

Future-ready warehouse automation

Advanced, goods-to-person solutions that drive success in the e-commerce / retail industry



Logistics automation for the retail industry

**A 20-times
improvement in
pick rates for
e-commerce**

Hat World
USA

**Fully
automated
order picking
for approximately
5,000 different
SKUs**

dm
Germany

**Up to 800
in- and outfeeds
per hour**

Alnatura
Germany

**Dense
storage capacity
for 100,000 SKUs**

Hat World
USA

**A maximum
of 24 hours
throughput and
delivery time at half
the logistics costs**

Gries Deco
Germany



Drive growth in your e-commerce / retail business

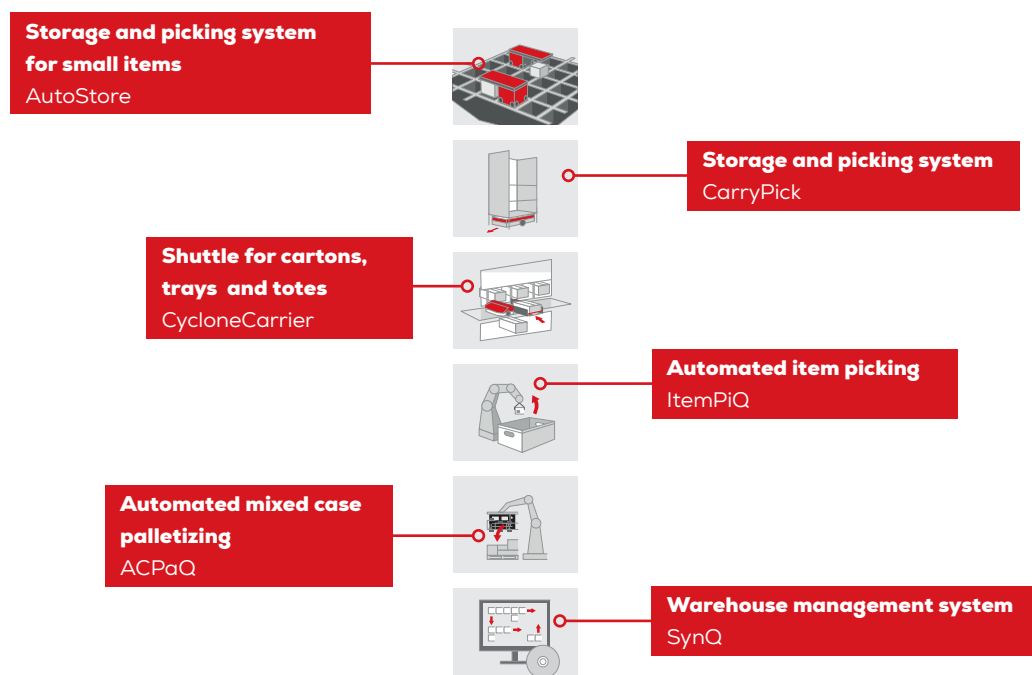
Gain greater efficiency, flexibility and agility with Swisslog's future-ready automation solutions

E-commerce is the fastest growing segment in the global economy. And while this means tremendous opportunity for both multi-channel retailers and pureplay e-commerce companies, competition has never been more intense. Meeting the challenges of omni-channel fulfillment operations is compounded by consumer expectations for speed, individuality and convenience, forcing retailers to rapidly adjust their supply chain concepts.

The challenges of e-fulfillment include, for example, large SKU counts, high penalties for poor performance, demand for real-time and accurate inventory visibility, small numbers of items per order and high numbers of returns from customers. From the incoming online order to picking, packing and shipping the goods, every step must be handled efficiently, consistently and cost effectively. Speed of order fulfillment, order accuracy, minimized returns and customer satisfaction are critical. Modern warehouse automation and software systems

must rise to the challenges. Swisslog's scalable, future-ready automation systems and SynQ warehouse management software are designed to give you the insight and flexibility you need to meet your company's changing demands. They'll make as much sense tomorrow as they do today. Swisslog offers the widest spectrum of automation solutions, from the latest goods-to-person technologies such as CarryPick to dynamic storage and retrieval systems such as the Cyclone Carrier and AutoStore solutions, integrated with advanced robotics.

Swisslog Solutions: Our commitment. Your competitive advantage.



