



My ERP

Business management made easy

- Covering all industry-specific processes – from producer to consumer, and from machine to controlling
- Best practices for traceability, quality management, production optimization, and much more
- Functions of BASIC ERP, INDUSTRY ERP, FACTORY ERP, and MES

Flexibly keep up with a rapidly growing industry.

Operating in a dynamic environment, the manufacturers of alternative proteins are faced with challenges that are specific to their emerging industry:

- Procurement of the right raw materials, expensive research and development, complex process engineering, and a multitude of product varieties call for flexibility and efficiency.
- Food safety and seamless traceability must be guaranteed. This includes full compliance with food labeling requirements.


- Efficiency in logistics is important as customers want to get their products fast and on the desired date.
- The advancing digitalization adds to the complexity of processes. Industry 4.0 facilitates coherent digitalization, networking, and management based on reliable real-time data, also in production. This requires integrated information and material flows with harmonization of all data.
- It is essential to optimally manage costs and capacities and to make intelligent use of raw materials and resources.

Specialized in alternative proteins – in software, hardware, services, and business consulting.


CSB stands for tried-and-true industry expertise in the alternative proteins sector. We are therefore aware of the

disparities within this industry. We are a one-stop provider for software, services, hardware, and business consulting for:


Plant-based proteins
(green peas, lentils, chickpeas, nuts, grains, soy)




Insect protein
(crickets, grasshoppers, mealworms)




Algal protein
(spirulina or chlorella)




Cell-based proteins
(cultivated meat or lab-grown meat)




Milk alternatives
based on soy, almond, oat, peas, hemp, rice, or coconut)




Fungal protein powder
(mycoprotein)



Fermented proteins
(yeast or bacteria)



Hemp proteins
(hemp seeds)



Optimized processes – tailored to your business.

Rearing, harvest planning, optimized raw material purchase, highly-efficient logistics processes, compliance with all legal requirements, and creating product transparency for your customers – CSB’s industry-specific ERP for alternative proteins can do a lot for your business:

- From the outset, the industry-specific solution has been optimally designed for alternative proteins, covering **all industry requirements** with its standard version – from producer to consumer, and from controlling to machine connection.
- The integrated all-inclusive solution establishes a consistent database for all departments. All business units are interconnected, and all information is available across all areas. This improves **transparency**, the flow of information, and communication.

- Given the **modular structure of the industry solution**, you can introduce the functionalities that offer you maximum benefit. Flexibly and in the steps you decide. The software adapts to the development of your business, and not vice versa.
- The industry solution is ready for further integration, automation, and autonomy of the **smart factory**. This will secure your competitive advantage for the future. Companies that can produce faster and more flexibly will outperform their competitors.
- The industry solution comprises ERP and MES functions. You can use the **BASIC ERP** for your business, the comprehensive **INDUSTRY ERP** for your entire company, or the **FACTORY ERP** for single production facilities.

It’s your choice – our ERP packages for you.

Areas	CSB BASIC ERP →	CSB FACTORY ERP →	CSB INDUSTRY ERP →
Basic ERP functions for core processes	+	+	+
ERP functions for traceability and quality management	+	+	+
Integrated business intelligence	–	+	+
ERP functions for finance and controlling	–	–	+
All-inclusive ERP solution for the entire company	–	–	+
Standard interfaces to financial accounting software	+	+	+
Standard interfaces to the group ERP	–	+	–
Standard interfaces to hardware (CSB-Rack, scales, mobile devices, cash register)	+	+	+
Standard interfaces to equipment and machines	–	+	+
Customizable processes	–	+	+
Fulfillment of retail requirements	+	+	+
Available as a cloud version	+	+	+
International best-practice standards	+	+	+
Upward compatible	+	+	+
100% industry-specific	+	+	+

The CSB-System is available for every company size. Small and craft businesses successfully use the BASIC ERP, medium and large enterprises choose the all-inclusive INDUSTRY ERP, while company groups manage their plants with the FACTORY ERP.

