

Zhone Announces Newest Member of the IMACS Product Family, the IMACS 200

Integrated Solution for Advanced Voice and Data Applications

Oakland, CA — June 22, 2006 — Zhone Technologies, Inc. (Nasdaq: ZHNE), the first company dedicated to building total-delivery solutions for voice, data and content services worldwide, announced today the introduction of the IMACS 200 to its existing IMACS product line.



Optimized for the unique needs of electric utilities, the IMACS 200 system supports a wide range of specialty traffic, including transmission line protection control (EIA-232 electrical and IEEE C37.94 optical), SCADA, surveillance video, substation automation and alarms, radio, Ethernet and telephony.

The IMACS 200 system offers a powerful array of integrated network diagnostic and fault isolation capabilities. These include Bit Error Rate Testers, test tone and signaling state generation, digital and analog loop back-support, and remote configuration and control. IMACS 200 meets stringent standards criteria, such as IEEE 1613, RoHS, and CE, which means it can be deployed anywhere in the network.

Optimized for electrical utility sub-station applications, the IMACS 200 supports the latest IEEE C37.94 standard for data over fiber that is so critical to the secure operation of the electrical grid. Zhone's IMACS 200 can be deployed in harsh environments where conventional communications devices would not survive. Its smaller size and lower price points establish a new competitive benchmark. And its commonality with the Zhone IMACS family means minimal training and familiarization for existing IMACS customers.

"The concept of an integrated one box solution for advanced voice and data applications began with the introduction of the IMACS," said Joe Fortin, associate vice president of Zhone's TDM products group. "With more than 80,000 systems deployed worldwide, the IMACS is an established leader in the access marketplace. The IMACS 200 extends that tradition with an integrated solution optimized to economically address smaller port size applications."

An array of the most popular interfaces and features from the IMACS has been bundled into a small 2U chassis providing the ultimate in ease of installation. However, small in size, does not mean small in feature content. Interfaces ranging from legacy RS-232, V.35, plus 2 and 4 wire analog voice, as well as the more modern Ethernet and C37.94 optical are all supported from the same access device, along with a flexible cross connect fabric for maximum use of existing T1 facilities.

Reliable communications are vital to any organization. The IMACS 200 addresses this need while providing compact size, low cost, and a high level of voice and data integration. This makes it an ideal choice for providing a variety of services to small end points and remote locations in any modern telecommunications network.

Related Information

- [IMACS 200 Datasheet](#)
- [Hi-res version of image](#)

About Zhone Technologies

Zhone Technologies is a worldwide leading supplier of communications network equipment for telephone companies and cable operators. Zhone is enabling enhanced services by allowing network operators to offer broadband services over their existing networks today while simultaneously retooling for packet-based VoIP and IPTV over both copper and fiber access lines.

By utilizing Ethernet and IP technology, Zhone's products simplify network operations by consolidating multiple services onto a single access line. This convergence of services and networks simplifies provisioning and operations, delivers quality and reliability, and opens the door for delivering exciting new services.

Zhone pioneered this new category of products now commonly referred to as Broadband Loop Carriers (BLCs) which are regarded among the fastest growing segments of the multi-billion dollar DSL market. According to industry analysts, Zhone is first in broadband loop carrier market share. Zhone is also first in Ethernet over bonded copper market share and Zhone's products were awarded top ranking among BLCs.

With corporate headquarters in Oakland, California, Zhone operates development centers across North America and has sales and service facilities and customers spanning the globe. With deployments at over 600 carriers including some of the world's largest networks, Zhone has enabled carriers to reinvent their businesses.

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