



Press Release

Comcores Delivers Ultra-fast Common Public Radio Interface (CPRI) v.6.0 Intellectual Property enabling the next generation of silicon devices for LTE-Advanced

By implementing a more bandwidth efficient coding scheme along with a higher degree of flexibility, CPRI v6.0 IP enables LTE-A radio and baseband solutions targeting Cloud-RAN networks applications.

Copenhagen, Denmark, June 13, 2014 — Comcores, a leading provider of IP cores for wireless infrastructure networks, today announced the immediate availability of a low-size and low-power Common Public Radio Interface (CPRI) v6.0 IP solution targeting both Radio Equipment (RE) and Radio Equipment Controller (REC) modules.

"We are extremely pleased to be the first company to commercially launch a CPRI 6.0 IP. The CPRI 6.0 IP core is designed to meet or exceed the requirements of C-RAN switches, base-band connectivity, Digital Front-End (DFE) processors, remote radio head connectivity or advanced test systems. The core can be dynamically configured to handle wireless multi-mode radio systems enabling high-performance throughputs required by LTE-Advanced radio base stations." says Thomas Noergaard, CEO of Denmark-based Comcores.

Companies choosing to implement a CPRI 6.0 IP cores benefits from getting a proven and highly interoperable product enabling fast track to market and lowering the overall silicon development risks and costs. The IP-core has gone through extensive testing and been verified by third parties and comes with a powerful regression test environment.

CPRI is the most widely deployed interface between baseband and radio sections of a wireless base station. The increased demand for bandwidth of broadband radio access networks requires increased link-rates. With the addition of 64B/66B coding technologies line-rates of up to 10,1376 Gbps is enabled in CPRI 6.0.

The Comcores CPRI v6.0 core features:

- Built-in support for CPRI v6.0 RE/REC and backwards compatible mapping methods
- Programmable Line rates up to 10,1376 Gbps.
- Up to 64 antenna carriers per IP core
- Integrated HDLC and 10/100 Ethernet MAC controllers or external GMII interface
- Portable RTL code for easy migration from FPGAs to ASIC/ASSP

About Comcores

Comcores is a market leader in the development of state-of-the-art IP-cores for wireless communication. The company is a leading provider of modular blocks and components for connectivity and radio functionality in existing and next generation mobile infrastructure networks. Comcores offers leading IP cores solutions, expertise in research and development as well as custom design solutions.