EDIConnect

A Complete Solution for Accurate and Efficient Bi-Directional Electronic Data Interchange
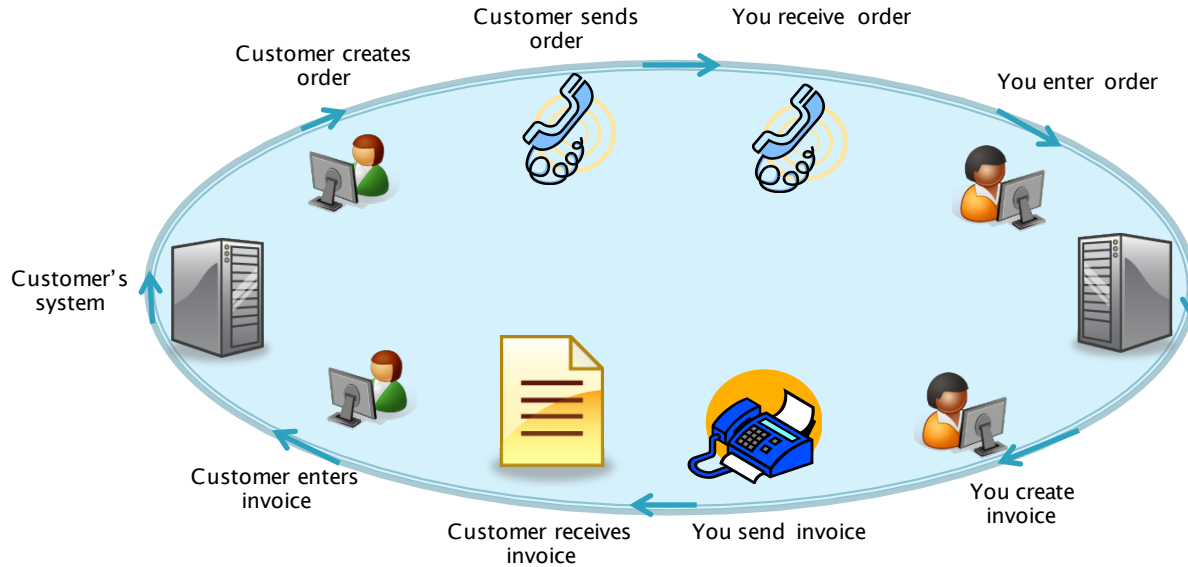
EDIConnect

- Electronic data interchange (EDI) automates the exchange of business documents from different sources in a standard electronic format

- Integrated environment with full range of EDI functionality in Astera's signature unified, user-friendly environment

- Advanced technology, power, and scalability to meet the most demanding business needs and fully leverage the promise of EDI technology

Key Features

- Intuitive user interface with visual tools to build bi-directional integration

- Incoming le translation and ingestion with built-in transaction sets

- Advanced data mapping, validation, and correction capabilities to better manage data ingestion

- Fast and easy outgoing transaction construction

- Acknowledgement generation

- Automation, process orchestration, and job scheduling

Manual vs. EDIConnect

Customer creates order
Customer sends order
You receive order
You enter order
Customer's system
Customer enters invoice
Customer receives invoice
You send invoice
You create invoice

VS.

Customer system
EDI documents
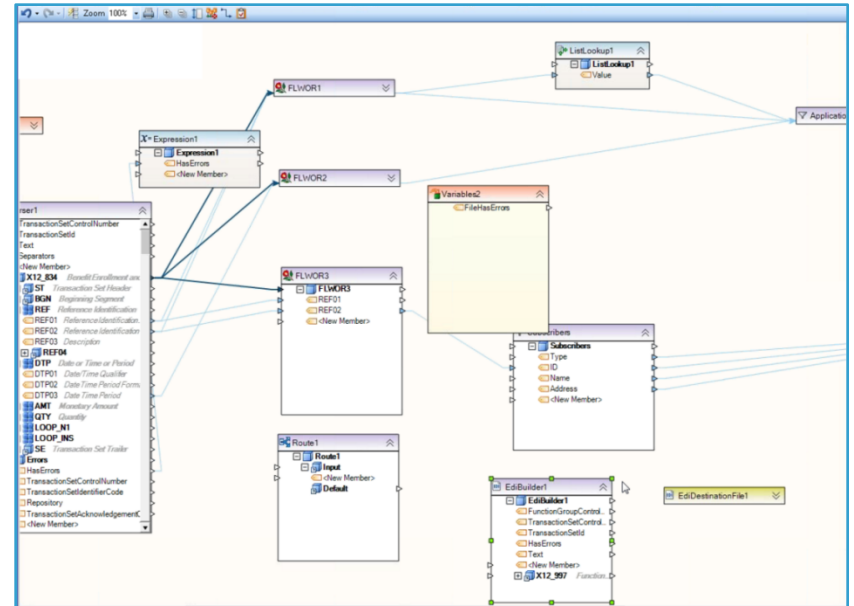Your system

EDIConnect Technologies

- Translator
- Transaction Builder
- Validator
- Repository Manager
- Partner Manager
- Automation and Process Orchestration
- Job Scheduler

Translator

- High-performance streaming EDI translator delivers performance and scalability to efficiently process all sizes of data volumes

- Drag-and-drop visual mapping interface designed specifically for complex hierarchical structures like EDI and extensible markup language (XML)

- Integrated validator to perform standard and custom validations

Transaction Builder

- One of the most powerful and intuitive EDI transaction builders on the market
- Enables building of complex, hierarchical EDI transactions using a visual, stepwise designer
- Instant preview enables viewing of data at every step to quickly correct any mapping errors
- Validates outgoing messages against partners' requirements
- Extracts data from a wide assortment of data sources and utilizes hundreds of built-in transformations and functions to map data to EDI formats

Validator

- Enables users to perform a wide array of standard and custom validations
- Integrated with data translator and transaction builder functions for validation of incoming and outgoing EDI transactions
- High-performance design features that enable efficient processing of large data volumes
- "Error as data" feature exposes validation errors as mappable objects, enabling creation of custom destinations
- Fine-grained control of validations for each partner
- Generates technical and functional acknowledgement of incoming files

Repository Manager

- Built-in repository of standard transaction sets
- An intuitive user interface for creation of custom transaction sets to meet every partner's requirements
- Defines custom validations

EDI Partner Manager

Defines EDI partner information, including:

- Transaction parsing and information building such as terminators and date/time formats
- Association of custom transaction sets
- Validation settings

Automation and Process Orchestration

- Defines simple and complex workflows using the workflow designer

- Defines process orchestration for incoming and outgoing EDI files

- Orchestration can be used to download or upload files, generate acknowledgements, invoke data maps, send emails, and much more

Job Scheduler

- Full-featured scheduler enables automation of EDI exchange at scheduled intervals
- These intervals can be hourly weekly, daily, and monthly, or more complex

Benefits of EDIConnect

- Reduced inventory costs
- Increased ROI
- Better use of human resources
- Benefits of EDI
- Improved operational efficiency
- Increased accuracy
- Enhanced visibility

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