B2B/SCM Monitor for SAP

Company-wide End-to-End-Monitoring in SAP
SEEBURGER B2B/SCM Monitor

The SEEBURGER supply chain management tool that provides transparency throughout the entire B2B supply chain.

- Secure
- Central Access
- Single Platform

Full Integration to SAP
Background

- Global networks cause new forms of communication in B2B every day
- Rising number of EDI messages with external partners
- SAP only provides monitoring functionality for single processes, which makes a centralized, proactive monitoring for over 1800 IDOC types impossible

This Leads To:

- Processing delays – worst case production outage
- Increased costs (expedited shipments etc.)
- Strained relationships with business partners
- Numerous individual ad hoc solutions for isolated problems

SEEBURGER’s innovative solution enables centralized monitoring and control of communication
Analysts confirm the key value of centralized business visibility for B2B processes inside the ERP*

<table>
<thead>
<tr>
<th>Pain point</th>
<th>Solution</th>
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<tr>
<td>79% of all respondents have a failure rate greater than 1% for B2B data</td>
<td>Save time and reduce costs through better traceability, increased data quality and centralized error handling</td>
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<td>40% of data feeding ERP systems is sourced/generated externally</td>
<td>Centralization of all information by process monitoring across system and company boundaries</td>
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<td>29% of respondents said that they had to prematurely terminate B2B testing programs relating to external trading partners</td>
<td>Increase flexibility by speeding up the testing phase for the introduction of new processes and partners</td>
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Increase efficiency & reduce costs

* Source: AMR Research
Pain-Point: Decentralized and complex business process monitoring with poor data quality

Initial situation

- Limited information available to departmental end users
- Difficult to obtain information when IT specialists are required.

Business user 1

Business user 2

IT-EDI expert

Business user 3

Transaction A

SAP data B

B2B Solution

- Reporting
- Alerting management

Report C
Pain-Point: Decentralized and complex business process monitoring with poor data quality

Only IT specialists are authorized to access various sources of information.

Only IT specialists can provide departmental end users with the information regarding technical B2B communication.
Pain-Point: Decentralized and complex business process monitoring with poor data quality

Departmental end-users require IT support for analysis and troubleshooting

The IT-EDI specialist becomes a bottleneck in the troubleshooting process

The result: unnecessary delays and potential loss of important information
Solution: Transparent views and direct access to all information for business users

- Provide departmental users access to external sources of information in SAP
- Easy access to all documents associated with end-to-end business processes and communication.
End-to-End-Monitoring in SAP across system boundaries

SEEBURGER Business Integration Suite

Integration Platform

- B2B / MFT / EDI
- Document Automation
  Paper, TIF, PDF, …
- Application Integration
  Web, SOA
- Event Management
  Sensors, Barcode, …

SEEBURGER Business Integration Server (BIS)

Your Company

SAP Solution Extensions

- Order-to-Cash
- Purchase-to-Pay
- B2B/SCM Monitor

Gateways

Customers
Suppliers
Shipping/Logistics
Cloud

End-to-End Monitoring
Transparency and Traceability for Business Users

B2B/SCM Monitor for SAP

- **Transparency**: Standardized display of heterogeneous content
- **Role concept**: extended role & authorization objects permit governance of data visibility
- **Acceleration**: Direct access to data and functions for trouble-free processing and display of follow-on-documents
- **Escalations management**: proactive notification of errors
- **Ready to Run**: fully integrated, preconfigured package for SAP
Compare / Contrast

Standard SAP + SCM Monitor
Comparison

SAP Standard

- Transactions IDOC Monitoring
- Transactions Outputs
- Transactions SD Module

B2B/SCM-Monitor

- /SEEAG/SCM IDOC Monitoring
- /SEEAG/SCM Outputs
- /SEEAG/SCM SD Transactions
SAP-Standard – IDOC Monitoring

Transactions

- WE02 - Display IDoc
- WE05 - IDoc Lists
- WE09 - Search for IDocs by Content
- BD87 - Status Monitor for ALE Messages
- BD84 - Post IDocs after ALE error
- WE19 - Test tool
- WE60 - Documentation for IDoc types

Display IDOC

Technical Monitoring of inbound and outbound IDOCs
SAP-Standard – IDOC Monitoring

Transactions

- WE02 - Display IDoc
- WE05 - IDoc Lists
- WE09 - Search for IDocs by Content
- BD87 - Status Monitor for ALE Messages
- BD84 - Post IDocs after ALE error
- WE19 - Test tool
- WE60 - Documentation for IDoc types

IDOC Lists

Technical Monitoring of inbound and outbound IDOCs
SAP-Standard – IDOC Monitoring

Transactions

- WE02 - Display IDoc
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Search for IDOCs by content

Monitoring of inbound and outbound IDOCs on Business Content
SAP-Standard – IDOC Monitoring

**Transactions**

- WE02 - Display IDoc
- WE05 - IDoc Lists
- WE09 - Search for IDocs by Content
- BD87 - Status Monitor for ALE Messages
- BD84 - Post IDocs after ALE error
- WE19 - Test tool
- WE60 - Documentation for IDoc types

**Status Monitor**

Monitoring of inbound and outbound IDOCs with status information and ability to restart processing.
SAP-Standard – IDOC Monitoring

Transactions

- WE02 - Display IDoc
- WE05 - IDoc Lists
- WE09 - Search for IDocs by Content
- BD87 - Status Monitor for ALE Messages
- BD84 - Post IDocs after ALE error
- WE19 - Test tool
- WE60 - Documentation for IDoc types

Test tool

Test tool to change IDOCs with Standard inbound and outbound processing
SAP-Standard – IDOC Monitoring

