

## **OSS Nokalva ASN.1 Tools Support LTE**

Somerset, N.J., May 20, 2008 – OSS Nokalva, Inc. announced today support for Long Term Evolution (LTE) in the OSS ASN.1 Tools.

LTE, an evolution of the GSM/UMTS systems family, is emerging as the dominant next-generation broadband wireless technology supported by the world's largest mobile operators. A set of specifications for LTE has been approved by the 3<sup>rd</sup> Generation Partnership Project (3GPP) included in 3GPP Release 8, which is expected to be “frozen” by the end of 2008 or early 2009. First deployments of LTE are expected in 2010.

The next step in the HSPA (High Speed Downlink Packet Access) technology path, LTE uses OFDM (Orthogonal Frequency Division Multiplexing) and advanced antenna technologies such as MIMO (Multiple Input Multiple Output) enabling downlink peak speeds of 326 Mbps and uplink peak speeds of 86 Mbps, both with 20 MHz of bandwidth, and reducing latency to a 10-millisecond round trip between handsets and the base station.

Three of the standard protocols in the LTE series are specified in ASN.1 (Abstract Syntax Notation One) – the E-UTRA Radio Resource Control (RRC) Protocol, the E-UTRAN S1 Application Protocol, and the E-UTRAN X2 Application Protocol.

OSS Nokalva has extracted the ASN.1 specifications from these three protocol drafts, and input these into each of the four OSS ASN.1 compilers – the OSS ASN.1/C Compiler, the OSS ASN.1/C++ Compiler, the OSS ASN.1/C# Compiler, and the OSS ASN.1/Java Compiler. All of the ASN.1 specifications compiled successfully using each of the four compilers.

OSS is committed to supporting the RRC, S1, and X2 ASN.1 specifications and helping customers to integrate and support LTE in their products. For more information please contact our sales staff at [info@oss.com](mailto:info@oss.com) or +1-732-302-0750. Our toll free number is: 1-888-OSS-ASN1 (USA and Canada). With our world class software and 24 x 7 live technical support you can develop and implement ASN.1 standards-based products with ease.

### About OSS Nokalva, Inc.

[OSS Nokalva, Inc.](http://www.oss.com), a privately held company located in Somerset, New Jersey, has been offering the highest quality standards-based software, support, and services since 1988. OSS has been instrumental in the development of ASN.1, XML, and Biometrics standards, and standards-based solutions. OSS' international customer base of more than 900 customers includes leaders in telecommunications, security, finance, aviation, space, automotive, and government.