

OSS Nokalva ASN.1 Tools Pass PROTOS & NISCC Tests

OSS Nokalva is pleased to announce that the latest versions of its ASN.1 Tools for C, C++, and Java have been successfully tested using the PROTOS and NISCC test suites. These tests challenge the security and robustness of implementations, with the goal of reducing the vulnerability to attack of critical infrastructure components.

OSS tested using the following PROTOS test suites which were developed by the University of Oulu, Finland:

- Simple Network Management Protocol (SNMP) v1; and
- H.225 - a subset of H.323 which is a collection of protocols and other standards enabling conferencing over packet-based networks.

The NISCC tests were run for the following protocols:

- S-MIME (Secure/Multipurpose Internet Mail Extensions);
- SSL-TLS (Secure Sockets Layer (SSL) / Transport Layer Security (TLS); and
- X.400 (X.400 is the short name for the set of standards defined by the ISO and the ITU that describe a messaging service and which are widely used in email transport applications among other services.).

As your trusted ASN.1 vendor, OSS Nokalva understands the sensitive nature of infrastructure implementations and we take the security requirements of our customers very seriously. We ensure that our software undergoes rigorous and thorough testing. When you need high performance, reliable, and robust software, you need the OSS ASN.1 Tools. For more information call +1-732-302-9669 or email info@oss.com.

About the PROTOS Test Suites. These test-suites are a byproduct of the "PROTOS - Security Testing of Protocol Implementations" project. Each test-suite covers a limited set of information security and robustness related implementation errors within the chosen focus area. Links:

- https://www.ee.oulu.fi/research/ouspg/PROTOS_Test-Suite_c06-snmv1
- https://www.ee.oulu.fi/research/ouspg/PROTOS_Test-Suite_c07-h2250v4

About NISCC. NISCC (National Infrastructure Security C-ordination Centre) was an inter-departmental center of the UK government whose role was to minimize the risk to critical national infrastructure from electronic attack. NISCC provided advice and information on computer network defense. NISCC merged with the National Security Advice Centre (NSAC) to form the Centre for the Protection of National Infrastructure (CPNI). CPNI now provides security advice to businesses and organizations which make up the national infrastructure. They protect UK national security by helping to reduce the vulnerability of the national infrastructure to terrorism and other threats.