We shape the future of your intralogistics

Creating solutions powered by a single technology platform

Industry 4.0 is changing the competitive landscape

Industry 4.0 is changing how we interact with machines and how those machines interact with each other. This will have a significant impact on the warehouse. With decentralized, networked intelligence, advanced robotics and self-organized processes, the warehouse of the future will take a giant step forward in productivity, flexibility and efficiency. With more than 2,000 projects implemented worldwide, Swisslog will lead the way.

Swisslog is your partner in the era of digital transformation

Together with KUKA, Swisslog is driving innovation in robotic, flexible and data-driven solutions, bringing transparency and efficiency to your retail warehouse. So your intralogistics can evolve from a large rigid system into modular, software-driven solutions, which can grow as the market demands. Swisslog is ready to stand by your side and lead you on the journey to achieving the highest intralogistics performance in a digital age.

Software: The powerful basis of our solutions

SynQ, our material handling software, encompasses warehouse management, material flow and automation control system functionality in a single platform. It can visualize your system in 3D and also provide an array of business intelligence tools within the Cockpit. With Condition Monitoring, for example, you gain real-time visibility of your materials handling operations and get insights to optimize business performance. Make your big data smart with Swisslog.



Alnatura, Germany

Alnatura offers organic foods, textiles and cosmetics in 120 company-owned supermarkets in Germany and Europe.

Customer Challenge: Expanding store network and a larger SKU range needed an automated solution from one central location.

Result: Unique, wooden high-bay warehouse with automated, efficient flow of goods and less CO2 emissions; no heating or artificial refrigeration required.



Hat World, USA

The company is a leading US sports goods retailer, operating their retail brand LIDS with 1,100 stores, 29 distribution channels and a robust e-commerce business.

Customer Challenge: High growth demanded implementation of a piece picking solution within existing warehouse space.

Result: Double pick rate (per hour, per employee) compared to previous person-to-goods voice picking operation.



dm, Germany

Established in 1973, dm is now the largest drugstore chain in Europe (currently more than 3,400 stores).

Customer Challenge: new distribution center to provide the increasing number of shops in the north and east of Germany with goods.

Result: Fully automated order picking of mixed case pallets. The new facility Wurstermark is expected to go into operation in 2020.

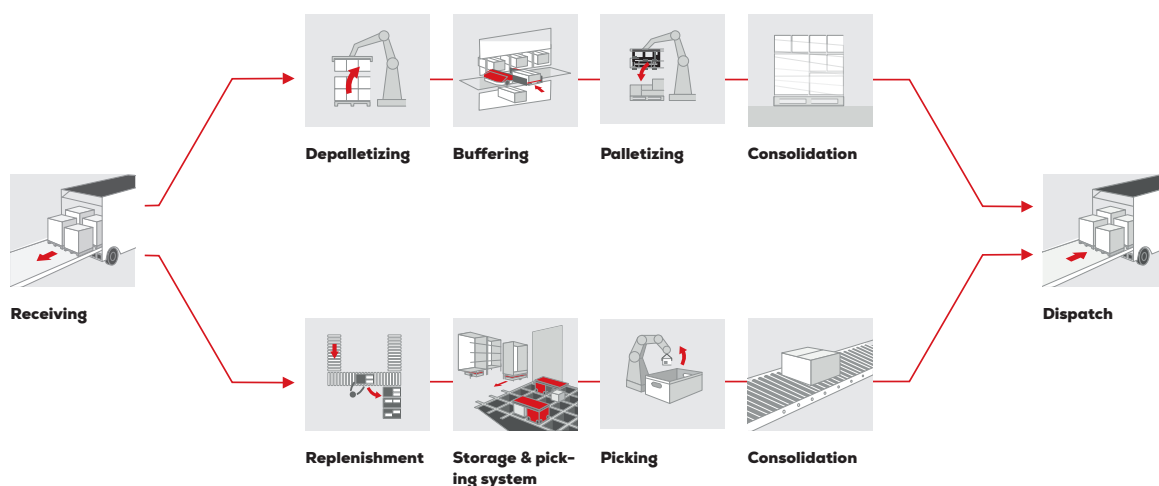
Solutions for your growing e-fulfillment operations

Future-ready in a changing e-commerce / retail market

At Swisslog we share a passion for designing, developing and delivering logistics automation systems and software that drive customer success.

We do this by offering a full spectrum of solutions ranging from world-class automated storage and retrieval systems to goods-to-person automation and advanced robotics.

We dedicate ourselves to a deep understanding of our customer's business, a thorough analysis of their data and an unwavering commitment to customer support.



SWISSLOG