# Bay Talkitec Wins a Major Defense Contract in India with Its 3G Video Gateway and Applications

Built on Dialogic® Powermedia™ Host Media Processing Software Release 4.1LIN

## Build on Dialogic

A major defense organization in India wanted to provide 3G services on its secure wireless network with captive portal and integrate the wireless network with its existing Cisco CallManager and private IP networks.

### Challenge

The proposed solution had to provide an interactive video gateway along with video conferencing and video call completion to voice (VCCV) applications. The solution also had to enable mobile-web convergence and seamless media convergence among 3G phones, IP video phones, and softphones loaded on desktop computers. In addition, the solution had to be robust and capable of handling 1000 concurrent calls. It had to integrate with a Cisco CallManager network and an existing private IP network and provide high availability through dual redundancy.
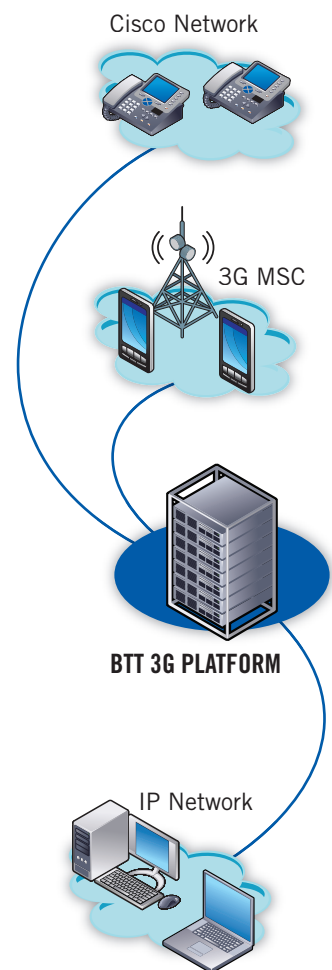
### Solution

Because mandatory support for call termination from 3G MSC, Cisco CallManager, and a private IP network was required, Bay Talkitec (BTT) proposed its 3G 3-Way Access Interactive Video Gateway running applications enabled by Dialogic® Powermedia™ Host Media Processing Software Release 4.1LIN. PowerMedia HMP 4.1 is a standards-based software media server that does not require specialized hardware. Solutions using PowerMedia HMP 4.1 can be developed and deployed more quickly and easily than board-based solutions, can be more easily scaled, and are very flexible. PowerMedia HMP is also an excellent solution for developing media servers for a modular network.

The BTT solution architecture has N+N dual redundancy for high availability and can scale to handle 1000 concurrent calls. The BTT solution also enables the convergence of three discreet networks (3G MSC, Cisco CallManager, and a private IP network) and provides innovative 3G applications, such as video conferencing and VCCV (when a video call is received by a phone that does not support video, the video call automatically becomes a voice-only call instead of being disconnected).

### About Bay Talkitec

Bay Talkitec (BTT) is a leading computer telephony company with over 70% market segment share for its products in its home market. Incorporated in 1991, BTT has grown into a multi-product, multi-disciplinary application company. With over a decade of leadership in computer telephony, BTT has embarked on ambitious plans to extend its products into global markets. BTT products with universal design and application are finding widespread and ready acceptance throughout the world. Bay Talkitec has its own software design center equipped with highly qualified engineers with rich experience in developing CTI tools and applications. Bay Talkitec offers a complete suite of CTI solutions and undertakes application development for specific customers upon request.

For more information, visit www.baytalkitec.com

Cisco Network

3G MSC

BTT 3G PLATFORM

IP Network

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