

For Immediate Release

## TrellisWare Introduces Chameleon F-LDPC ASIC

**San Diego, California, October 29, 2007** - TrellisWare Technologies, Inc., an innovator in advanced communications processing, today unveiled the industry's most powerful low-power Forward Error Correction (FEC) ASIC, **Chameleon**, at the MILCOM 2007 Military Communications Conference in Orlando, Florida. Manufactured on Altera's HardCopy II platform, Chameleon implements TrellisWare's Flexible Low Density Parity Check (F-LDPC) technology, the world's most flexible FEC solution.

Designed to meet the demands of modern communications and storage systems, TrellisWare's F-LDPC offers a wide range of code rates and block sizes, reconfiguration on the fly, and the ability to achieve Gbps throughputs – all without compromising performance at any operating point. Chameleon supports up to 40 code rates, 8 standard block sizes and virtually any digital modulation type. Additional block sizes can be supported using an external PROM. Modulation, block size and code rate can be changed on the fly on a block by block basis, allowing Chameleon to support ARQ systems with variable throughput based on link quality such as microwave point-to-point links, storage systems, satellite modems and robust military communications.

“Chameleon combines a highly flexible FEC with the convenience of a low-power, low-cost ASIC,” said Metin Bayram, director of FEC and high speed modem solutions at TrellisWare. “This combination allows systems developers significant freedom to change parameters throughout their development phase and into production, and still extract the best possible performance from their designs.”

TrellisWare expects to be sampling Chameleon ASICs in Q4 2007 with customer shipments in early 2008. TrellisWare will be featuring Chameleon and other F-LDPC products in Altera's booth at the MILCOM conference (Booth # 1430).

### About TrellisWare

TrellisWare Technologies, Inc. is a privately-held communications IP and products company headquartered in San Diego. Self funded since its incorporation in April 2000, TrellisWare has built a reputation as a leader in advanced communication algorithms, waveforms and turnkey communication systems that work when nothing else does. TrellisWare has developed a wide range of highly-advanced Forward Error Correction (FEC) algorithms and software defined radio (SDR) waveforms used in many military and commercial communication products. With deep expertise in radio physical layer design, networking, efficient high speed decoding, algorithm development and RF integration, TrellisWare is also developing a unique family of communication products capable of operating in the harshest RF environments.