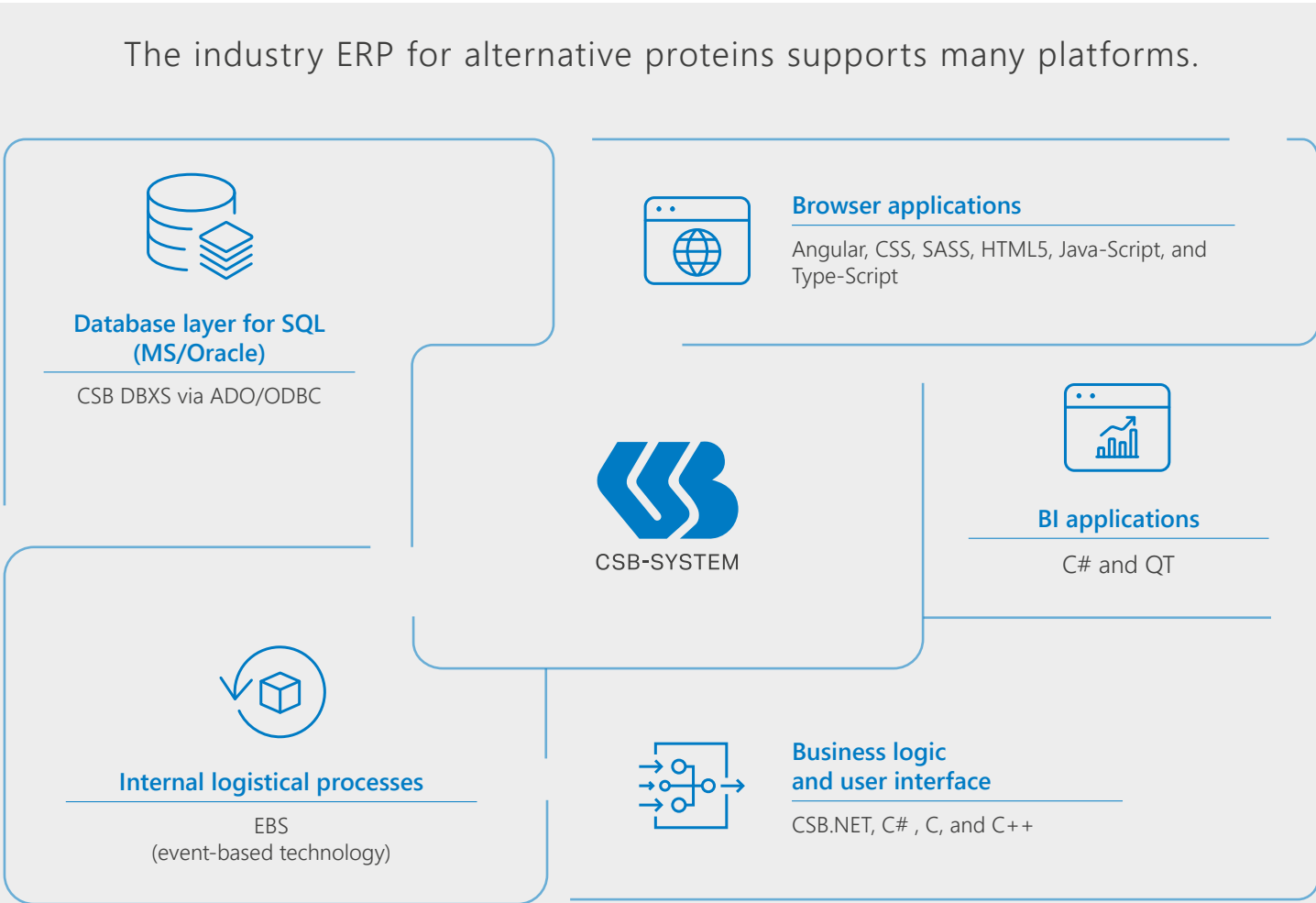
These are the key features a modern ERP needs.

CSB's industry ERP for alternative proteins runs in varying infrastructures, and it communicates with upstream and downstream systems and devices. It integrates languages, currencies, localization, organizational units, different metrics systems, as well as standards for data exchange and data transfer. All the partner technologies involved in your processes are united in one overall digital solution. The result is a homogeneous and flexible IT landscape.

Giving you flexibility.

Data management supports Oracle and Microsoft SQL as scalable database solutions. Windows and Android can be used as front-end operating systems. The EBS technology integrates the internal logistical processes. And our proprietary control systems guarantee the compatibility of the integrated

hardware with your previous investments. To ensure that the industry solution is able to respond fast and flexibly to market requirements, we rely on a clearly structured and flexible software design, the use of standard software, as well as the use and support of service-oriented architectures..



All requirements are integrated into CSB's ERP for the alternative proteins industry. All extensions are upward compatible.



Market



Lawmakers



Customers



Internal

Modular and scalable.

CSB's industry ERP for alternative proteins is scalable and offers modules for all areas of the value chain. This allows you to add new functionality anytime. You decide when you upgrade your ERP, and which modules you choose.

Upward compatible.

The industry solution for alternative proteins is upward compatible, beyond releases and versions. Every two months, you receive a release with the latest improvements. Legislative changes are immediately made available as updates. Additionally, you can install individual add-ons and patches. For this, you will get personal access to the CSB Online Portal. Release changes are mostly automated, so the latest CSB-System version is operational within a few hours.

