



White Paper | SEEBURGER Automotive Solution

10 Features You Need in an Integration Platform for Driving Innovation Across the Automotive Value Chain

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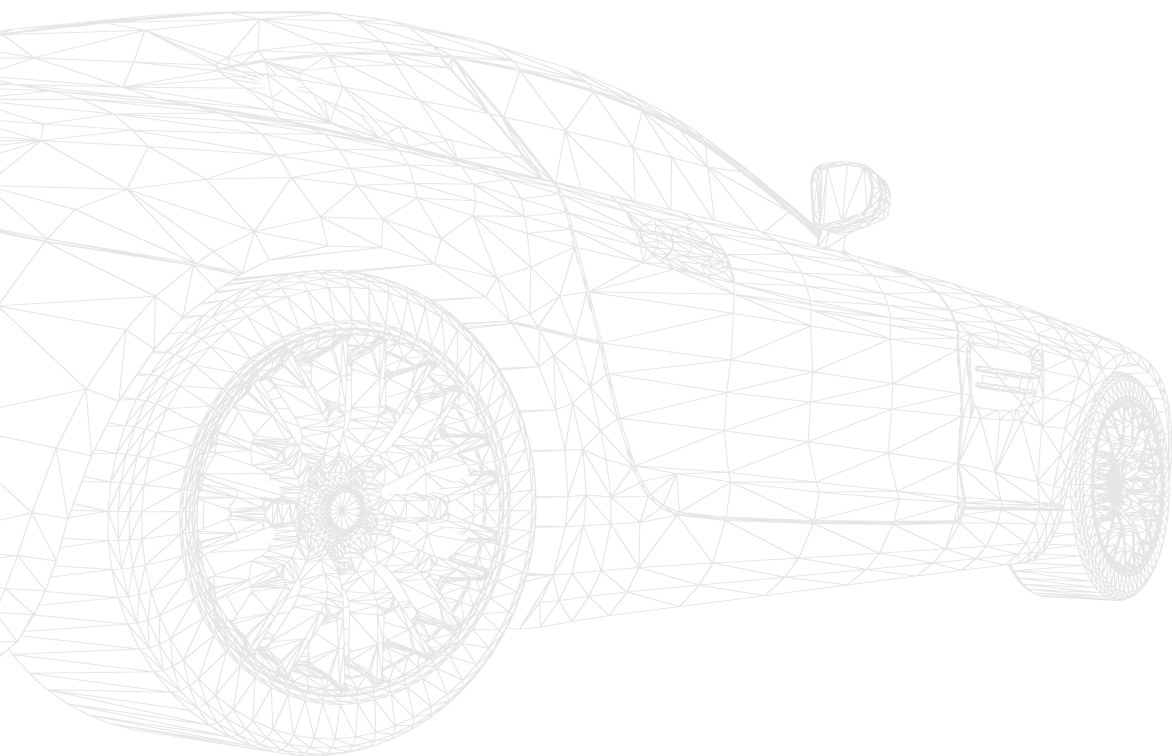
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Thousands of automotive companies rely on the SEEBURGER Business Integration Suite (BIS) Platform

More than 4,000 automotive companies trust SEEBURGER for complete transparency in their supply chains – and that number is growing weekly. With so much impacting the automotive industry, from shifting consumer expectations and supply chain disruptions to emerging technologies, transparency is critical for avoiding production breaks. Companies and stakeholders within the automotive ecosystem are prioritizing integration and innovation to achieve supply chain transparency in order to stay competitive and maintain market share.

Whether you are an OEM, supplier, aftermarket vendor, parts manufacturer or logistics provider, integration is the key to achieving reliable, flexible and efficient delivery of quality automotive products and services. Integration ensures that the right data is in the right place at the right time to keep the automotive value chain moving.

