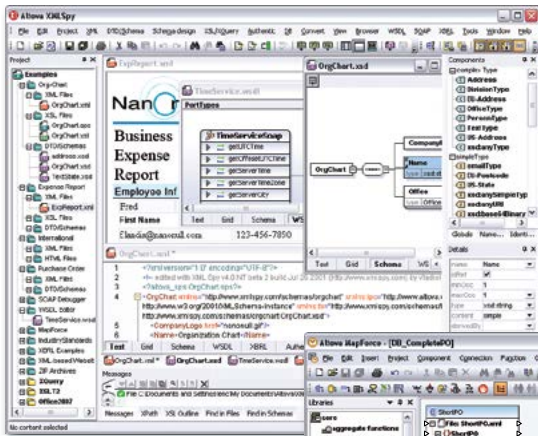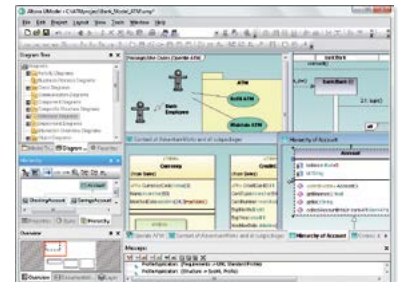# Altova® MissionKit® – integrated Suite of XML, SQL, and UML tools for information architects and application developers.
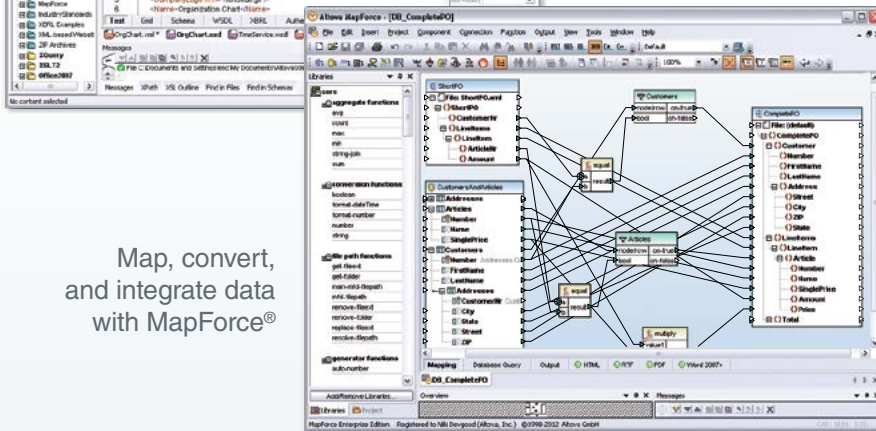
MissionKit includes Altova XMLSpy, MapForce, StyleVision, and other marketleading products for building today's real-world software solutions. Choose Altova MissionKit, you'll get up to seven award-winning tools for less than the price of two!*
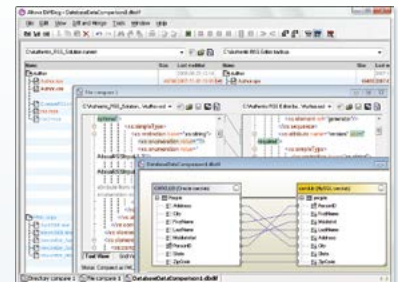
Develop XML, JSON, XSLT, XBRL, & more with XMLSpy®
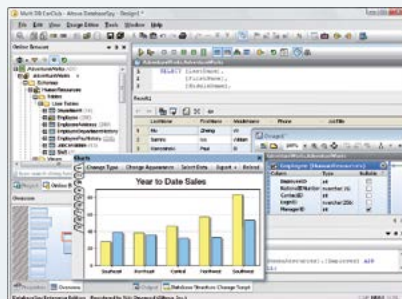
Develop applications and model software with UModel®

Map, convert, and integrate data with MapForce®

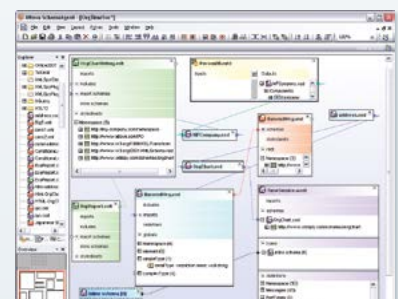Diff/merge files, directories, and databases with DiffDog®

Create multi-channel reports with StyleVision®

Design databases and queries for multiple databases with DatabaseSpy®

Manage XML-based file relations with SchemaAgent®

The Altova MissionKit software suite includes the complete Altova product line at a special price.

