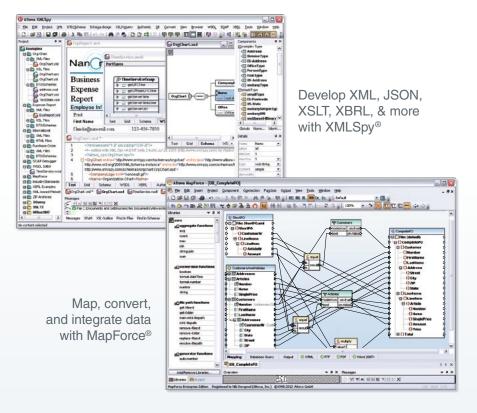
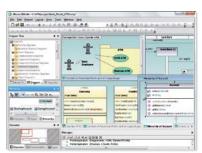


Altova® MissionKit® – integrated Suite of XML, SQL, and UML tools for information architects and application developers.

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!*

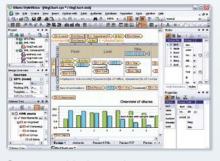




Develop applications and model software with UModel®



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.



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 v2014, visit http://www.altova.com/newfeatures.html.

	v2018	v2017	v2016	v2015	v2014
XMLSpy® XMLSpy is the industry-leading XML development environment.	 New HTTP window 3-way XML diff/merge Processing JSON with XSLT/XQuery Speed improvements in XSLT engine Improved XSLT/XQuery spec conformance XBRL Versioning 1.0 XML Signatures 1.1 	 All new Find /Replace functionality XSLT / XQuery back-mapping 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
MapForce® MapForce is a visual data mapping and data integration tool.	 Node functions Speed improvements in XSLT engine NCPDP SCRIPT support Ability to insert/remove Excel columns Support for Sybase 16, PostgreSQL 9.6, MySQL 5.7, Teradata 16, MariaDB 10 Code gen for VS 2013-2017 	 Dynamic access to node names for generic mappings Update-If and Insert-Rest database table actions performed as SQL Merge New join component Support for EDIFACT 2015B and 2016A, VERMAS message 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
StyleVision® StyleVision is a stylesheet and report designer for XML, databases, and XBRL.	 Speed improvements in XSLT engine Improved XSLT/XQuery spec conformance Automatic iXBRL generation Support for Sybase 16, PostgreSQL 9.6, MySQL 5.7, Teradata 16, MariaDB 10 	 Creation of fillable PDF forms XBRL Taxonomy Package support Generation of MobileTogether design files Enhanced database support (see DatabaseSpy) 	 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
UModel is UML tool for software modeling and application development.	 Support for C++ Support for Java 9 Support for Sybase 16, PostgreSQL 9.6, MySQL 5.7, Teradata 16, MariaDB 10 	Support for C# 7 Enhanced database support (see DatabaseSpy) Integration with Eclipse 4.6 and VS 2017	 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
DatabaseSpy® DatabaseSpy is a multi-database query, design, and comparison tool.	 Support for SQL Templates Foreign key enforcements in SQLite Support for Sybase 16, PostgreSQL 9.6, MySQL 5.7, Teradata 16, MariaDB 10 	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
DiffDog® DiffDog is a unique diff/merge tool for files, directories, and databases.	 3-way diff/merge Support for Sybase 16, PostgreSQL 9.6, MySQL 5.7, Teradata 16, MariaDB 10 New product: DiffDog Server 	All-new Find/Replace dialog 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



Altova customers with an active Support & Maintenance Package (SMP) receive all major software upgrades and maintenance releases, in addition to priority technical support, at no additional cost during their SMP period.



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Altova MissionKit is available in two editions designed to offer the functionality you need – at an attractive price.				
Altova MissionKit Enterprise Edition provides the most	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 	•	•
advanced functionality, including XBRL tools, Web services development, chart creation, EDI mapping, and more, in addition to core functionality for XML, SQL, and UML development, in a tightly integrated	ALTOVA® MapForce®	• Graphical data mapping tool for: • XML • Databases • EDI (EDIFACT, X12, HL7, IDoc) • Flat files • Excel / OOXML • JSON • XBRL • Web services	•	•
toolset. It includes Enterprise Editions of XMLSpy, MapForce, StyleVision, UModel, DiffDog, DatabaseSpy,	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 	•	•
Altova MissionKit Professional Edition offers a subset of the tools and functionality	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 	•	•
found in the Enterprise Edition. It includes Professional Editions of XMLSpy, MapForce,	ALTOVA® DatabaseSpy®	 Multi-database design / query / comparison tool Intelligent SQL editor Content editing & structure conversion Chart creation from SQL results 	•	•
Style Vision, UModel, and Database Spy. 19th Annual PRODUCT EXCELLENCE AWARD WINNER	ALTOVA® DifffDog®	Compare & merge: Text XML MS Office (OOXML) Directories Databases XML and database schemas and 3-way comparisons	•	
Altova MissionKit wins Jolt Award for Best Development Environment	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 	•	