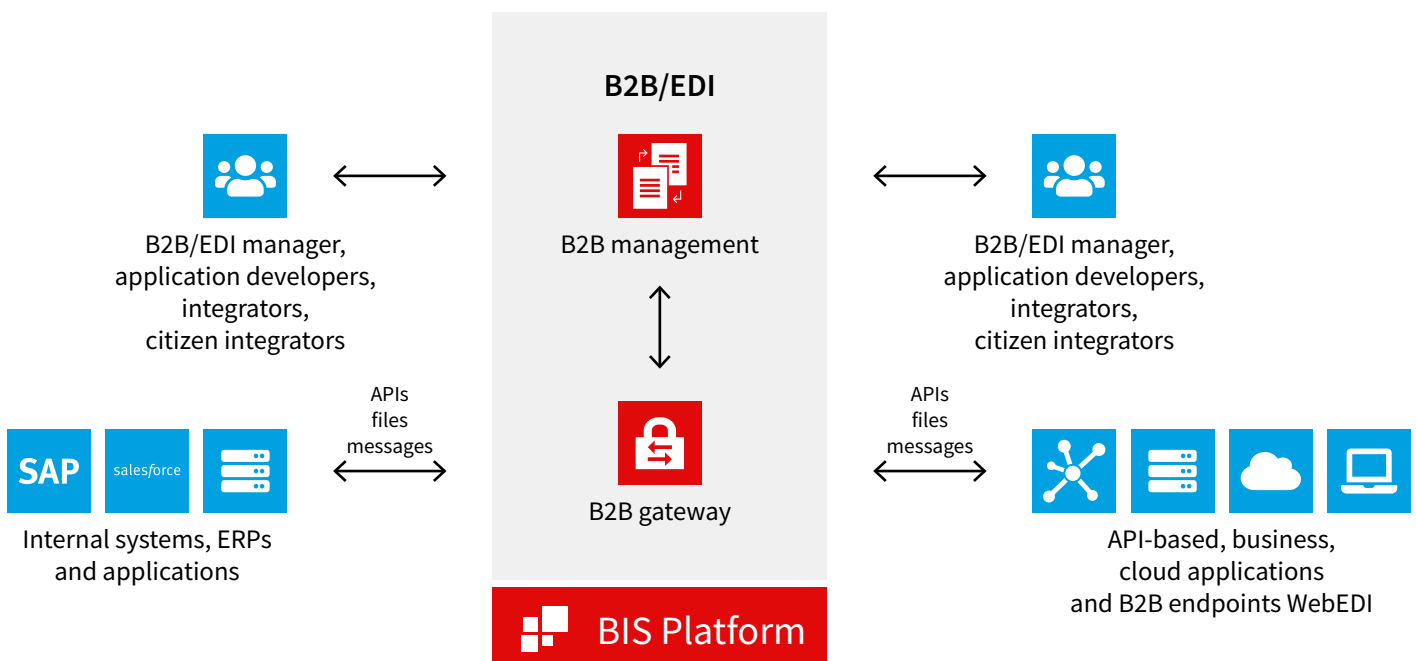
Since its founding in 1986, SEEBURGER has been supporting the automotive industry with integration solutions and supply chain expertise. The BIS Platform helps the automotive industry integrate and digitalize their supply chains for effective and sustainable smart manufacturing collaboration with OEMs and suppliers.

SEEBURGER brings substantial expertise to the integration and standardization of automotive industry processes and shares this experience as a technology partner of Odette International.



Create sustainable customer relationships:

- + Quickly onboard trading partners and new suppliers in a matter of days
- + Integrate APIs with EDI processes to extract and deliver information in real time
- + Comply with automotive industry standards and OEM requirements
- + Accelerate processes with more than 20,000 mappings and partner connections, pre-built content and self services
- + Deploy BIS as an iPaaS or with fully managed services in any cloud, in a hybrid environment or on-premises



The BIS Platform is the only integration platform that supports the largest automotive network in the Americas, Europe and Asia with:



