

# Open Vision Data exchange (OVDex)

Data services SOA solution software integration with data reporting and analytics.

*OVDex by Solentus provides a robust service oriented architecture (SOA) solution to enable customers with data services needs to manage, publish, and subscribe to multiple data sources and existing technologies. The OVDex data management suite complements existing corporate environments by leveraging current and cutting edge solutions to achieve mission critical and business needs. The OVDex solution enables decision makers to easily conduct drill-down data analysis and data transformation. OVDex reporting features maximize effectiveness and enhance return on investment.*



Through the OVDex SOA integration initiative, Solentus works with partners to validate integration and provide a standards-based product suite. Clients benefit from improved overall information management. With OVDex, clients can experience improved efficiency and lower total cost of ownership.

## OVDex Software

With OVDex, Solentus customers, within the Federal Government, drive business performance by aligning all in the enterprise with individual agency goals and needs. The OVDex data management suite is designed from the ground up to ensure that current industry standards, security, and visualization capabilities are applied. OVDex next generation technology makes possible breakthrough performance and a sustainable competitive advantage.

## Integration Overview

OVDex enables customers to securely leverage data management within existing systems, allowing for timely analysis and delivery of information. OVDex provides clients with a current-state snapshot, useful in planning a roadmap for improved efficiency, security, and standardization. The major components of OVDex are the FOXTROT visualization experience, FLORENCE middleware data manager, and Standards and Schema Validator (SEAS), all built upon the OVDex data services bus. These components can be integrated individually or as a complete suite, depending on client needs.

## OVDex Data Management Applications

Solentus offers a suite of applications to integrate OVDex with existing platforms. It enables rapid response to changing business needs and opportunities.

## OVDex Data Service Bus

The OVDex Data Services Bus is a proven lightweight data management platform, specifically designed for integrating and managing data services in a shared SOA infrastructure.

The OVDex data service bus allows clients to implement an intelligible and configurable service integration to their system that encompasses several different data delivery patterns and formats. This component is a pluggable architecture that

allows organizations to use their preferred service virtualization architecture within a SOA ecosystem.

#### **FLORENCE Middleware Data Manager**

FLORENCE middleware data manager supports the collection and integration of real-time data from the data service bus. This integration includes a variety of data types from multiple sources that can be captured and quality checked in a virtual data environment. This virtual data environment allows clients to build multiple applications for their specific needs. FLORENCE is available as a stand-alone hardware appliance or as part of the OVDex data management suite.

#### **Standards and Schema Validator (SEAS)**

SEAS is a specialized gateway designed for both off-line and real-time validation of XML payloads. This pluggable software component manages business logic, policies, and procedures of the data service bus. SEAS is available as a stand-alone hardware appliance or as part of the OVDex data management suite.

#### **FOXTROT Visualization Experience**

FOXTROT is an interactive online tool that displays a visual representation of the performance indicators. The visualizations are dynamic and allow users to search and filter data streams per their mission goals. FOXTROT is integrated with FLORENCE and is available as part of the OVDex data management suite.

#### **OVDex Key Benefits**

- Reduced integration complexity and cost
- Extreme performance and unlimited scalability
- Improved control and visibility
- Improved developer productivity
- Reduced support and maintenance cost
- Faster time-to-market for new services

<b>Technical Specification</b>	
OS	Linux, Solaris, HP-UX, Windows, AIX, Mac OS x
Database	Oracle, MySQL, PostgreSQL, SQL Server, Sybase
Containers	EJB3, Spring ESB, OSGI
Application Server	Tomcat, WebLogic, WebSphere, JBoss, Glass Fish
Event Handling	Asynchronous Synchronous Transactions SEDA, Routing Patterns Streaming
Development Tools	Ant, Eclipse, Maven Netbeans IDE, JDeveloper IDE, Eclipse IDE
Web Services	REST, WS-Addressing ,WS-Policy, WS-Security, WSDL
Transports	JMS, SOAP, CXF, Email, FTP, Hibernate, HTTP/S, JDBC, LDAP, POP3/S, SFTP, Servlet, SMTP, TCP, UDP
Security	Spring Security, JAAS
Languages	Java, JavaScript, Groovy
Data Formats	XML, HTML / XHTML, Base 64 encoded Byte arrays, CSV, Encrypted GZIP, JSON
Data Transformation	XQuery, XSLT

For additional information about partnering with Solentus, please contact us at <mailto:info@solentus.com>.



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