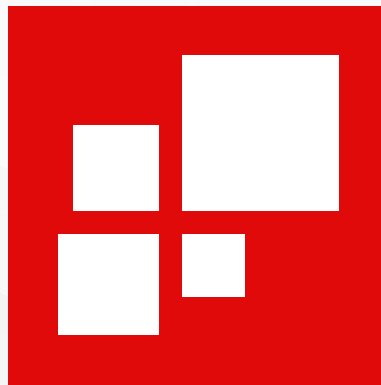Brochure | SEEBURGER Business Integration Suite

Reimagining Integration for the Real World:
The **SEEBURGER BIS Platform**

Executive Summary

Integration is no longer a technical afterthought. It has become a strategic capability for digital business: enabling agility, automation, and innovation across increasingly fragmented ecosystems. Yet many integration tools haven't kept pace. They were built for a world of on-premises systems, central IT ownership, and custom code, not for today's hybrid, cloud-first, AI-augmented realities. Complex and not intuitive for non-technical users, they gatekeep integration from business teams – meaning already stretched IT teams become a bottleneck to fast, innovation-driven integration.

SEEBURGER has evolved the Business Integration Suite (BIS) to meet these challenges head-on. The BIS Platform offers the same trusted foundation with new flexibility, accessibility, and intelligence – without replatforming or disruption.

Whether you run the BIS platform in the cloud, on your own infrastructure or in hybrid environments, you benefit from one consistent platform architecture that simplifies complexity, accelerates delivery, and supports both business and IT needs.

Whether you're an existing BIS customer or just beginning your integration journey,
BIS meets you where you are and grows with you from there.

This paper explores how the BIS Platform – delivered through **BIS Hub**, **BIS Server**, and **Accelerator Services** – helps enterprises:

+ Connect applications, partners, and data flows securely and at scale

+ Empower both business users and IT with shared tools and governance

+ Use AI to accelerate design, mapping, and optimization without black-box risks

+ Operate in the cloud, on-premises, or both, without replatforming

+ Deliver value faster, with fewer handoffs and more visibility

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Why integration needs to change

Today's enterprise architecture is dynamic, not static. Sprawling technology stacks, SaaS ecosystems, APIs, cloud services, and partner platforms are constantly evolving. Data moves across teams and technologies at high speed. Meanwhile, IT teams face growing pressure to deliver more with less, while business units seek autonomy and speed.

Traditional integration approaches aren't built for this. They assume centralized control, long delivery cycles, and highly customized environments.

This gap creates familiar pain points:

IT teams are overstretched, and business users lack self-service tools to automate without support

Data remains siloed, disrupting process automation and AI initiatives

Compliance becomes more complex across distributed environments

Integration becomes a bottleneck, slowing innovation instead of enabling it

What's needed is a modern integration approach that's faster, more flexible, and inclusive – without compromising governance or security. That's exactly what the BIS Platform was designed for.

The BIS Platform: One core, flexible by design

The SEEBURGER BIS Platform now offers a more modular architecture that supports integration at scale without adding complexity. Combining robust connectivity and orchestration with unified governance and security, it adapts to how your business and IT teams work, not the other way around.

BIS gives you:

BIS Hub

A fully-managed, cloud-native integration workspace with low-code tooling, AI-supported design, and prebuilt assets. We run this for you, in our multi-cloud environment.

BIS Server

An enterprise-scale self-managed deployment option for maximum control, customization and compliance. Run it anywhere, on-premises or in any cloud of your choice.

BIS Accelerator Services

Expert-driven services, tools, templates, and AI-based assistants that help you move faster, reduce complexity, and scale with confidence.

You can deploy the BIS Platform as a fully managed, cloud-native service with BIS Hub, or operate it yourself in any environment with BIS Server: on-premises, in a private cloud, or on hyperscalers like AWS or Azure. Both models share the same platform core, the same design-time tools, and access to the Integration Asset Catalog.

To accelerate delivery, simplify operations, and scale with control, organizations can extend either deployment with BIS Accelerator Services – a suite of optional tools, templates, and expert-led capabilities designed to drive success at every stage.