- + Real-time visibility into inventories and invoices



- + Fast partner onboarding for operational efficiency and regulatory compliance



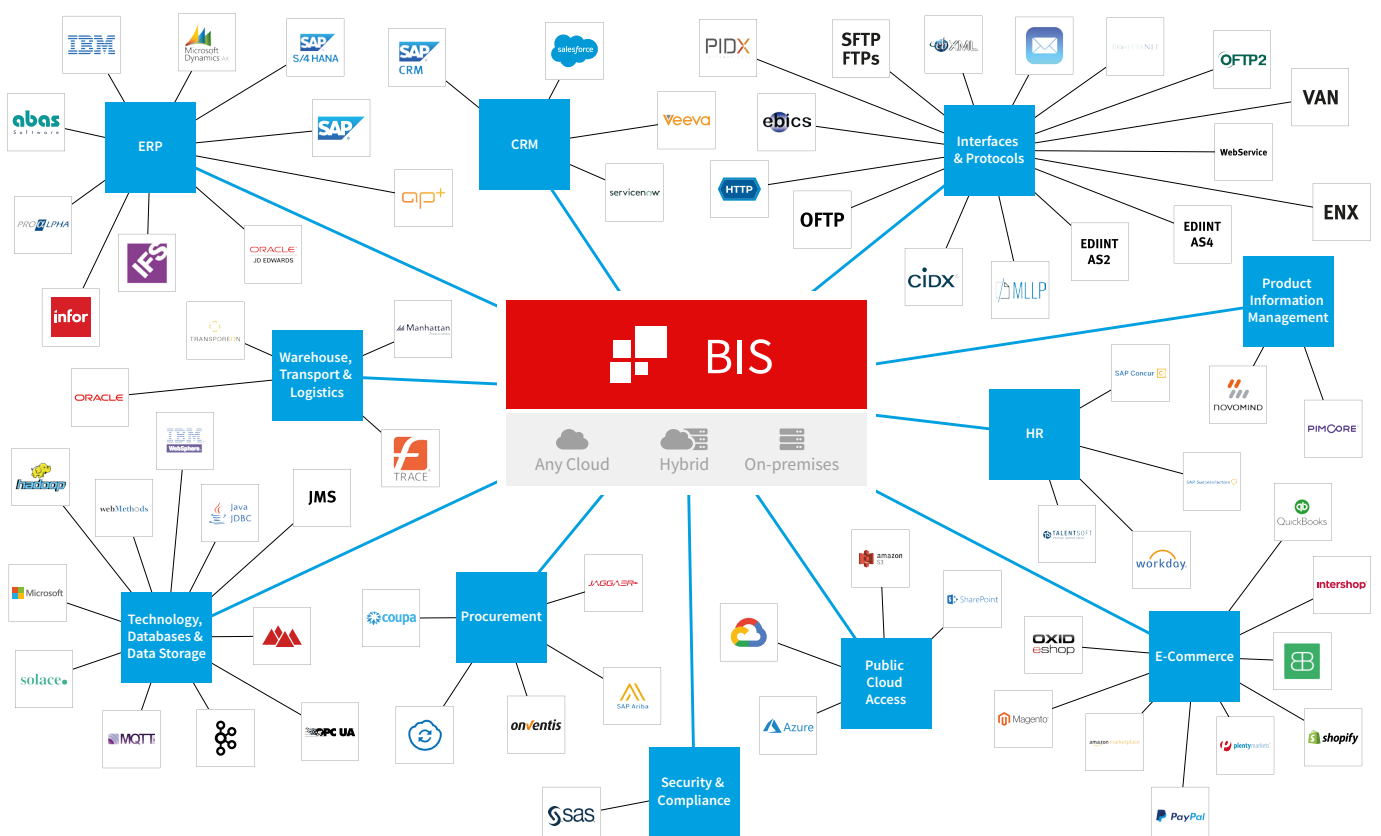
- + Secure connectivity and data exchange between clouds, applications and people



