Breaking new ground in your supply chain thanks to GIB SCX.

“Top management has the task of harmonizing competing goals in the supply chain and bringing the ‘magic triad’ of resources, quality and time under control. Only then can a holistic, integrated planning process be established, competitive advantages secured and extended, and rates of return increased at the same time.”

Björn Dunkel, Managing Director GIB

GIB SCX is the new integrated and process-oriented solution from GIB. The aim here is to digitize, monitor, control and improve all processes along the supply chain. GIB SCX ensures digital communication not only horizontally along the supply chain, but also bidirectionally at a vertical level, from service creation through to the SAP/ERP system.

User orientation is a clear priority here (usability, simplicity, process maturity and linking). It goes without saying that the performance of this software suite is based on the latest technical and technological standards such as S/4HANA, Fiori and complex algorithms, and is constantly being developed to incorporate machine learning, artificial intelligence and comprehensive heuristics.
With increasing globalization and networking, requirements are multiplying.

An optimized supply chain is the basis for your economic success.

Never before in the history of mankind has global networking been as great as it is today. The economy is largely globalized; the digitization of business processes, communication and information breaks down barriers such as language differences, borders and time zones. This new transparency and permeability presents opportunities, but is also accompanied by risks and challenges, e.g. price and cost transparency, not to mention the global comparability of quality and sustainability.

Manufacturers of all sizes are therefore confronted with severe cost pressure and increasing service requirements. On top of that, there is increased demand for customized products (lot size of 1), which brings with it increased complexity in production. The dilemma: Demands on process design increase; there is a lack of qualified personnel to solve this problem; the scalability of manufacturing processes declines; the number of product variants increases, and willingness to pay drops.

The size of the decision tree and the far-reaching, intersectional consequences of every single decision require intelligent systems that take into account all data from the entire supply chain and deliver holistic and valid decision-making documents.

The general trend of digitization requires a critical examination of the supply chain processes within the company. The economic potential to be identified and accessed is immense. Having a comprehensive data basis and efficient software is considered a mandatory requirement for generating meaningful information (BIG data → smart data).
increasing fixed costs burden
increasing cost pressure
inefficient logistics processes
problems with expanding existing capacities
market dynamics
increasing division of labor
customized demand
overstressing logistics systems
globalization
increasing number of customers
increasing process complexity
increasing product complexity
NECESSITY OF CHANGE
Furthermore, the suite offers proposed solutions and a broad package of measures; these guide all the participants through the optimization process. Success can already be seen at an early stage and with a lasting effect, meaning that the return on investment can usually be achieved surprisingly fast. However, what we’ve learned is that the optimization process never ends, because external and internal factors never stay the same for too long. GIB SCX therefore also works as an iterative planning and monitoring tool, supporting the user reliably and over the long term.

Optimizing supply chain processes starts with raising awareness of the problem.
Instead of presenting data in a messy way, the following precept applies to GIB software: “The right information at the right time for the right user.” This gives top management aggregated and meaningful management ratios for strategic considerations; middle management has information and control options with tactical relevance and reach, e.g. requirements planning, inventory planning or MRP strategies; and for the operational level, all of the necessary information and control options are provided in order to guarantee and optimize production planning and detailed scheduling, order processing or distribution, for example. The continuous flow of information, overall transparency, and user-friendly, seamless display prevent silo formation and “island optimization” of individual departments, resolve conflicts of objectives, and uncover resource waste. The software thus provides a key component in the company’s efforts to achieve world-class manufacturing.

The fields of activity need to be identified and tackled. GIB SCX already provides support during this phase thanks to comprehensive analysis and evaluation options, plus general and company-specific management ratios.
High costs as a result of frequent retooling for small production quantities

Capital lockup due to stockpiling of AZ materials

The balancing act between increasing requirements and dwindling resources.
No speed limit in business. Every action has consequences.

The volatility of markets and the speed of business processes is growing rapidly. The reaction speed of a company has long since become an existential question. Finding the balance between needs-based inventory and material planning and the demand for quick delivery times is difficult. This is especially true if purchase order quantities, deadlines or product specifications are changed subsequently. Many factors contribute to complex and complicated supply chain processes: movement away from mass production, reduced product life cycles, and demand for a variety of versions, not to mention customized products. The establishment of additional resources and capacities must be compensated for through intelligent planning. Only then can companies keep cost pressures and capital lockup as low as possible.
Horizontal and vertical networking of all digitized business processes.

