

**EMRISE Corporation's subsidiary,  
CXR introduces a new Timing and Network Synchronization  
System at the 2007 Cebit Show**

CXR is introducing the TIEMPO 6400, a new range of Network Synchronization and Timing System aimed at serving most communication and industrial applications.

CXR has proven its leadership position in designing and manufacturing Network Synchronization and Timing Systems since 1988 that are well recognised through the CXR LARUS brand name. CXR patented a set of Direct Digital Frequency Synthesiser solutions that provide its Synchronisation products a high performance and unmatched long term stability. The Tiempo is a new generation Timing System based on the very last available technologies.

Tiempo is a cost effective and very compact solution that takes 2 or 3 U rack space only. But, it is also a modular and scalable system that offers a number of external and embedded clocks, as well as a complete choice of outputs to fulfil any customer requirements. A basic master Tiempo provides 8 user slots that make up to 64 outputs, but it can be linked to expansion shelves providing up to 128 outputs each, all with 1+1 protection schema capability.

The 8 ports output cards offer with a choice of interfaces such as E1 and T1 with 1+1 protection, Composite Clock, 1pps/1ppm/1pph, 1/5/10 MHz, RS422 and finally NTP Network Time Protocol over IP, to cover so many applications : edge and New Generation network, SDH / Sonet and PDH, Mobile phone and UMTS, but also Military, Utilities and Facilities requirements.

Tiempo is a BITS / SSU system with Stratum 1 stability thanks to its dual and redundant high accuracy GPS inputs, and a Stratum 2e holdover from its embedded Rubidium or DOCXO oscillator. The GPS availability makes it possible to get a Precision Reference Clock anywhere for unprecedented cost.

Tiempo embeds a performance monitor card that keeps checking the quality of up to five input signals and performs synchronization analysis of jitter, wander, TIE and MTIE parameters.

Tiempo is easy to operate thanks to a standard TL-1 command set, and the Easy-Tiempo software that is a Windows™ based software that makes easy configuring and controlling the unit. Tiempo is also very manageable from the IP network and can be integrated into a large network management system thanks to its IP, Telnet, ftp and SNMP protocols.

CXR will demonstrate the Tiempo at the Cebit show. You will be welcome to discover the Tiempo and the full range of CXR solutions at its booth Hall 13 Stand D10 A.



**Transmission & solutions d'accès aux réseaux LAN & WAN – Test & mesure**

**CXR ANDERSON JACOBSON, S.A.S. au capital de 1 350 000 € – 785 754 706 R.C.S. Dreux**

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