

Power of Your SAP ERP Extended

Bridging the information gap between
you and your trading partners

POWERED BY
SAP NetWeaver[®]



EDI Advantage: Enabling Process Improvements Through EDI using SAP NetWeaver PI

ARTERIA

THE BEST-RUN BUSINESSES RUN SAP™



Agenda



- Arteria Technologies – An Introduction
- Business Challenges
- Solution Overview
- EDI & Profit
- Business Benefits
- Implementation Details and Scenarios

ARTERIA

Arteria Technologies

- An SAP Software Solution and Service Partner
- Solutions developed on SAP NetWeaver with SAP India's guidance. Tested and Certified by SAP Labs
- Best NetWeaver Integration Partner in 2007 for APJ

NetWeaver Expertise

- SoA Consulting
- SAP NetWeaver Process Integration
- SAP NetWeaver based B2B EDI Integration
- SAP NetWeaver BW, CE, EP, MI and MDM

Solution Extensions Expertise

- Interactive Forms by Adobe
- SAP Archiving and Document Access by Open Text
- Seeburger EDI Adaptors
- Test Data Migration Server
- SAP Incentive Administration by Vistex

Other Expertise

- SAP ABAP Custom & RICEFW Development
- SAP BASIS Services
- SAP Technical Upgrade and
- Post Go-Live technical support

Clientele



Industry, Business & IT Challenges



Industry Challenges

- Unnecessary re-capture of B2B transactional data (slow and error-prone) eg: Invoice and PO
- Employees spending time on B2B process transactions instead of developing and enhancing business
- Customers need you to be on the platform defined by them
- Connect to all sizes of Business Partners

