SEEBURGER BIS (Business Integration Suite)

ONE Platform for B2B Integration and Managed File Transfer

www.seeburger.com
While your B2B integration system may not seem “broken,” it’s probably preventing you from improving the way you do business. It costs too much and takes too long to extend your business processes to partners; securely exchange data with them (both structured and unstructured data); and accommodate changes (such as on-boarding a new partner or complying with a new mandate from a big customer). Worse, your outdated B2B integration system may be encouraging people to implement rogue systems that bypass security standards, auditing standards, and integrated solutions.

Meanwhile, you’re under pressure to consolidate all your IT systems and bring them into the 21st century.

Now, you can streamline and simplify B2B integration.

The SEEBURGER Business Integration Suite (BIS) is a single, consolidated platform for B2B integration and Managed File Transfer (MFT), with a single transmission gateway and a single, unified monitoring portal. It automates and secures the exchange of information between your applications and your business partners – any business partner, regardless of size, location or level of technical proficiency.

BIS gives you full end-to-end visibility, transparency, policy-based management, monitoring, and governance of your secure data transmissions. All from a single, common graphical user interface. So, you have total operational control, radically simplified compliance, reduced risk, and lower costs.

Further, with a global, consolidated B2B integration system like SEEBURGER BIS, you can add new partners, new processes and even entire new businesses much faster and much more cost-effectively.

SEEBURGER BIS Advantages

- Single, consolidated platform, data transmission gateway and monitoring for B2B and MFT
- Handles both structured and unstructured data
- End-to-end monitoring, visibility, security and governance
- Unparalleled integration with SAP processes (Order-to-Cash, Purchase-to-Pay, B2B/Supply Chain Monitoring)
- Highly scalable
- 100% trading partner enablement
- Lowers TCO and simplifies administration
- Multiple deployment options
- Single-vendor accountability for B2B integration and MFT
Using SEEBURGER BIS, you can quickly and cost-effectively connect with:

- Any data format
- Any gateway
- Any transaction format (structured, unstructured)
- Any Industry standard
- Any communications protocol
- Any business partner – anywhere

SEEBURGER BIS lets you connect and automate every kind of data transmission and transaction, all in a single platform.

Because SEEBURGER BIS is a single, consolidated system built on an open, service-oriented architecture (SOA), it is:

- **Highly scalable:** You can use the same software for 1,000 orders a day or 1 million messages a day. Your software investment is protected as you grow.
- **Platform-independent:** You can integrate with other applications and manage future systems without the need to re-architect.
- **A global solution:** A single copy of the software supports multiple divisions, giving you massive business flexibility and protection (because everyone is using the same software) while reducing business cycles, errors and training costs.

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### Consolidated, Streamlined B2B Integration That You Won’t Outgrow

With SEEBURGER BIS, you can securely and easily extend your business processes from your ERP system to the very edge of your business network, with full visibility, control, governance and data loss prevention (DLP).

### What | For
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B2B | Business-to-Business | Transactions between businesses and across supply chains
EAI | Enterprise Application Integration | Application-to-application transmissions
EDI | Electronic Data Interchange | Structured data System-to-system transmissions
MFT | Managed File Transfer | System-to-system, system-to-human, and human-to-human transmissions of files (unstructured data)

SEEBURGER BIS can connect and automate every kind of data transmission and transaction, all in a single platform.
An Open, SOA-Based Architecture with Tightly Integrated Components

SEEBURGER BIS builds on its SOA architecture and visibility layer to provide everything you need for consolidated, streamlined and secure B2B communications.

The SEEBURGER BPEL Process Manager is a modular, graphical toolset that streamlines the creation and orchestration of business processes. The BPEL-based Process Manager runs a number of distributed integration services, including adapters, gateways, and components. It even accommodates and automates long-running business processes that require human intervention.

The SEEBURGER Process Designer offers an easy-to-use, visual toolset for creating, managing, automating and documenting business processes. Most common processes are already included. Using BPMN (Business Process Modeling Notation) tasks, process designers can define, model and simultaneously document business processes. Apache OpenOffice automatically documents each process step along the way.

The SEEBURGER Any-to-Any Business Integration Converter (BIC) is a powerful high-performance data translator on the structural, syntax, and semantic levels. To modify or create new mappings, SEEBURGER offers a graphical BIC Mapping Designer (BICMD), an any-to-any converter complete with its own test environment. A centralized mapping repository controls and manages mappings as they are moved from QA to production. BIC is one of many services that can be plugged into the distributed BIS platform, together with components for security, communication, and user interaction.

