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Ktech Receives US Patent for PSIP Update Technology

Chatsworth, CA – October 12, 04 - Ktech Telecom, the leader in Digital Broadcast and Digital Cable technologies, has received U.S. Patent No 6,785,903, titled “Digital Television Translator with PSIP Update.”

This patent describes a technique in which Program System Information Protocol (PSIP) information is modified and updated to allow user DTV televisions to receive and display proper DTV channel numbers and information. This technology applies to DTV Translators and CATV systems carrying DTV Over-The-Air signals.

Application – 8VSB Off-Air Reception for Digital CATV Head-Ends:

In DTV televisions, the PSIP data is carried on an RF carrier to identify channel information and display its channel identity on screen. This allows customers to easily identify the selected major and minor channel numbers. All Over-The-Air ATSC compliant DTV signals must carry this PSIP information. However, when the Digital Terrestrial signal is received and injected into a cable system, the cable operators must ensure that the PSIP information is also passed properly to customers such that the customer’s DTV television identifies the channel with the major and minor channel numbers. This same requirement also applies to Over-the-Air Repeater/Translator Systems.

About Ktech Telecom

Since 1995, Ktech has been a manufacturer of professional digital Broadcast and digital CATV Head-End equipment. Its products include 8VSB modulators, DTV demod/decoders, SMPTE-310M to ASI, IEEE-1394 Converters, and 8VSB digital processors. Visit www.ktechtelecom.com for more information