Integrating equipment and machines.

From intelligent material flow control to completely automatic order picking and control of high-bay storage facilities and batching systems: CSB's industry solution for alternative proteins ensures the productivity of your machines and automatic access to all data of your equipment. The information and control technologies are tailored to your specific needs and make your processes transparent, enabling you to achieve optimum resource utilization.

Available as a cloud solution.

The industry solution for alternative proteins is also available as a cloud version. ERP hosting comprises a complete set of services, from standardized updates to remote consulting. We operate our own data center based in Germany. For your IT services, this translates into high availability and certified security for your business data.

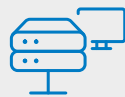
Running on any device.

From web apps and online order systems to online stores: with the web-based user interface of the industry solution for alternative proteins, you can use your ERP when you are on the move. Choose the device you prefer for your ERP processes.

Software from the Cloud.



Client Server



Client Terminal Server



Cloud Hosting for CSB INDUSTRY ERP and CSB FACTORY ERP



Cloud Computing for CSB BASIC ERP



Local Stand-Alone Installations



Web Applications under IIS

Since 2015, CSB has held the DQS certificate according to ISO/IEC 27001:2013 applicable to the provision and operation of a data center and IT infrastructure in Geilenkirchen, Germany.

Modular and integrated – along the entire value chain



Efficiently control procurement processes

- Procurement at optimum conditions regarding quality, traceability, quantity, and price
- Short-, mid-, and long-term planning (material, machines, and staff requirements)
- Automated order suggestion management
- Reusables management with vendor-specific accounting



Plan smart and maximize your profits

- Integrated and flexible planning considering all areas of supply chain management
- Various planning horizons for short-, mid-, and long-term planning
- Consideration of safety stocks, replenishment stocks, target stocks, and maximum stocks
- Detailed order suggestion management for the complete planning horizon
- Production plans based on procurement data, open production orders, current inventory levels, and sales data



Optimally coordinate production and recipes

- Efficient use of staff, machines, materials, including changeover time and maintenance management
- Monitoring of the complete production process, including all quality parameters and related resources
- MES (Manufacturing Execution System) for the dynamic calculation of production defaults and for recipe standardization
- Recipe optimization



Accelerate inventory and logistics processes

- Internationally compliant labeling and designation in accordance with all current communication standards
- Integrated inventory management for all key areas such as procurement, production, and sales
- Monitoring of quality status and expiration date throughout the logistics process
- Flexible mapping and integration of all inventory strategies (block storage, automatic high-bay storage, dynamic storage, etc.)
- Stocktaking management



Powerful picking, paperless

- Mobile, paperless picking processes using
 - Pick by Light
 - Pick to Light
 - Pick by Scan
- Flexible picking based on customers, orders, or items
- Automatic prioritized picking



Safeguard quality and seamless traceability

- Cross-function quality management with integration of ISO, IFS, BRC, HACCP, and other standards
- Strategic supplier management
- Seamless traceability and proof of origin
- Online entry and processing of data directly in the operational process
- Compliance with important laws, directives, and standards
- Data exchange with vendors, customers, and traceability databases (e.g., fTRACE, mynetfair, ATC)



Utilize the full sales potential

- Field service management
- Sales rep and driver solutions with mobile online and offline order entry system
- Subsidiary management
- Cash register system
- Web apps and online shop integration



Make better decisions based on metrics

- Cross-area evaluation and analytics in real time
- BI Solutions (BI Integrated, BI Connected)
- Use on all types of mobile devices
- Management information system
- Customized dashboards
- Communication with downstream systems

My ERP. Business management made easy.



You improve efficiency and quality

Redundancies, inconsistencies, and double entries are a thing of the past at your company.



You always have full transparency in all business areas

All business units are interconnected, and all information is available across all areas. This improves transparency, the flow of information, and communication.



You manage your business successfully

You have all essential core processes of the alternative proteins industry in one integrated system.



