



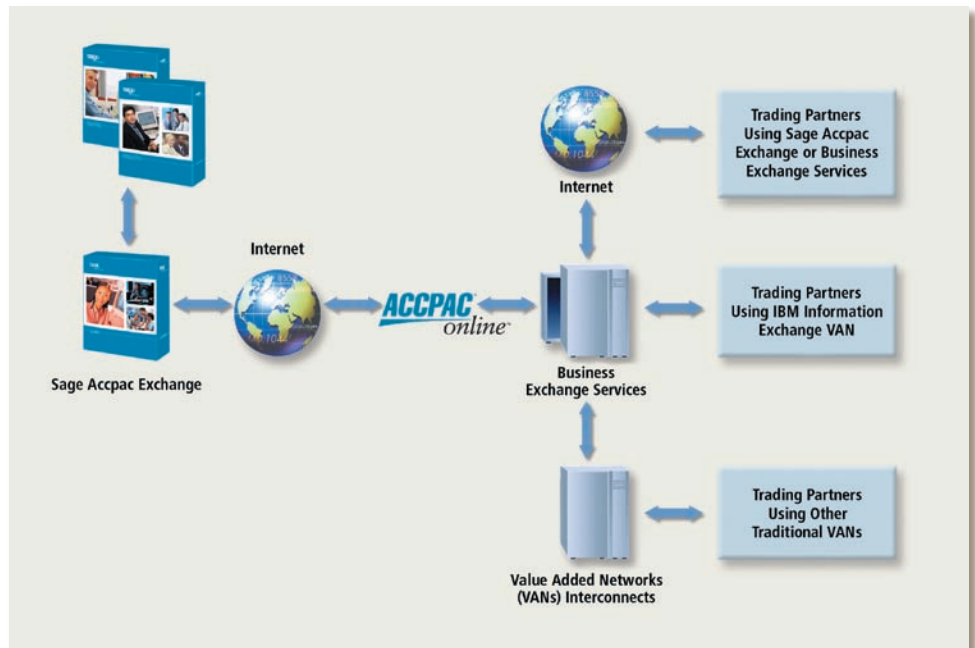
**SAGE ACCPAC SAGE PRO**

**Sage Accpac Exchange**

Sage Accpac Exchange (formerly ACCPAC Exchange) easily integrates back-office accounting, Internet trading, and the global electronic data interchange (EDI) network.

With Sage Accpac Exchange, you can:

- Reduce business transaction costs.
- Rapidly comply with customer and vendor EDI mandates.
- Leverage legacy EDI relationships with value added networks (VANs) while migrating to newer Internet standards.
- Eliminate duplicate data entry and reduce error rates associated with manual data entry.
- Provide timely order processing and reconciliation.
- Improve shipping and receiving accuracy.
- Enhance customer satisfaction with faster response times.
- Provide flexibility to comply with processes between buyers and suppliers by using a soft-coded solution.
- Integrate with Sage Accpac ERP and Sage Pro ERP (formerly ACCPAC Advantage Series and ACCPAC Pro Series).
- Offer enhanced data security and privacy through the use of accepted Internet security protocols.
- And much more!



*With Sage Accpac Exchange, you can exchange data securely over the Internet with other EDI users.*

**Reduce Trading Costs and Expand Business Opportunities**

Sage Accpac Exchange is an affordable EDI solution that utilizes the Internet, open standards, and EDI software to enable you to conduct business transactions with your trading partners on all major VANs, as well as with users of other Internet-based EDI services.

Featuring a wide range of deployment options, Sage Accpac Exchange offers enhanced benefits to companies that have already standardized on EDI, and opens up new opportunities to businesses that have found traditional VAN-based EDI cost-prohibitive.

Completely Internet-based, Sage Accpac Exchange provides immediate transmissions and better two-way communication than traditional EDI, allowing you to:

- Reduce business transaction costs.
- Comply with order processing and reconciliation.
- Reduce error rates associated with manual data entry.
- Speed collection times.
- Improve shipping and receiving accuracy.
- Enhance customer satisfaction.



# Sage Accpac and Sage Pro

## Sage Accpac Exchange

*"The benefits that accrue to our business—thanks to Sage Accpac Exchange—will continue to enhance our bottom line."*

Rowena Simon, controller  
Sunfresh Farms

### Secure EDI

Sage Accpac Exchange facilitates secure bi-directional electronic data interchange between you and your trading partners using structured document formats including XML and EDI files (ANSI and EDIFACT standards). In addition, Exchange provides non-repudiation, which means that all EDI data is sent with a digital signature, encrypted using dual-key security processing and date-time stamped. With non-repudiation, the receiving trading partner can be certain about the source of the transaction, thereby eliminating the risk of processing transactions from unauthorized trading partners. The digital certificate can be either obtained from external sources such as VeriSign or self-generated by Exchange communication software. Dual-key security processing involves signing of the EDI data using the sender's private key and encrypting it using the receiver's public key. The receiver then decrypts the EDI data using its private key and verifies the transaction using the sender's public key.

### Exchange Components

- **Sage Accpac Exchange Transaction Manager** – As the engine that drives the exchange of EDI data, the Transaction Manager contains configuration information and translation tables that facilitate the transfer of business information between accounting applications and EDI files. It ensures that documents are properly audited and written to the appropriate database, and that all transactions are represented in history. Transaction Manager can be used in batch- or real-time mode.
  - **EDI Translator** – For inbound EDI documents, the Translator receives the document from the communication software, verifies the integrity of the EDI file, identifies the EDI standard the document is wrapped in, unwraps the document, optionally sends out a functional acknowledgment (EDI document #997) to the trading partner, and sends the data file to the Mapper. For outbound EDI documents, the Translator receives the data file from the Mapper, wraps an EDI envelope around the data file, and sends the EDI document to the communication software.
  - **Mapper** – The Mapper provides an intelligent method for matching EDI documents to accounting application business documents, thus overcoming the inherent incompatibilities caused by proprietary data formats. The Mapper uses a map database that contains definitions, map files, and schemas that allow it to process documents in varied formats such as EDI or XML.

- **Application Adaptor** – The Application Adaptor is an application-specific component that governs interaction with the Sage Accpac or Sage Pro database, including database connectivity and type, table formats and field names.
- **Sage Accpac Exchange Service** – The Sage Accpac Exchange service replaces traditional VANs, providing a point-to-point secure connection for EDI communication over the Internet.
- **Communication Software** – Sage Accpac Exchange uses Cyclone Activator as its communication software. The communication software provides the means to receive and transmit EDI files securely over the Internet and provides AS1 and AS2 compliance.
- **Business Exchange Services** – Sage Accpac Exchange utilizes GXS (Global eXchange Services) as the gateway for all EDI communication. EDI documents are re-directed to the targeted trading partners either through the Internet, if the trading partner also subscribes to Internet-based EDI service, or through VAN Interconnects, if the trading partner uses the services of a traditional VAN.
- **Sage Accpac Exchange ASN** – ASN is software that meets the container-level requirements set by many trading partners who mandate an Advanced Ship Notice (EDI document #856) to be sent before receipt of goods.
- **Sage Accpac Exchange Maps** – Maps are customized trading partner-specific documents with compatibility to their EDI document standards.