In a nutshell

+ **Automate** quote-to-cash across Salesforce, SAP S/4HANA, and billing platforms

+ **Integrate** partner onboarding via preconfigured profiles and API-based provisioning

+ **Connect** and orchestrate multi-channel EDI, SaaS procurement platforms, and secure MFT flows

+ **Enable** low-code integration of CRM, HR and collaboration tools like Workday, SuccessFactors, or Microsoft Teams

+ **Deliver** AI-ready data orchestration from cloud apps into machine learning pipelines

+ **Synchronize** data across marketing automation, customer success and subscription billing tools

+ **Automate** supplier workflows between Coupa, ServiceNow, and your ERP

Build scalable flows for e-invoicing, compliance, and archiving in SaaS-first environments

BIS Hub: Cloud-native, AI-assisted, ready to scale

BIS Hub is the managed deployment model of the BIS Platform, operated by SEEBURGER in our multi-cloud environment or on leading hyperscalers like AWS. It's designed for organizations that want to move fast, without the friction of managing infrastructure or runtime operations.

At the core of BIS Hub is a modern, low-code integration workspace that combines visual design tools, prebuilt connectors, and intelligent assistance to help teams build faster, govern better, and collaborate across business and IT. Users can transform data through an intuitive, web-based mapper that applies AI-supported guidance to accelerate and standardize mappings. Built-in optimization tools streamline setup, improve consistency, and support ongoing improvement over time.

The Integration Asset Catalog provides a shared library of reusable content – including mappings, partner profiles, templates, and more – so teams can build on proven logic, reduce duplication, and maintain consistency across projects. With BIS Hub, assets are created once and reused across workflows, departments, or even subsidiaries.

Behind the scenes, BIS Hub runs on a secure, scalable cloud infrastructure. Platform updates, patches, and AI-driven performance improvements are handled automatically, ensuring that your integrations remain robust, compliant, and up to date without operational overhead.

With BIS Hub, teams gain access to the full BIS design-time experience in a fully managed environment. Whether deployed as an iPaaS, with managed services, or in hybrid scenarios, BIS Hub adapts to your architecture and scales with your needs.

Why customers choose BIS Hub:

+ **Fast time-to-value:**
  deploy in days, not months

+ **No infrastructure burden:**
  SEEBURGER handles hosting, patching, and updates

+ **Empowered users:**
  business teams build independently,
  while IT maintains oversight

+ **Shared assets:**
  the Integration Asset Catalog accelerates delivery
  and enforces consistency

+ **Scalable by design:**
  grow without infrastructure constraints

BIS Hub makes integration accessible, governed, and scalable –
across teams, tools, and geographies.

Profit from:

+ **AI-Enhanced Integration Design:**
  low-code workspace with intelligent assistance

+ **Fast integration with the Integration Asset Catalog:**
  pre-built connectors and templates

+ **Simplified data mapping:**
  visual, web-based transformation

+ **AI-driven optimization:**
  streamlined setup and continuous improvement

+ **Secure, scalable cloud:**
  compliant platform in SEEBURGER cloud

+ **Deployment flexibility:**
  iPaaS, managed services, or on-premises options

+ **Automated platform updates:**
  Benefit from the latest security, performance,
  and other updates, ensuring your integrations are
  robust and protected effortlessly

BIS Server: Control and customization Without Compromise

Not every organization can or should go cloud-first. For companies with strict compliance needs, highly customized environments, or strong internal DevOps capabilities, BIS Server delivers the full power of the BIS Platform – under your control.

BIS Server is the self-managed deployment option, built for enterprise-scale integration in regulated or complex IT landscapes. It supports modern DevOps practices, enables fine-grained governance, and gives IT full ownership of operations, architecture, and lifecycle management.

Built on a cloud-native foundation, BIS Server supports Kubernetes-based deployment across AWS, GCP, Azure, private clouds or on-premises infrastructure. Intelligent routing, container-based scalability, and automated CI/CD pipelines are all part of the standard toolbox, enabling agile, resilient delivery even in highly customized environments.

Security and compliance are built in. BIS Server is CVE-compatible, ISO 27001-ready, and supports full auditability for GDPR and other regulatory frameworks. Monitoring and observability tools give IT teams deep visibility into applications, processes, and data flows, with the option to integrate with existing toolchains.

Profit from:

+ Cloud-native deployment:
seamless across AWS, GCP, and Azure

+ Scalable microservices:
Kubernetes-powered, intelligent routing

+ Automated deployment:
CI/CD, code-based, blue/green & canary

+ Secure and reliable:
CVE-compatible, stateless

+ Advanced monitoring:
enhanced application and process visibility

+ Stay compliant
with GDPR, ISO 27001, and more

Just like BIS Hub, BIS Server includes access to the Integrator Workspace, the web-based BIS Mapper, and the shared Integration Asset Catalog; ensuring consistency across deployment models. Whether teams operate in isolation or as part of a hybrid landscape, they benefit from the same design-time experience, asset reuse, and governance structure.