Visit www.altova.com to download a free, fully-functional 30-day trial!

What's New in the Altova® MissionKit®

Listed below are highlights of new features added in recent releases. For a complete list, including versions before v2013, visit http://www.altova.com/newfeatures.html.

	v2017	v2016	v2015	v2014	v2013
ALTOVA® XMLSpy® *XMLSpy is the industry-leading XML development environment.*	• All new Find functionality in Text View • Apache Avro™ viewer • Avro Schema editor • New XSLT/XQuery features + performance improvements • Inline XBRL & XBRL Taxonomy Package support • Enhanced database support (see DatabaseSpy)	• Enterprise-grade XPath & XQuery Debugger • JSON Schema editor and validator • Generation of JSON Schema⇔JSON instance • Mass XML to JSON converter • XSD⇔JSON Schema conversion • Processing XSLT, XQuery & JSON on installed RaptorXML Servers	• Intelligent XML file modification with XQuery Update Facility 1.0/3.0 • Support for XQuery Update Facility via XQuery execution • Enhanced XSLT 3.0 support • XBRL Table layout preview • Building XBRL Formulas visually, via new XBRL Table Preview • Support for US GAAP taxonomy updated to include 2014	• XML Schema 1.1 support • Integration of RaptorXML engine • XPath 3.0, XSLT 3.0, and XQuery 3.0 support • XBRL Formula and Table Linkbase support • XSL Speed Optimizer • Integration with Eclipse 4.3 & Visual Studio 2013 • Numerous validation and XML generation enhancements	• Smart Fix validation • Seamless integration options in Java applications • Support for embedding XML Schemas in WSDL files • Enhanced WSDL documentation options • Flexible integration of external programs
ALTOVA® MapForce® *MapForce is a visual data mapping and data integration tool.*	• Dynamic access to node names for generic mappings • Update-If and Insert-Rest database table actions performed as SQL Merge when possible • Support EDIFACT 2015B and 2016A, VERMAS message • Inline XBRL & XBRL Taxonomy Package support • Enhanced database support (see DatabaseSpy)	• Interactive data mapping debugger with breakpoints, views of intermediate data, multiple stepping options, and more • Support for REST web services • Significant speed-up of EDI mappings • Windows 10 support • Support for Firebird databases	• JSON support as mapping input and/or output component • XBRL Table Linkbase support • Support for US GAAP 2014 XBRL taxonomy • New function replicate-item • New Flextext option for Single Split "delimited (line starts with)" • Support for German, Spanish, and Japanese languages in format-date function	• Support for XML wildcards and CDATA in XML files • Integration of RaptorXML for XSLT and XQuery transformations • New functions for processing and generating sequences • Timeout settings for Web services calls and database execution • Integration with Eclipse 4.3 & Visual Studio 2013	• Support for SQL stored procedures • New API for integration into Java programs • Support for US GAAP 2012 XBRL taxonomy • Integration with Eclipse 4.2
ALTOVA® StyleVision® *StyleVision is a stylesheet and report designer for XML, databases, and XBRL.*	• Creation of fillable PDF forms • XBRL Taxonomy Package support • Enhanced database support (see DatabaseSpy) • Integration with Eclipse 4.6	• Ability to start design based on Word document • Copy/paste of items from Word/Excel • Windows 10 support • Support for Firebird databases • Integration with Visual Studio 2015 & Eclipse 4.5	• Support for generating HTML fragments • Support for footnotes in RTF, PDF, and Word output • Support for US GAAP 2014 taxonomy (adds to support for previous versions)	• Integration of RaptorXML engine • XSLT 3.0 and XPath 3.0 support • Enhanced XPath dialog • Support for new databases • New Altova extension functions • Integration with Eclipse 4.3 & Visual Studio 2013	• Table row and column conditions • XPath Evaluator extension of XPath Builder • Java application seamless integration • Watermark support • Additional toolbars for easier design
ALTOVA® UModel® *UModel is UML tool for software modeling and application development.*	• Enhanced database support (see DatabaseSpy) • Integration with Eclipse 4.6	• Support for C# 6 • Support for Java 8 • Windows 10 support • Support for Firebird databases • Integration with Visual Studio 2015 & Eclipse 4.5	• Support for integration with Eclipse 4.4 (Adds to support for previous versions) • Usability and user interface enhancements	• Support for new databases • Support for project-related SPL templates for greater customization of generated code • Integration with Eclipse 4.3 & Visual Studio 2013	• Support for UML 2.4 • Support for SysML 1.2 • Support for displaying .NET properties as UML associations • Spell checker for model components
ALTOVA® DatabaseSpy® *DatabaseSpy is a multi-database query, design, and comparison tool.*	• Support for ADO.NET database drivers • Native support for PostgreSQL • Support for Progress OpenEdge databases • Support for SQL Server 2016	• Windows 10 support • Support for Firebird databases • Support for numerous databases updated to include newest versions	• Usability and user interface enhancements	• Support for new databases and versions implemented across the MissionKit product line: Informix 11.70, PostgreSQL versions 9.0.10/9.1.6/9.2.1, MySQL 5.5.28, IBM DB2 versions 9.5/9.7/10.1, SQL Server 2012, Sybase ASE (Adaptive Server Enterprise) 15/15.7, and Access 2010/2013	• Usability and user interface enhancements
ALTOVA® DiffDog® *DiffDog is a unique diff/merge tool for files, directories, and databases.*	• Enhanced database support (see DatabaseSpy)	• Windows 10 support • Support for Firebird databases • Support for numerous databases updated to include newest versions	• Usability and user interface enhancements	• Support for new databases for database schema and content comparison	• Print results of directory comparisons • Significant performance improvement for XML comparisons