Single Platform for All Integration and Monitoring Needs
Target Monitoring enables you to set up targets and receive proactive alerts if an important event doesn’t happen – for example, if a bunch of regularly dispatched invoices doesn’t arrive on time. No more time-wasting searches.

Task Management lets you integrate human intervention into automated business processes, without disrupting their workflow. For example, you can automate BIS to forward certain inbound documents to a clerk to fill in missing information. This reduces errors and speeds up business cycles.

Entities Explorer enables business users to define the key relationships between their internal applications and the documents that they exchange with business partners. SEEBURGER-created plug-in adapters for 60+ communications protocols help you connect your applications easily to anything and anyone anywhere.

Our Message Tracking portal application provides end-to-end monitoring of all exchanges of information – both inbound and outbound.

How SEEBURGER BIS Extends Your Investment in SAP

SEEBURGER BIS offers tight integration with SAP NetWeaver® and important SAP processes, including Order-to-Cash, Purchase-to-Pay, and Supply Chain Monitoring.

For example: SEEBURGER Monitor for SAP is a BIS add-on that provides secure centralized monitoring and control of all supply chain transaction messages, on both the incoming and outgoing sides – all from within SAP. It provides centralized access to all SAP documents, transactions and functions, with an intuitive user interface for business and technical users. Running inside SAP, the monitor displays clear, dynamically structured data about each process in a single monitor that runs side-by-side with the typical SAP screen.

Your business users, IT technicians, and EDI specialists see real-time status information in an easy-to-understand format, for easier collaboration, faster action, and speedier problem resolution.
Modernization for Today and Far into the Future

SEEBUGER BIS uses J2EE application server technology for operating system autonomy, providing flexibility in managing any implemented service or process. For instance, BIS communication, conversion and integration adapters can be deployed in either a centralized or decentralized environment. Each adapter is registered on the application server and can be controlled or managed from the BIS Web front-end cockpit view. These “worker nodes” support the central instance but also function autonomously.

As you look for more collaborative processes to meet changing business requirements, the SEEBUGER BPEL process engine will be your ally with comprehensive XML and Web Services support. The engine will help you orchestrate the flow of XML and non-XML messaging (attachments). Via an easy-to-use common user interface, users can modify existing business processes, providing Web-based access in internal and external applications. Our Web Service offering includes patterns for routing, publish/subscribe, and correlation to support short-lived request/response processes as well as long-lived running processes.

SEEBUGER BIS has a Web Service interface compatible with standard and user-defined Web Service interfaces – making it ideally suited for composite applications with external BIS functioning as either a client or a server.

A Move-to-Production functionality automates the migration of setups across environments, including test, Quality Assurance (QA) and production. This eliminates the need for manual rekeying, saving significant time and avoiding manual data entry errors. It also speeds implementation time.

Quality, Security and Dependability from SEEBUGER

SEEBUGER BIS is the only communications gateway capable of securely transmitting, transforming, integrating and tracking all structured and unstructured B2B communications from a single interface.

You can rely on SEEBUGER. For more than 25 years, we’ve been providing customers worldwide with business integration and secure managed file transfer solutions that streamline their business processes, reduce operational costs, facilitate governance and compliance, and provide visibility to the farthest edges of the supply chain to maximize ERP effectiveness and drive new efficiencies.

All solutions are delivered on a unified, 100% SEEBUGER-engineered platform that lowers the total cost of ownership and reduces implementation time. Industry analysts rank SEEBUGER among the top business integration providers, and we serve more than 9,000 customers in more than 50 countries and 15 industries.

For more information about SEEBUGER BIS, please see:

www.seeburger.com/business-integration-suite
SEEBURGER BIS Technical Specs

Operating Systems
AIX 6.1, 7.1 (POWER 6,7)
Linux (SLES RHEL x86, x86_64)
Solaris 10 (x64, SPARC, T1)
Windows x86 (32-bit), x64 (64-bit)

Architecture/Technology
100% Java and J2EE modules
Internal communication via JMS, RMI, and HTTP
Modular architecture and flexible distribution (via Java VMs)
Process control via the BPEL Engine
Transformations through SEEBURGER’S BIC, Xpath, and BPEL Assign
Process Features: Workflows, sub-workflows, loops, try/catch, typed variables (XML Schema), correlations, and scripting
Internal Messaging through Web Service Calls
ESB Features: JMS with content-based routing, event-driven architecture, and service orchestration
Service/Communication: Sync/Async, reliable/best effort
Monitoring: JMX, SNMP, Web Service, and Logs
Free definable TPM with extendable forms, rules, and end points (XML schema and XML forms)
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