- + ERP integration with all major vendors, including SAP ECC, SAP S/4HANA, Oracle Fusion Cloud, Oracle E-Business Suite, Microsoft Dynamics 365, Workday, Infor, QAD, Abas, IFS, APplus, proALPHA, Sage b7, PSIpenta, Oxaion

Connect with OEMs, suppliers, manufacturers and logistics partners

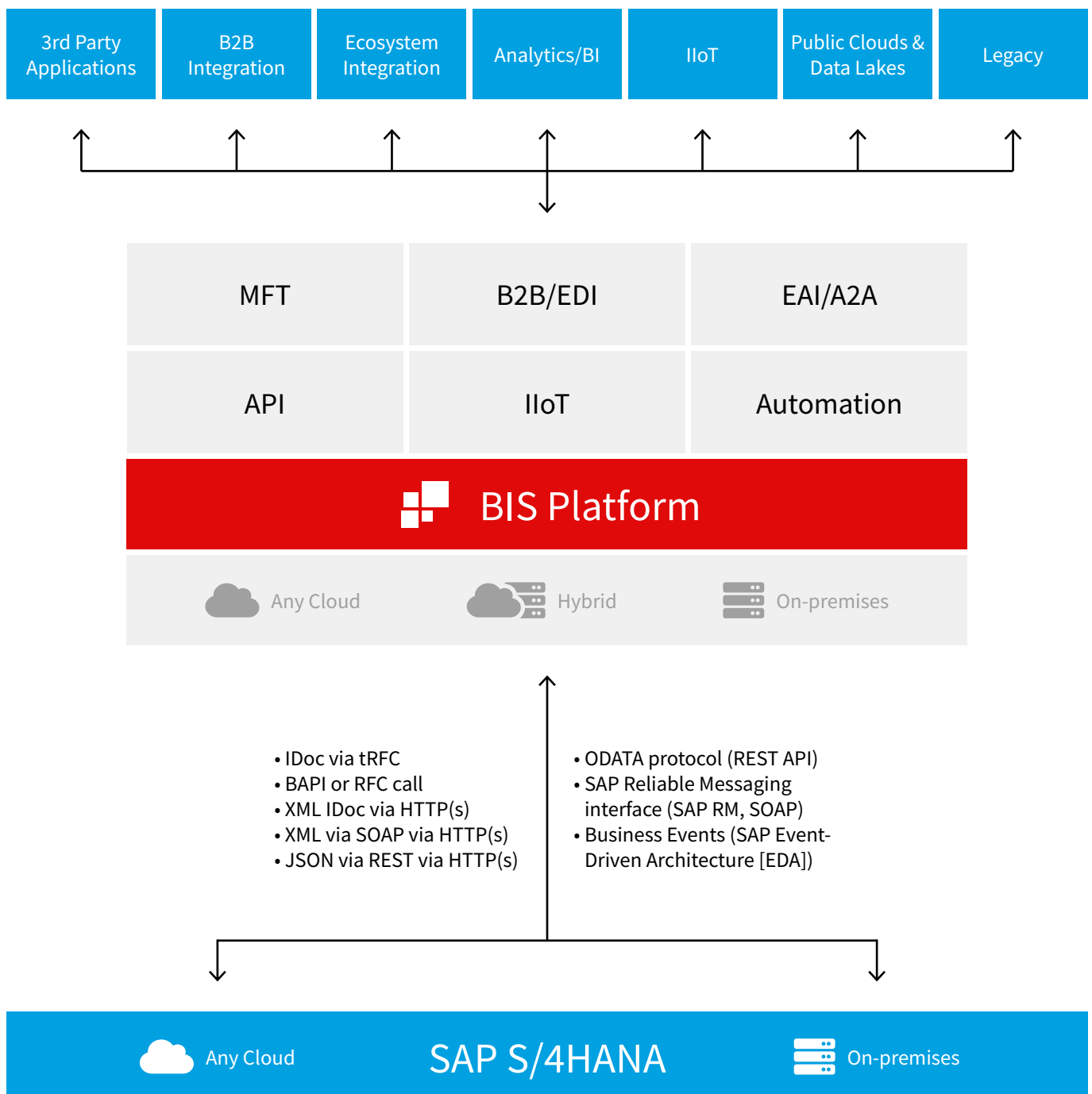
SEEBURGER Connectors enable you to easily integrate and securely connect to any business application, technology, interface and device – in any cloud, in a hybrid environment or on-premises.



