

## PRODUCT OVERVIEW

# OpenText Contivo

Maximize the value of enterprise data and achieve actionable insight



**Increases** agility in developing, integrating and managing data transformation



**Enables** reliable, performant, compliant and auditable data transformation



**Supports** any-to-any format mapping and reduces time to market for any integrations

**OpenText™ Contivo™ is a data transformation product used to create specifications for data usage and map data between various structured formats and standards. Allowing organizations to reconcile data diversity, no matter how complex, Contivo extracts value out of all data to enable integration and insights across the enterprise.**

Contivo tackles data transformation in a flexible and systematic way with advanced capabilities that provide the power and flexibility that business analysts, application developers and mappers need.

The solution offers integration architects and other integration user personas with powerful data mapping capabilities, as well as a centrally-managed repository that facilitates reuse and collaboration to a previously one-off and manual task.

Contivo works in projects that use canonical formats as well as in those that use source-to-target specific maps. To deploy the developed transformations to a service, cloud or middleware, Contivo generates code that can run in virtually any Java environment and can also produce eXtensible Stylesheet Language Transformations (XSLT). When requirements change, Contivo updates maps with data formats or transformation logic and verifies that they have been successfully changed, without breaking existing processes. This allows for unparalleled flexibility and helps organizations dramatically reduce the time, effort, resources and money spent on data transformation.

## Increase agility

Teams can increase their agility in developing, deploying, documenting and maintaining integrations across multiple data sources and platforms.

## Accelerate time to market

Organizations can improve collaboration between data architects, business analysts and developers to make data integration projects faster and more efficient.

## Reduce cost

Users can easily migrate maps from one version to another, allowing reuse and lower integration maintenance costs over time.

## Avoid vendor lock-in

Organizations can avoid integration platform lock-in with the ability to deploy maps in any runtime environment.

## The smart way of performing data transformation

Contivo provides platform-independent any-to-any mapping capabilities and an easy-to-use graphical UI design. Patented intuition features within Contivo Analyst use machine learning techniques and sophisticated automation to examine sample source and target data, review existing maps and experiment with possible mappings. Consequently, the data mapping process becomes more intuitive, efficient, affordable and reusable. Typically, Contivo intuition features reduce the cost of rebuilding data transformations (i.e. data maps) by 50 to 70 percent.

## Features

**Map Intuition** is an optional extension that lets users rapidly reconstruct an existing data transformation through analysis of the data samples flowing through it. Users upload the source and target interfaces and samples of the data flowing through the transformation into Contivo. Map Intuition provides a recommendation of the new map.

**Rule Intuition** works on a given field mapping, or set of field mappings, to identify rules for the transformation from source data to target data. It can also search through all of the source data to find new field mappings that may be necessary to produce the given baseline data, whether the data is involved directly or in conditional statements.

**Interface Intuition** is an extension enabling rapid construction of a new interface based on analysis of the data model used in a sample message. Contivo simply generates a new interface based on an XML, EDI, JSON or flat file of the user's choosing, which they can use as such or edit further in Analyst.

These features improve efficiency, enhance knowledge of data architecture and reduce costs in a variety of data transformation scenarios, including:

- Platform migrations
- Addressing data transformation
- Migrating to service-oriented Architecture (SOA) or a canonical data architecture
- Moving to a new central application
- Mergers and acquisitions

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## OpenText Professional Services – enabling customers in their digital journey

- Managed Services
  - Consulting Services
  - Learning Services
  - Cloud Managed Services
  - Integration software
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## Related solutions

- Integration software
  - B2B gateway
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Product feature	Description
Any-to-any integration	Supports data mapping between any mixture of data formats, including XML, JSON, legacy and flat-file data, spreadsheets and Java objects, to build integrations between any application and system
Integration automation	Includes machine-learning features, such as map intuition, interface intuition and rule intuition, which accelerate data integration and migration projects
Intuitive interface	Leverages an intuitive interface for users at various skill levels to build specifications and complete maps
Map portability	Generates optimized runtime code in Java and XSLT for multiple platforms, making maps created in Contivo portable and deployable into multiple vendor environments
Documentation export	Exports documentation on data interfaces and maps  Stores documentation in a central repository to keep integration operations organized and well-documented
Collaboration support	Shares and locates information to facilitate efficient collaboration and reuse of assets with APIs and interface definitions  Acts as a living repository to aid future migrations

## About OpenText

OpenText, The Information Company, enables organizations to gain insight through market leading information management solutions, on-premises or in the cloud. For more information about OpenText (NASDAQ: OTEX, TSX: OTEX) visit: [opentext.com](https://opentext.com).

