

OSS Nokalva

Products & Professional Services

Expertise, Experience, Flexibility

OSS Nokalva, 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 shaping and developing ASN.1, XML, and Biometric standards and standards-based solutions. We support, on a 24x7 basis, an international customer base of more than 800 customers including such widely known companies as Cisco, IBM, Lucent, Motorola, Siemens, Ericsson, Samsung, and Verisign.

OSS Nokalva - Products

OSS ASN.1 Tools

The OSS ASN.1 Tools, available for C, C++, C#, and Java, offer a powerful development package for building ASN.1-based applications. These tools, ported to over 150 platforms, provide true ASN.1 2002, 1997, and 1990 support for all ASN.1 encoding rules. The OSS ASN.1 products meet the most demanding needs of organizations worldwide. It is no wonder that so many organizations have selected OSS Nokalva software for applications such as: 3G Mobile Systems (3GPP), Voice-Over-IP (VOIP), Security and Financial Services, Telecommunication Networks, Space Communication, Military applications, and many more.

OSS Binary XML Solutions

Now you can take advantage of two complementary, proven technologies – XML and binary encoding. OSS offers three Binary XML solutions: XML Schema Tools (XSD), Fast Web Services Tools (FWS) and Fast Infoset Tools (FI). The OSS Binary XML solutions for Java, C and C++, optimize your XML and Web Services applications, reducing the size related costs associated with the transmission, parsing, and serialization of XML documents. You achieve cost reduction without losing XML's many benefits such as inherent self-description and interoperability.

OSS BioFoundry® Tools

OSS BioFoundry®, a division of OSS Nokalva, has developed a software development kit that provides all you need to easily and quickly develop identity assurance solutions that support any biometric modality. Designed for rapid application development, the BioFoundry® SDK allows you to take advantage of popular object oriented programming languages. C, C++, C#, Visual Basic, VBScript, and JavaScript are currently supported. Java support will be available soon.

OSS Nokalva - Professional Services

In today's dynamic marketplace, changing technologies, cost and time to market continually drive the rapid pace of solution development. Solution implementation requires a depth and breadth of both technical and business skills. A successful solution must be based on the appropriate technology, providing the required levels of security, scalability, reliability and performance while easily integrating into existing frameworks - IT infrastructures, legacy applications, workflow procedures, and regulatory processes.

Let the expert consultants at OSS Nokalva work with you, as a trusted partner, to define, design, to implement a solution that meets your technical as well as business requirements. Our unique skills set and experience allow us to design high quality, standards-based solutions. We invest in continually training our personnel, ensuring that the solutions we design take full advantage of changes in technology. Leverage our extensive experience in open, standards-based technology to reduce development time and ensure a successful deployment.

OSS professionals have proven expertise in the structured definition and design of quality standards-based solutions. Our team employs a consistent, well-defined approach to solution implementation. Clearly defined deliverables guarantee knowledge transfer, while milestones guarantee your ability to track your solution's progress. You choose which aspects of your solution implementation best benefit from the services of our consulting team.

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Services Available

- **Technical Consulting** – Let OSS’ team of experts work with you to define your solution requirements, design a solution, and develop or recommend solution components that satisfy your specific requirements. Whether you wish to enhance an existing solution, or develop a new one, we have the skills and expertise to meet your needs, quickly and cost-effectively.
- **Migration Services** – OSS will work with you to develop a plan and provide the services to transition existing solutions or components to become standard-based with the least amount of disruption.
- **Integration Services** – OSS will assist you in the seamless integration of a new solution or component for your existing IT infrastructure. For example, a new identity assurance solution will likely need to “play well” with legacy applications, workflow systems, Identity Management systems, and regulatory processes. It will need to integrate at the human factors level as well.
- **Application Development** – OSS offers end-to-end application development and implementation including training and program management. Work with our team of consultants to define, design, and cost-effectively implement the right solution for you.
- **Testing and Reporting** – OSS offers testing services to test a component or solution, for conformance based on published standards.
- **Porting** - Every day newer, smaller, more powerful mobile or embedded platforms are becoming available, and your solution needs to support them. OSS offers high quality porting services – our experienced porting team has ported to over 150 platforms. Leverage our experienced resources to keep your solution on schedule and within budget.
- **Seminars** - OSS offers seminars on ASN.1, XML, and biometrics standards tailored to meet your needs.

Why OSS Nokalva Services?

- **Expertise** - OSS has been involved in defining standards and creating standards-based software components for 17+ years. Several OSS employees are active participants in standards committees at the national and international levels. We understand the origin of and reasoning behind all of the changes in standards, and we have good insights into what is to come.
- **Experience** – We have many years of industry experience in delivering both small and large-scale services engagements. OSS supports more than 900 customers worldwide, in different market segments including telecommunications, finance, and space/aviation.
- **Flexibility** – We work with you to define the solution requirements, and modify these requirements if your needs change. Clearly documented requirements, deliverables, and milestones, guarantee that the solution will meet the intended technical and business needs.

OSS Services Methodology

Our solution development methodology allows us to work with you throughout the lifecycle of the project. We use a structured phased approach to successfully deliver on the end-to-end development and implementation projects:

1. Requirements Definition
2. Functional Requirements
3. Technical Design
4. Development & Unit Testing
5. System Testing
6. User & Technical Documentation
7. Acceptance Testing
8. Training
9. Maintenance & Support

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