

## Radiocomp releases 4G Ready OBSAI RP3 v4.1 IP core for LTE, WCDMA and WIMAX

**Denmark, September 9th 2009** - To enable higher performances and carrier grade capacity for current as well as 4G multi-standard radio access networks, Denmark based Radiocomp today released their OBSAI RP3 v4.1 compliant IP core for LTE, WCDMA, CDMA, GSM and WIMAX supporting speeds up to 6.144 Gbps. The IP cores are independent from the selected silicon technology and hence targets both FPGA and ASICs.

Radiocomp's OBSAI RP3 v4.1 IP core comes ready with a fully-flexible and multi-standard IQ mapping module with embedded Ethernet MAC functionality, thereby minimizing engineering efforts and time to market for standards-based radio access products for LTE, GSM, WCDMA, CDMA and WIMAX. Combined with attractive pricing and a no-royalty based licensing scheme we offer the complete plug & play package for companies developing base stations, remote radio heads and sub systems thereof", stated Christian Lanzani, senior product manager at Radiocomp.

Radiocomp's OBSAI RP3 IP and Radiocomp's CPRI IP core are the most mature in the market. With a two year history in the field interoperating with virtually any base station or radio implementation the IP cores are without parallel the most thoroughly tested in the industry.

Through the highly reliable and flexible IP core design, customers can quickly adopt the functions of OBSAI thereby lowering risk and reducing the time to market for their distributed wireless access technology solutions.

The OBSAI RP3 v4.1 IP core is immediately available and includes key features such as:

- Built-in IQ sample mapping for LTE, GSM, CDMA, WCDMA and WIMAX
- Support for RP3 BBU, RP3-01 LU and RRU applications
- RP3/RP3-01 line rates of 768/1536/3072/6144 Mbps
- Up to 43 antenna carriers per IP core
- Includes RP1 10/100 Ethernet MAC and RP1 Frame Clock Burst Processing
- Requires a clock rate as low as 153.6 MHz to enable low-cost FPGA designs
- Scrambling layer
- Seamlessly applicable for FPGA and ASIC implementations

The IP cores are compliant with latest RP3 Conformance Test Cases Appendix G and OBSAI RP3 Air-Interface Profile v.1.0 ([www.obsai.com](http://www.obsai.com)). Radiocomp's IP core offering also includes an option for a complete HW and SW test environment, thus minimizing the investments in test equipment and verification. This renders Radiocomp's IP core the fastest path to market in the wireless access industry.

For more information and datasheets please visit <http://www.radiocomp.com/Subsystems/IP-Cores.aspx>

### About Radiocomp

Radiocomp is a leading provider of systems and components for next generation mobile and wireless networks. Radiocomp is the first company in the world to develop and manufacture state-of-the-art, fully-software-configurable remote radio heads and components for WiMAX and LTE radio networks. Please visit Radiocomp website at [www.radiocomp.com](http://www.radiocomp.com). For sales contact [sales@radiocomp.com](mailto:sales@radiocomp.com)