Why companies choose BIS Server:

+ Infrastructure independence with full operational control

+ Compliance with data residency and regulatory requirements

+ Advanced governance and change management options

+ Seamless coexistence with cloud-based workflows

+ Advanced development options with BIS Developer Studio and CI/CD

+ Modern DevOps capabilities with Kubernetes and container orchestration

BIS Server gives you full control – with none of the trade-offs.

Key tools for modern integration

Integrator Workspace

The Integrator Workspace is the unified cockpit where users design, deploy, and manage integration processes and data flows. With full versioning, role-based access control, collaboration features, and AI assistance, it streamlines teamwork across business and IT while ensuring governance at every step.

Web-based Data Mapper

This browser-based tool enables users to design data transformations visually, intuitively, and with AI-supported guidance. BIS Mapper reduces manual effort increases consistency by suggesting logic based on metadata, historical patterns, and prior mappings.

Integration Asset Catalog

The Integration Asset Catalog is your library of reusable integration assets, including prebuilt connectors, partner profiles, transformation logic, and templates. It drives scalability, consistency, and speed by turning proven work into repeatable, future-ready assets.

Accelerator Services: Expertise that moves you forward

Integration success doesn't just depend on tools: it requires the right strategy, governance, and execution. That's where BIS Accelerator Services come in. They provide expert-led support and modular capabilities that help organizations deliver faster, operate smarter, and scale sustainably.

Accelerator Services are available for both BIS Hub and BIS Server, and can be tailored to your specific needs. Whether you're onboarding new partners, migrating complex mappings, or optimizing hybrid landscapes, these services extend the value of your platform investment.

Services range from operational support and advisory consulting to hands-on enablement for business and IT teams. You gain access to specialized mapping services, application and infrastructure monitoring, and around-the-clock support when needed. Industry-specific accelerators – from SaaS-to-SaaS and B2B/EDI to API orchestration and MFT – help you move quickly and stay compliant, even in complex environments.

The goal isn't just to support individual projects, but to enable long-term integration excellence: with fewer delays, fewer surprises, and more value at every stage.

BIS Accelerator Services can include:

+ **Full-service** operations and incident handling

+ **Application management services:** monitoring, incidents, patching

+ **Business and IT training and onboarding**

+ **AI-supported** performance optimization and anomaly detection

+ **Advisory and hybrid planning** to bridge BIS Hub and Server over time

+ **24/7 emergency** assistance and EDI helpdesk

+ **Specialized mapping** and transformation support

+ **Hybrid deployment** planning and coexistence advisory

Whether you're launching BIS Hub, extending BIS Server, or building hybrid strategies: Accelerator Services give you the support and expertise to move at speed.

Orchestrate AI and get assistance when needed

AI is changing how integration is designed, optimized, and maintained, but only when it's implemented with clarity and control. That's why BIS takes a human-centered approach to AI: assistive, explainable, and built to support, not replace, expertise.

Unify your data for AI success

Effective AI starts with quality data. BIS unifies your integration landscape into a single, virtual layer that brings together structured and unstructured sources. This not only simplifies connectivity, but also creates a consistent foundation for training, operating, and maintaining AI models.

Automate the pipeline, not the decision

BIS automates the flow of data into AI pipelines: handling transformation, cleaning, and delivery. This ensures that data is accurate, traceable, and ready for real-time or design-time intelligence. Governance and auditability remain intact, even as the speed of integration increases.

Embed AI at design time, not at runtime

BIS integrates AI where it matters most: into the tools and processes used to design and optimize integrations. This includes AI-supported mapping, configuration assistance, and automated code suggestions, all under the control of the user.

Our AI assistants work inside BIS, offering:

+ **Configuration assistant**
  AI-driven task setup for faster, error-free configurations

+ **AI code generator**
  Automatically generates tailored JavaScript code, accelerating development

+ **Integration Assets Assistant**
  Streamlines the creation of new assets for your catalog

+ **Agentic AI Support**
  Support for agent-based scenarios

+ **BIS Mapping Designer**
  Leveraging AI to boost your productivity

What sets BIS apart is its focus on design-time intelligence. There are no black boxes, no autonomous decision-making in production. Every AI-supported step is visible, verifiable, and built for governed environments.

With BIS, AI becomes a productivity partner: enhancing the work of your teams while preserving trust, transparency, and compliance.