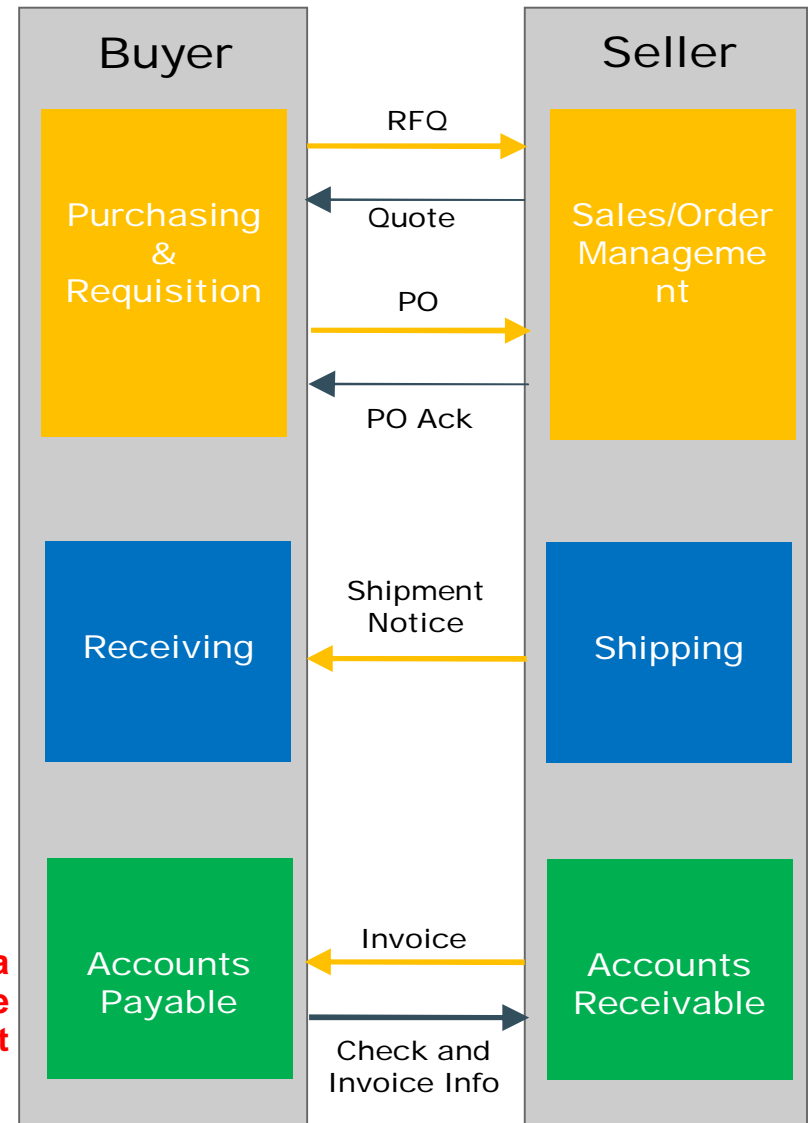
Business Challenges

- Common Framework for electronic business transaction with customers for improving supply chain efficiencies
- Supply chain inefficient due to in-accurate (error-prone), slow and repeated capturing of data
- Slow management reporting and manual reconciliation
- Deductions and credits for mistakes
- Hours spent in paper administration

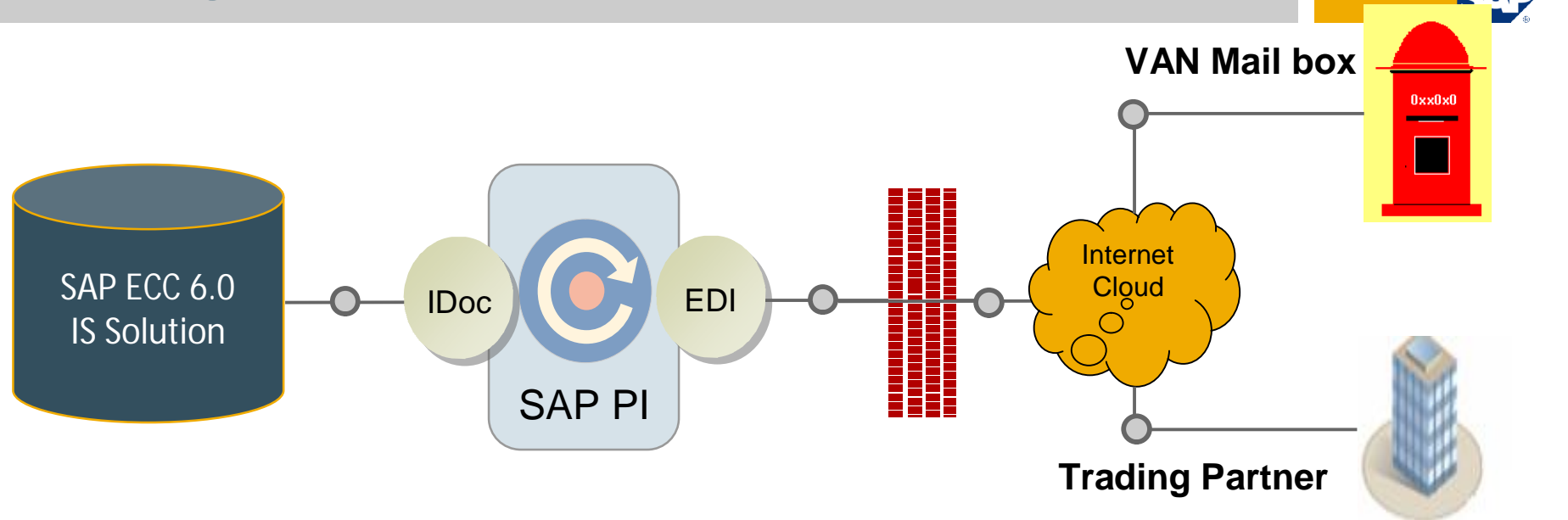
IT Challenges

- Using a standards based messaging framework
- Security and non-repudiation

AMR Research estimates that it costs \$175 to process a paper transaction and only \$15 to process the same transaction electronically, meaning EDI transactions cost less than 10% of the cost of paper transactions.