The control loop of GIB SCX ensures continuous improvement of all supply chain processes.

Strategic and operational action planning for optimization starts with the analysis of the ACTUAL status and ACTUAL processes. Thanks to high-performance HANA technology, you’ll work with the latest data and management ratios. Operational implementation and comprehensive control follow a meaningful simulation. Here, performance, usability and the application of the latest inbuilt intelligence are prioritized. Specific management ratios and systematic evaluations allow you to identify success and potential. Optimization takes place as part of the continuous improvement process. Success becomes apparent through significant cost reduction, increased supply capability, more transparency, and acceleration of processes.
**Analysis:** With SCX analysis tools, you never lose sight of all those relevant management ratios, which, if required, can be organized, detailed or aggregated by department. Reliable role administration as well as a user-friendly display and operability ensure optimum transparency and usability for every user. Comprehensive guidelines, not to mention general and company-specific management ratios, provide optimum analysis, controlling and forecasting options.

**Planning:** In Sales and Operation Planning, the strategic business plan is operationalized.

The reliable simulation plays a central role here. Forecast in advance the effect of changes of individual variables on your entire supply chain management. This helps you identify risks and deficiencies before things get expensive. SCX offers maximum planning security, both in terms of the effect of changes that cannot be influenced, and also active interventions in the supply chain process from your end. You check and define in advance which areas you need to focus on for optimization or compensation.

Examples include the early detection of overload, timely identification of the need for action and leveling of production planning for optimum utilization.

This way, you can monitor the effects of your decisions directly and put the performance of your supply chain management to the test.

**Execution:** SCX reduces the complexity of production and procurement. Through the standardized management of resources such as labor and raw materials, you can make better and faster decisions, perfect your order fulfilment, ensure delivery reliability, and offer better customer service.

**Optimization:** Needs-based procurement, minimal capital lockup in production and inventory, reliable sales forecasting, and optimum production processes – the processes and parameters of the supply chain are continuously checked, optimized, and adjusted in the SCX control loop. Thanks to the GIB software, you and your company can continuously improve and you can also perfect your supply chain processes.

Data integration, from sensor to ERP. The software component SFI Shop Floor Integration makes it possible to exchange data between an SAP system and the heterogeneous world of sensors, controls, and machines. Using the SFI solution, you can pre-process events and process-relevant information from the linked source systems, then pass these on to a linked SAP system on a rule basis. There, SFI allows you to trigger and control follow-up activities and processes with minimal integration effort involved.
A cross-process evaluation and a move away from silo thinking and island optimization are the elementary success factors in the optimization of supply chain processes. Synchronizing supply and demand leads to a logical, sustainable application of resources. By utilizing intelligent, integrated solutions (from sensor to ERP), you can avoid loss of information, and a flexible and cost-optimized production becomes possible. Complex guidelines and meaningful management ratios ensure inventory reduction through realistic consumption estimates. A higher level of service can be achieved through an optimized and more flexible sales and production planning approach. A reliable, dynamic simulation enables optimized capacity and sales planning.

Benefits of GIB SCX Supply Chain Excellence

- Process optimization
- Inventory reduction
- Resource optimization
- Increased level of service
- Dynamic simulation
- Flexible production
- Reduced lead times

With GIB SCX, you optimize your supply chain continuously and almost in real time. This lets you react flexibly to challenges while also increasing customer satisfaction and reducing costs at the same time. Lead your company into the future!

The quantum leap into real-time optimization of your supply chain.
• Data basis for strategic planning and operational control
• Module for world-class manufacturing and the smart factory
• Vertical and horizontal connection of the digital supply chain
• Planning and controlling with real-time data
A strong team for your goals – implement plans with GIB.

As a software manufacturer and certified SAP Silver Partner, we’ve made it our mission to improve logistics processes in SAP.

With GIB you optimize your supply chain, adding important planning functions and methods to the standard SAP system, and thus create a decisive advantage on your road to success. Reduce unnecessary warehouse stock, increase your supply capability, and become significantly more efficient!

In GIB, you have an experienced and competent partner by your side, one that will accompany you throughout the entire process – before, during, and after implementation. Our success is defined by our 27-plus years of experience and over 600 satisfied customers in more than 20 countries.

Become a part of this, too, and join GIB as we head for SUCCESS.
more than 600 satisfied customers worldwide
more than 27 years of ERP experience
more than 1200 years of SAP project experience
more than 120 employees