Built for your team, your landscape, your future

Integration isn't one-sized-fits-all. Whether you run BIS in the cloud or on-premises, automate SaaS flows or power complex ERP integrations, the BIS Platform adapts to your needs.

For IT leaders

+ Maintain full control or shift to managed operations: your choice

+ Centralize design and governance across deployment models

+ Scale securely with built-in compliance and observability

For business teams

+ Use intuitive, low-code tools to build integrations independently

+ Accelerate digital workflows without waiting on IT

+ Stay aligned through shared assets and centralized oversight

For decision-makers

+ Launch fast, scale strategically

+ Choose the operational model that fits your strategy

+ Avoid replatforming while gaining access to next-generation capabilities

For existing BIS customers: Evolve, don't rebuild

Already running SEEBURGER BIS? You're on the right path. The BIS Platform builds on your existing investments – no replatforming required.

01
Continue running **BIS Server** as your integration backbone

02
Adopt **BIS Hub** for new cloud-native or business-driven scenarios

03
Use the same **Integrator Workspace**, **BIS Mapper**, and **Integration Asset Catalog** across both environments

04
Extend your capabilities with **Accelerator Services**, for optimization, onboarding, or hybrid deployment

SEEBURGER supports both models in parallel, giving you the flexibility to evolve at your own pace, with one architecture, one experience, and shared governance throughout your integration landscape.

Integration without trade-offs

You shouldn't have to choose between speed and control, or between flexibility and governance. With the SEEBURGER BIS Platform, you don't.

BIS gives you one consistent platform for all your integration needs: scalable, secure, AI-assisted, and built for modern business. Whether deployed as a managed cloud service, run on your own infrastructure, or operating in hybrid mode, BIS adapts to your strategy and grows with you.

SEEBURGER BIS delivers:

Orchestration and workflow automation:
- Easy to use visual workflow design for creating integration flows
- AI supported orchestration design
- Support for complex orchestration patterns (sequential, parallel, conditional)
- Event-driven architecture to trigger orchestrations based on specific events

Data integration:
- Support for various data formats
- ETL (Extract, Transform, Load) capabilities for data processing
- Easy data mapping and transformation tools with AI assistance

API management:
- Comprehensive API lifecycle management (design, publish, monitor, and retire APIs)
- Support for RESTful and SOAP APIs
- API versioning and documentation
- Rate limiting and throttling to manage API usage

Support for various integration patterns:
- SaaS integration and API-based integration for modern application connectivity
- Cloud integration
- EDI/B2B integration for partner and supplier connectivity
- Managed File Transfer (MFT) for secure file exchanges
- eInvoicing and other industry-specific integration scenarios

Connectivity:
- Pre-built connectors and APIs for popular services like AWS, Azure, Google Cloud, Salesforce and more
- Support for on-premises systems and legacy applications
- Hybrid integration capabilities to connect cloud and on-premises environments

Monitoring and analytics:
- Real-time monitoring and alerting for integration processes
- Detailed analytics and reporting on data flows
- Dashboards for visualizing performance metrics and KPIs

DevOps and CI/CD integration:
- Integration with CI/CD pipelines for automated deployment
- Version control and rollback capabilities
- Support for containerization and orchestration (Docker, Kubernetes)

User management and access control:
- Role-based access control (RBAC) for managing user permissions
- Multi-tenant architecture to support multiple clients or departments
- Audit logs for tracking user activities and changes

Scalability:
- Ability to scale horizontally and vertically to handle varying loads and data volumes based on a (micro) service-centric architecture
- Auto-scaling to dynamically adjust resources based on demand to scale up or down

Security:
- Data encryption at rest and in transit
- Compliance with industry standards and regulations
- Advanced authentication and authorization mechanisms (OAuth, SAML, JWT)

Documentation and support:
- Comprehensive online documentation and tutorials
- Community forums and support channels
- Training and certification programs for customers and partners

Conclusion: One platform. No trade-offs.

The SEEBURGER BIS Platform offers a unified foundation for modern integration: one that meets the needs of IT, supports business teams, and adapts to your operating model. From low-code orchestration and AI-assisted design to API management, data transformation, and hybrid deployment, BIS combines technical depth with strategic flexibility.

Whether you're building for speed, scale, or compliance, BIS enables you to move faster without adding risk or complexity and to evolve without disruption.

Ready to take the next step?Let's talk about how BIS can power your integration strategy.

> Contact us

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