Integration for SAP ERP systems and applications

As a Silver Partner with SAP, BIS Platform capabilities and services have been SAP-certified since 1995 with more than 50 individual certifications.




Benefit from all the possibilities of the BIS Platform and our SAP expertise to seamlessly connect to all SAP systems, including SAP ECC, SAP GTS and SAP S/4 HANA. BIS also offers SAP-certified add-ons that allow you to extend your integrations deeply into SAP applications. The API readiness of SEEBURGER's automotive industry solutions supports the S/4HANA ODATA functionality and enables use cases like real-time EDI via APIs.



Discover the SEEBURGER Deployment and Service Models

The BIS Platform supports secure, rapid scalability and industry data standards with dynamic, anywhere deployment options. Deploy the **BIS Platform** as an iPaaS or with fully managed services in any cloud, in a hybrid environment or on-premises.

Secure and agile deployment models – anytime, fully automated, anywhere

 Any cloud	 Hybrid	 On-premises
Run your BIS Platform in any public cloud, such as AWS , GCP or MS Azure , or in the SEEBURGER Cloud. Reduce operational costs and drive efficiency with reliable business IT services. Bring your business into the data-driven world by making sure your data is where it needs to be, instantly and securely. SEEBURGER supports you according to your needs and requirements.	Deploy your BIS Platform in a hybrid setup, which is a mixed computing environment where applications are run using a combination of computing, storage and services in different environments – the SEEBURGER Cloud, public clouds and private clouds, including on-premises data centers.	Deploy your BIS Platform in your data center, with your hardware, your team and your way or in your choice of private or public cloud, supported according to your needs and requirements.

Flexible service models

Integration Platform as a Service (iPaaS)

Choose iPaaS if you want to operate the integration platform in the cloud while your team handles all the integration tasks, such as developing mappings, configurations and business processes. We take care of securing the highly-available platform operations. With iPaaS, you can transparently connect data, applications, processes and systems and achieve the key benefits of modern and efficient cloud integration – seamlessly networked, reliable business and IT processes.

Fully Managed Services

We take care of all the integration tasks that are necessary for securing the highly-available platform operations. Whether you need data center operations, database maintenance, security updates or the connection of new partners, we offer fully managed services with clearly defined performance promises (SLAs).

Use all imaginable data formats and communication protocols without worrying about implementation, and concentrate 100% on your customers and suppliers – leave the integrations completely to us. We offer a transparent and customer-friendly pricing model. In addition to consumption-based billing, you can flexibly add service components, including technical components and accompanying services.



BIS Platform: 10 features you need in an integration platform to drive innovation in the automotive industry

Feature	SEEBURGER Automotive Industry Solution	Valuable Results
01 Efficient supply chain management through automated business processes	Automotive industry-standard EDI: <ul style="list-style-type: none"> • Message libraries for all common industry standards • Format validation • Canonical EDI mapping approach for more than 5,000 automotive mappings • Connection to all major trading partners 	Save substantial time and money with automatic transmissions of delivery schedules, advance shipping notices (ASN) and invoices in accordance with industry-specific standards.
02 Support and management of trading partner onboarding with self services	Community Management Application (CMA) Easy and automated partner onboarding and self services	Speed up the process and onboard trading partners in days instead of weeks or months with: <ul style="list-style-type: none"> + Automation of supplier onboarding + Automatic collection and maintenance of partner information + Self-service portals for B2B/EDI compliance + B2B directory for master-data management
03 Real-time B2B/EDI with API integration	B2B/EDI and API capabilities, including: <ul style="list-style-type: none"> • API consumption (to connect to partners) • API provisioning (for partners) • EDI communication in real time via APIs 	Enhance EDI communications with API integration. Securely exchange business information in real-time using APIs.
04 Connection of business partners, regardless of size or IT infrastructure	WebEDI for connecting suppliers <ul style="list-style-type: none"> • Close the electronic loop with your complete supplier base by achieving full transparency of exchanged documents • Full support for all supply chain EDI processes via easy to use web forms localized in English, Chinese, German, French and Spanish • Provision of barcode label for enhanced and accelerated goods receipt • Supplier onboarding via self services ensures that WebEDI is ready for many partners to use in a short period of time 	Achieve the highest degree of automation with all business partners with a web-based EDI solution that enables you to manage and automate business transactions. Even small suppliers with no ERP system can be connected electronically.