You have high security of investment

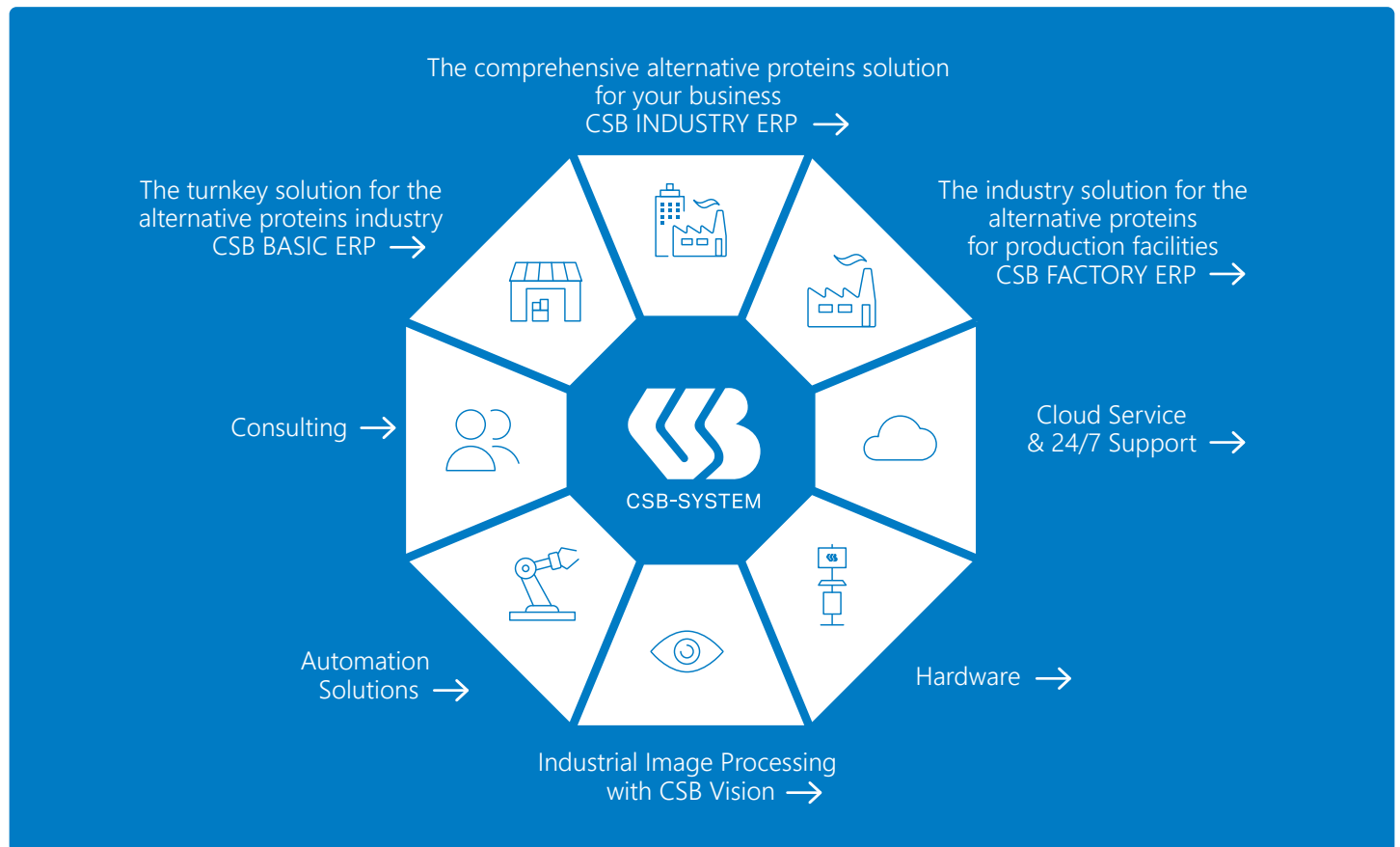
From the outset, the industry-specific solution has been optimally designed for alternative proteins, covering all industry requirements with its standard version – from producer to consumer, and from controlling to machine connection.



You save costs and introduce the system fast

The industry solution offers modules for all divisions of your company that you can later supplement systematically with additional modules. Flexibly and in the steps you decide.

We offer all services from one source.



Your benefits at a glance.

A vertical and horizontal all-inclusive solution.
Modular and scalable.

- Standard solution covering all areas of the value chain
- Flexible implementation of functionalities
- Fast and safe update of the industry solution
- Easy integration of technical improvements or legal changes

Worldwide, one-stop service provider.

- Global support by over 25 country organizations
- 25 system languages
- Reduction of cost and complexity for acquisitions or international expansion

Best-practice standards.

- Regional implementation and support of projects for any company size by our experts with international expertise
- Set of optimized business processes from 45 years of implementation experience

Upward compatible since 1985.

- Software programmed in Germany
- Fast customization and extension of the industry solution

From the industry specialist.

- Programmed for specialists by specialists
- Implementation by experts with sound industry expertise
- Valuable impetus directly from the industry expert

Do the reality check!

Visit one of our customers and experience the industry solution live!

Programmed for Your Success

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CSB is represented in more than 50 countries worldwide.