**Transactions**

- WE02 - Display IDoc
- WE05 - IDoc Lists
- WE09 - Search for IDocs by Content
- BD87 - Status Monitor for ALE Messages
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**IDOC Monitors**

- EMFOR – IDOC Monitor for Inbound FRC/JIT
- EMORD – IDOC Monitor for Inbound ORDERS
- EMJIT – IDOC Monitor for Inbound SEQJIT
- EMASN – IDOC Monitor for Inbound ASN

Process-related IDOC Monitors for incoming messages with Display of segment content and processing status
Agenda

**SAP Standard**
- Transactions IDOC Monitoring
- Transactions Outputs
- Transactions SD Module

**B2B/SCM-Monitor**
- /SEEAG/SCM IDOC Monitoring
- /SEEAG/SCM Outputs
- /SEEAG/SCM SD Transactions
B2B/SCM Monitor – IDOC Monitoring

- Message processing
- Message Control
- Segment Comparison

Display IDOCs

Document data, Status, etc.

Message list with business content
Agenda

**SAP Standard**
- Transactions IDOC Monitoring
- Transactions Outputs
- Transactions SD Module

**B2B/SCM-Monitor**
- /SEEAG/SCM IDOC Monitoring
- /SEEAG/SCM Outputs
- /SEEAG/SCM SD Transactions
SAP-Standard – Outputs

Transactions

- SP01 - Output Controller
- VT70 - Output for Shipments

Output Controller

3rd party addons
- /SEEAG/MENU - Transaction /SEEAG/MENU
- /SEEAG/DI_GTL_KLT - Print GTL or SLC with 2D-Barcode

Output or Display of Documents
Agenda

**SAP Standard**
- Transactions IDOC Monitoring
- Transactions Outputs
- Transactions SD Module

**B2B/SCM-Monitor**
- /SEEAG/SCM IDOC Monitoring
- /SEEAG/SCM Outputs
- /SEEAG/SCM SD Transactions
B2B/SCM Monitor – Outputs

- PDF view and output control

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- Attachement of documents
Agenda

**SAP Standard**
- Transactions IDOC Monitoring
- Transactions Outputs
- Transactions SD Module

**B2B/SCM-Monitor**
- /SEEAG/SCM IDOC Monitoring
- /SEEAG/SCM Outputs
- /SEEAG/SCM SD Transactions
SAP-Standard – SD Module (extract)

**Transactions**

- SD_EN
  - VD02 - Change Customer (Sales)
  - VA02 - Change Sales Order
  - VA32 - Change Scheduling Agreement
  - VL10E - Order Schedule Lines due for Deliv.
  - VL02N - Change Outbound Delivery
  - VL36 - Change Picking Waves
  - VT02N - Change Shipment
  - VF02 - Change Billing Document

**Change customer**

Control of logistic processes – Editing of master data
SAP-Standard – SD Module (extract)

**Transactions**

- SD_EN
  - VD02 - Change Customer (Sales)
  - VA02 - Change Sales Order
  - VA32 - Change Scheduling Agreement
  - VL10E - Order Schedule Lines due for Deliv.
  - VL02N - Change Outbound Delivery
  - VL36 - Change Picking Waves
  - VT02N - Change Shipment
  - VF02 - Change Billing Document

**Change Sales Order**

Control of logistic processes – Editing of delivery orders
SAP-Standard – SD Module (extract)

**Transactions**

- VD02 - Change Customer (Sales)
- VA02 - Change Sales Order
- VA32 - Change Scheduling Agreement
- VL10E - Order Schedule Lines due for Deliv.
- VL02N - Change Outbound Delivery
- VL36 - Change Picking Waves
- VT02N - Change Shipment
- VF02 - Change Billing Document

**Change Outbound Delivery**

Control of logistic processes – Editing of Deliveries (Packing / Batching)
SAP-Standard – SD Module (extract)

**Transactions**

- SD_EN
  - VD02 - Change Customer (Sales)
  - VA02 - Change Sales Order
  - VA32 - Change Scheduling Agreement
  - VL10E - Order Schedule Lines due for Deliv.
  - VL02N - Change Outbound Delivery
  - VL36 - Change Picking Waves
  - VT02N - Change Shipment
  - VF02 - Change Billing Document

**Change Shipment**

Control of logistic processes – Editing of shipments
(Define carrier / Planning / Completion / Creating messages)
Agenda

SAP Standard
- Transactions IDOC Monitoring
- Transactions Outputs
- Transactions SD Module

B2B/SCM-Monitor
- /SEEAG/SCM IDOC Monitoring
- /SEEAG/SCM Outputs
- /SEEAG/SCM SD Transactions
### B2B/SCM Monitor – Hotspots in SD Transactions

#### Hotspots in SD Transactions to change master data, and documents (e.g. VT02N – Change Shipment)

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**Processing**
- Shipment type: NLK
- Service Level: Load
- Container ID: HN-B-7651
- Shipment route: SDUK
- Shipment: 0009
- Transport: Bond/10 12345 London

**Status**
- Overall status: Shipment completion
- Tender status: Not offered to forwarding agent
Benefits

- Full B2B-Integration with all B2B Solutions from SEEBURGER

- Maximum traceability and transparency for the entire Supply Chain: Central automatic End-to-End-Monitoring for all processes across system boundaries

- Easy error analysis via intuitive interface for business users: Central access to all SAP documents, transactions, and functions
Benefits

- Reduce TCO – low project costs, seamless integration and no SAP industry solution required
- Increase customer satisfaction trough process acceleration: more efficient and fast response to error messages
- Avoidance of a bottleneck in the supply chain and special charges for complaints or error reports
Contact Information:  e.pearce@seeburger.com

or visit www.seeburger.com

Thank you for attending, and let us know if we can provide you with additional information.
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