

# OSS Nokalva Products & Services

Expertise, Quality, Commitment

**OSS Nokalva** has been a leading provider of the highest quality ASN.1 software, support, and services since 1988.

Our portfolio of ASN.1 software products implements the ASN.1 standards as fully and as precisely as possible. The OSS ASN.1 Tools run on over 150 different platforms. Robust and scalable, these tools are perfect for any environment.

OSS Nokalva devotes significant resources to the continual improvement of our products and services to meet our customers' needs.

## BASIC TOOLS

### ASN.1/C Tools

A powerful development tool for rapidly building applications using ASN.1, this product features a powerful ASN.1:2002 capable compiler, a run-time library with ASN.1 BER, CER, DER, PER, XER and CXER encoder/decoder engines, and a rich collection of utilities to simplify and speed your development.

### ASN.1/C ++ Tools

The only true C++ development tool available today for building applications using ASN.1. This product provides the application programmer with a series of C++ classes that allow common programming operations according to the well-known principles of object-oriented programming

### ASN.1/Pure Java Tools

The Java Tools bring Java classes, platform-independence, and everything you'd expect from a Java based application to ASN.1.

## SPECIALIZED TOOLS

### JIA API

A modular add-on for the Pure Java Tools, it is a separate runtime library that allows manipulation of ASN.1 data in a generic way.

### Lean Encoder/Decoder

The best choice when both small size and high performance are required. The LED is optimized to offer fast encode/decode performance, and small code size.

### ECN Tools

Elevates the capabilities of ASN.1 based application developers to a new level. Features a multitude of capabilities to optimally manage encoding and decoding using combinations of standard ASN.1 encoding rules, or even your customized rules.

### Compile-And-Go Library

Allows you to parse ASN.1 modules at runtime, and instead of generating C structs or Java/C++ classes, etc., you can immediately use the OSS IAAPI library functions (included with the OSS ASN.1 Tools at no added cost) to create values, encode them, and decode messages.

## ANALYSIS TOOLS

### ASN-1Step

A versatile and flexible tool built to ease ASN.1 application development and testing. Use the intuitive GUI available in our new Windows version, to graphically create or modify ASN.1 values, without writing any code.

### PER Encoding Analyzer

Gives tools, such as protocol analyzers, direct control over the formatting and display of the output, while showing the fields of PER-encoded messages in detail. A perfect debugging tool if you use PER.

## SERVICES

### ASN.1 Courses

Whether you are a specifications designer or protocol implementer, OSS Nokalva courses are designed to help you focus on a high level view of protocol messages. OSS Nokalva provides ASN.1 instruction at our corporate headquarters or at your site.

### ASN.1 Consulting

Why spend precious time building your own in-house ASN.1 knowledge? Get your development cycle back on track. OSS Nokalva Consulting has ASN.1 experts ready to go. Benefit from our extensive development experiences and technical resources to accelerate the development of your applications.

## TECHNICAL SUPPORT

OSS includes a full year of technical support in our license price. Your support contract includes outstanding 24x7 support - an OSS staff member is always available to respond to your telephone calls or your email inquiries about our ASN.1 Tools or about ASN.1 in general. Your contract entitles you to new releases, new features, and currency with changes in the ASN.1 standard as well as changes in your operating system. Enjoy the convenience of our software download site - find the latest releases available.

## NEW TOOLS

### BioFoundry

BioFoundry is a suite of software development tools that will enable the creation of standards-based biometrics components, applications, and complete systems.

### XML Schema Tools

Map your XSD Schema to C, C++, or Java representations, and quickly produce XML documents or standard, highly compact binary encodings. When size and speed matter, don't compromise - the OSS XML Schema Tools for C, C++ and Java do it all!

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