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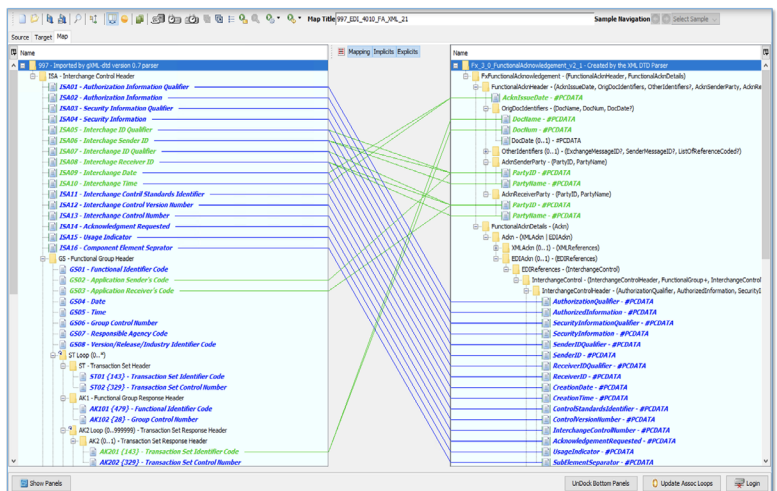
## Watch the video

Interface Tree	Min Occur	Max Occur	Description	Mapping Status	Interface Notes	ISE Element ID
ST Loop	1	1	Transaction Set Header			ST Loop
ST Loop	1	1	Transaction Set Header			ST
ST1 (143) - Transaction Set Identifier	1	1	Transaction Set Identifier			143
ST2 (229) - Transaction Set Control Number	1	1	Transaction Set Control Number			229
ST3 - Beginning Segment for Invoice	1	1	Beginning Segment for Invoice			855
ST Loop	1	1	Invoice			245
ST1 (245) - Invoice Date	1	1	Invoice Date			245
ST2 (245) - Invoice Number	1	1	Invoice Number			245
ST3 (245) - Purchase Order Date	0	1	Purchase Order Date			245
ST4 (245) - Purchase Order Number	0	1	Purchase Order Number			245
ST5 (245) - Release Number	0	1	Release Number			245
ST6 (245) - Change Order Sequence Number	0	1	Change Order Sequence Number			245
ST7 (245) - Invoice Type	0	1	Invoice Type			245
ST8 (245) - Note/Special Instruction	0	100	Note/Special Instruction			245
ST Loop	1	1	Note Reference Code			245
ST1 (245) - Note Reference Code	0	1	Note Reference Code			245
ST2 (245) - Free Form Message	0	1	Free Form Message			245
ST3 (245) - Currency	0	1	Currency			245
ST Loop	1	1	Organization Identifier			245
ST1 (245) - Organization Identifier	0	1	Organization Identifier			245
ST2 (245) - Exchange Rate	0	1	Exchange Rate			245
ST3 (245) - Organization Identifier	0	1	Organization Identifier			245
ST4 (245) - Currency	0	1	Currency			245
ST5 (245) - Currency Market/Exchange Code	0	1	Currency Market/Exchange Code			245
ST6 (245) - Date/Time Qualifier	0	1	Date/Time Qualifier			245
ST7 (245) - Date	0	1	Date			245
ST8 (245) - Time	0	1	Time			245
ST9 (245) - Date/Time Qualifier	0	1	Date/Time Qualifier			245
ST10 (245) - Date	0	1	Date			245
ST11 (245) - Time	0	1	Time			245
ST12 (245) - Date/Time Qualifier	0	1	Date/Time Qualifier			245
ST13 (245) - Date	0	1	Date			245
ST14 (245) - Time	0	1	Time			245
ST15 (245) - Date/Time Qualifier	0	1	Date/Time Qualifier			245
ST16 (245) - Date	0	1	Date			245
ST17 (245) - Time	0	1	Time			245
ST18 (245) - Date/Time Qualifier	0	1	Date/Time Qualifier			245
ST19 (245) - Date	0	1	Date			245
ST20 (245) - Time	0	1	Time			245