Altova MissionKit is available in two editions designed to offer the functionality you need – at an attractive price.

	E	P

Altova MissionKit Enterprise Edition

provides the most advanced functionality, including XBRL tools, Web services develop-ment, chart creation, EDI mapping, and more, in addition to core func-tionality for XML, SQL, and UML development, in a tightly integrated toolset. It includes Enterprise Editions of XMLSpy, MapForce, StyleVision, UModel, DiffDog, DatabaseSpy, and SchemaAgent.

Altova MissionKit Professional Edition

offers a subset of the tools and functionality found in the Enterprise Edition. It includes Professional Editions of XMLSpy, MapForce, StyleVision, UModel, and DatabaseSpy.

19th Annual
PRODUCT EXCELLENCE AWARD WINNER
JOLT

Altova MissionKit wins Jolt Award for Best Development Environment

ALTOVA® XMLSpy®
- XML editor
- Graphical schema editors
- XSLT & XQuery editors, debuggers, & profilers
- Web services development
- MS Office / OOXML support
- XBRL validator & taxonomy editor
- JSON editor / converter
- XML chart creation

E ● P ●

ALTOVA® MapForce®
- Graphical data mapping tool for:
  - XML
  - Databases
  - EDI (EDIFACT, X12, HL7, IDoc)
  - Flat files
  - Excel / OOXML
  - JSON
  - XBRL
  - Web services

E ● P ●

ALTOVA® StyleVision®
- XSLT & XSL:FO stylesheet designer
- Electronic forms designer
- Report builder for XML, DBs, XBRL
- HTML, Word, PDF & e-form output
- Chart generation for XML, DBs, XBRL

E ● P ●

ALTOVA® UModel®
- UML modeling tool
- Support for all 14 UML diagrams, BPMN & SysML
- Support for Model Driven Architecture with model transformation
- SQL database modeling
- Code gen / reverse engineering for Java, C#, VB.NET

E ● P ●

ALTOVA® DatabaseSpy®
- Multi-database design / query / comparison tool
- Intelligent SQL editor
- Content editing & structure conversion
- Chart creation from SQL results

E ● P ●

ALTOVA® DiffDog®
- Compare & merge:
  - Text
  - XML
  - MS Office (OOXML)
  - Directories
  - Databases
  - XML and database schemas
- XML-aware differencing options

E ●

ALTOVA® SchemaAgent®
- XML-based file management
- Visualize and drag & drop to manage file relationships
- View & configure IIRs
- Build complex XSD, XSLT & WSDL docs from smaller components

E ●