The Solution: EDI Advantage with SAP PI and Seeburger Adapter



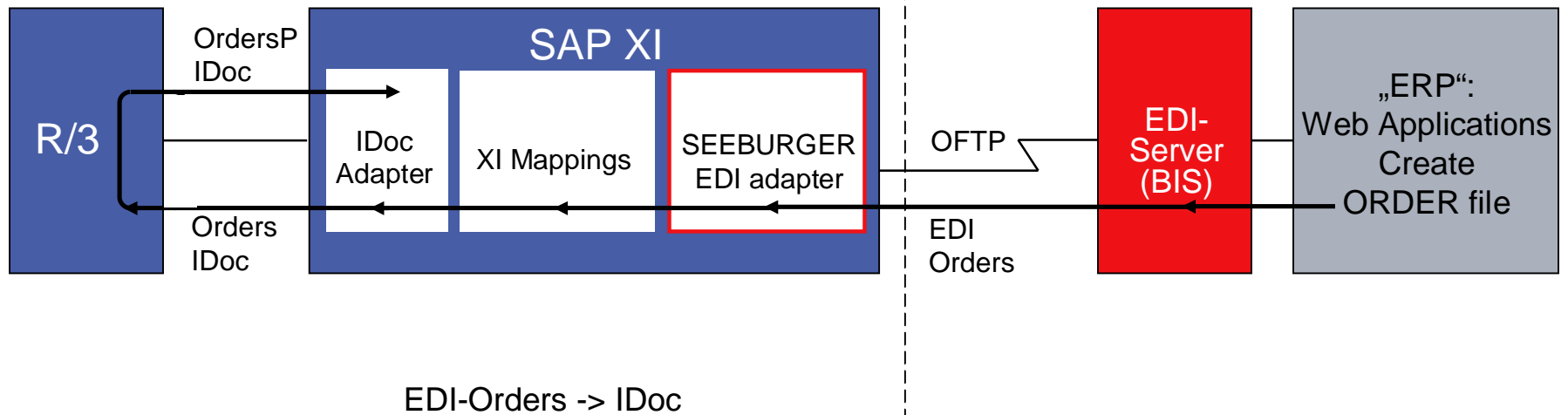
- ❑ The EDI adapter is used to receive messages from the customer's EDI server or VAN mailbox.
- ❑ The EDI adapter converts the message from EDI format to XML format. It is also responsible for acknowledgements.
- ❑ The XML message is then mapped to the SAP standard IDoc.
- ❑ The IDoc then creates/updates the relevant SAP document (Sales Order).
- ❑ The same process is followed when a EDI message is to be transmitted to the Business partner. In this case, SAP IDoc is converted to EDI message and transmitted by the EDI adapter.

EDI Advantage: Automated Order Creation example



Company A: SELLER

Company B: BUYER



EDI and PROFIT – Go hand in hand



Feature	Impact	Benefits
Shared forecasts	Inventory turns increase	Cut costs!
Transaction automation	Reduced labor	Cut costs!
Integration with systems	Fewer errors, rework, less paper	Cut costs!
Electronic payments	Better cash flow	Cut costs!
Shared sales and inventory data	Improved availability	Increase sales!
Integration and high speed data transfer	Access to quality information	Increase sales!
Transaction automation	People add value	Increase sales!

EDI Advantage: Business Benefits



- **Happier customers and suppliers:** Increase quality of the trading relationship
- **Improved cash flows:** Shortened AR cycles
- **Legal and finance compliance :** Transparency and traceability in transactions
- **Increased efficiency:** Reduced lead times and stockholding with EDI for planning and forecasting
- **Fast and Accurate:** Faster management reporting and automatic reconciliation
- **Reduced costs:** Reduction in deduction and credit for mistakes
- **Competitive advantage:** Preferred way of trading among top manufacturing and retail organizations

EDI Advantage: Implementation Scenarios



Implementation Details

- Easy to deploy (Rapid Go-Live) and Easy Enhancement
- Packaged solution with five scenarios
- Quick implementation – 6 to 8 weeks
- Save time and costs through pre-defined content using SAP NetWeaver Process Integration and EDI Adapter

Scenarios

- Customer transmits EDI 850 (Purchase Order)
- Customer transmits EDI 860 (Purchase Order Change)
- Supplier transmits EDI 856 (Advance Shipment Notice)
- Supplier transmits EDI 810 (Electronic Invoice)
- Customer transmits EDI 820 (Remittance Advice)
- Customer/Supplier transmits EDI 997 (Functional Acknowledgements for the above scenarios)

Thank you for your Attention!

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