Feature	SEEBURGER Automotive Industry Solution	Valuable Results
05 Operational resilience through enhanced security	Enhanced security features of BIS: <ul style="list-style-type: none"> • Secure proxy for control of external connections • Active/Active clustering for high availability • BIS DataStore for confidentiality • BIS API Gateway for API security • UMS for access authorization 	An integration platform that prioritizes security ensures that critical processes run smoothly, bolstering operational efficiency, responsiveness and resilience.
06 Connection of business applications to the shop floor	Application integration (EAI/A2A capabilities), IIoT capabilities and shop floor integration	As machines and robots become smarter and more connected, unlock the potential for innovation and efficiency by connecting business applications to the shop floor and digitalizing the processes in between.
07 Data provisioning throughout the internal organization and with partners	APIs for real-time integration of ERP systems and cloud applications	Leaner and more transparent data flows to ensure that the value chain and supporting processes have access to accurate data by the time it is needed.
08 Secure and compliant transfers of critical and confidential data in any format and size	Managed File Transfer (MFT) Supports more than 60 communication protocols, including OFTP2, AS2, SFTP, IBM MQ, HTTPS, X.400, REST and web services	Achieve transparency with end-to-end monitoring and control of secure, traceable exchanges of business-critical data, while complying with all automotive supplier IT security audits.
09 Digitalization of inputs and outputs per automotive industry standards and global regulations	SEEBURGER E-Invoicing Cloud integration services for e-invoicing compliance in more than 35 countries	Comply with government regulations, and save 60 to 80% of the costs of paper based processing. Enable faster, media-free processes, reduced error rates, greater transparency and greater traceability with electronic processing and automation of accounting processes.
10 Status transparency of time-critical B2B/EDI processes	Monitoring of business and technical processes with B2B/EDI, MFT and API capabilities	Avoid penalties, a lower supplier rating or delisting caused by incorrect or late EDI messages and other time-sensitive communications between logistics, suppliers, manufacturing and partners.

About SEEBURGER

One central platform, one experience, all integrations, all deployment models. SEEBURGER is an integration service and software provider. Our BIS Platform enables seamless connectivity of applications, people and processes, whether in the cloud, a hybrid environment or on-premises. With the BIS Platform, anyone can design simple to complex integrations on their own, helping to strengthen their company's digital ecosystem.

SEEBURGER has been working with OEMs, thousands of suppliers and all tiers of auto manufacturing since 1986. We provide out-of-the-box connectivity with prebuilt partner mappings and industry know-how. Drive digitalization in the automotive industry with a focus on real-time transparency, process automation and accurate, reliable data transmission with high security.

Family owned since 1986, today over 1,200 employees worldwide make us strong. Over 14,000 customers rely on integration expertise from SEEBURGER every day. For more information, please visit www.seeburger.com.



Connect.

Integrate apps and technologies for secure data exchange.



Automate.

Hyperautomate and digitalize processes.



Innovate.

Inspire innovation with agile integration and dynamic deployment models.

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Autoliv

B/S/H/

carcoustics
more than silence!

CLAAS

CELLINO GROUP

elringklinger

Fehrer

GKN SINTER METALS

GNUTTI

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