Basic interface modeling

Interface Tree	Type	Representation	Value Size	Value Items	Permitted Values	Encoding
ST Loop	Text	General Character - General	3,3		01, 04, 05, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 20, 25, ...	UNP, EBT, ...
ST1 (143) - Transaction Set Identifier	Text	General Character - General	4,9			unterminated
ST2 (229) - Transaction Set Control Number	Text	General Character - General	4,9			unterminated
ST3 - Beginning Segment for Invoice	Text	General Character - General	2,2			unterminated
ST Loop	Text	General Character - General	6,6			unterminated
ST1 (245) - Invoice Date	Date	General Character - YYYYMMDD	6,6			unterminated
ST2 (245) - Invoice Number	Text	General Character - General	1,32			unterminated
ST3 (245) - Purchase Order Date	Date	General Character - YYYYMMDD	6,6			unterminated
ST4 (245) - Purchase Order Number	Text	General Character - General	1,32			unterminated
ST5 (245) - Release Number	Text	General Character - General	1,32			unterminated
ST6 (245) - Change Order Sequence Number	Text	General Character - General	1,32			unterminated
ST7 (245) - Invoice Type	Text	General Character - General	2,2			unterminated
ST8 (245) - Note/Special Instruction	Text	General Character - General	3,3			unterminated
ST Loop	Text	General Character - General	1,60			unterminated
ST1 (245) - Note Reference Code	Text	General Character - General	1,60			unterminated
ST2 (245) - Free Form Message	Text	General Character - General	1,60			unterminated
ST3 (245) - Currency	Text	General Character - General	1,60			unterminated
ST Loop	Text	General Character - General	2,2			unterminated
ST1 (245) - Organization Identifier	Text	General Character - General	2,2			unterminated
ST2 (245) - Exchange Rate	Text	General Character - General	2,2			unterminated
ST3 (245) - Organization Identifier	Text	General Character - General	2,2			unterminated
ST4 (245) - Currency	Text	General Character - General	2,2			unterminated
ST5 (245) - Currency Market/Exchange Code	Text	General Character - General	2,2			unterminated
ST6 (245) - Date/Time Qualifier	Text	General Character - General	2,2			unterminated
ST7 (245) - Date	Text	General Character - General	2,2			unterminated
ST8 (245) - Time	Text	General Character - General	2,2			unterminated
ST9 (245) - Date/Time Qualifier	Text	General Character - General	2,2			unterminated
ST10 (245) - Date	Text	General Character - General	2,2			unterminated
ST11 (245) - Time	Text	General Character - General	2,2			unterminated
ST12 (245) - Date/Time Qualifier	Text	General Character - General	2,2			unterminated
ST13 (245) - Date	Text	General Character - General	2,2			unterminated
ST14 (245) - Time	Text	General Character - General	2,2			unterminated
ST15 (245) - Date/Time Qualifier	Text	General Character - General	2,2			unterminated
ST16 (245) - Date	Text	General Character - General	2,2			unterminated
ST17 (245) - Time	Text	General Character - General	2,2			unterminated
ST18 (245) - Date/Time Qualifier	Text	General Character - General	2,2			unterminated
ST19 (245) - Date	Text	General Character - General	2,2			unterminated
ST20 (245) - Time	Text	General Character - General	2,2			unterminated

Advanced interface modeling



Ability to map any source to any target format