service providers to efficiently deliver the next generation of broadcast and on-demand services including high definition, video-on-demand, network personal video recording and time-shifted TV. Cable, satellite, broadcast and telecom service providers can increase revenues and lower operational expenditures by using Harmonic's digital video, broadband optical access and software solutions to offer consumers the compelling and personalized viewing experience that is driving the business models of the future.

Harmonic (NASDAQ:HLIT) is headquartered in Sunnyvale, California with R&D, sales and system integration centers worldwide. The Company's customers, including many of the world's largest communications providers, deliver services in virtually every country. Visit www.harmonicinc.com for more information.

This press release contains forward-looking statements within the meaning of Section 27(A) of the Securities Act of 1933 and Section 21(E) of the Securities Exchange Act of 1934, including statements related to: creating a future-ready network that can scale to accommodate more subscribers and more advanced services.

Our expectations and beliefs regarding these matters may not materialize, and actual results could differ materially from those projected. The forward-

looking statements contained in this press release are also subject to other risks and uncertainties, including those more fully described in Harmonic's filings with the Securities and Exchange Commission including its recent Reports filed on Form 10-K and Form 10-Q. Harmonic does not undertake to update any forward-looking statements.

EDITOR'S NOTE - Product and company names used herein are trademarks or registered trademarks of their respective owners.

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