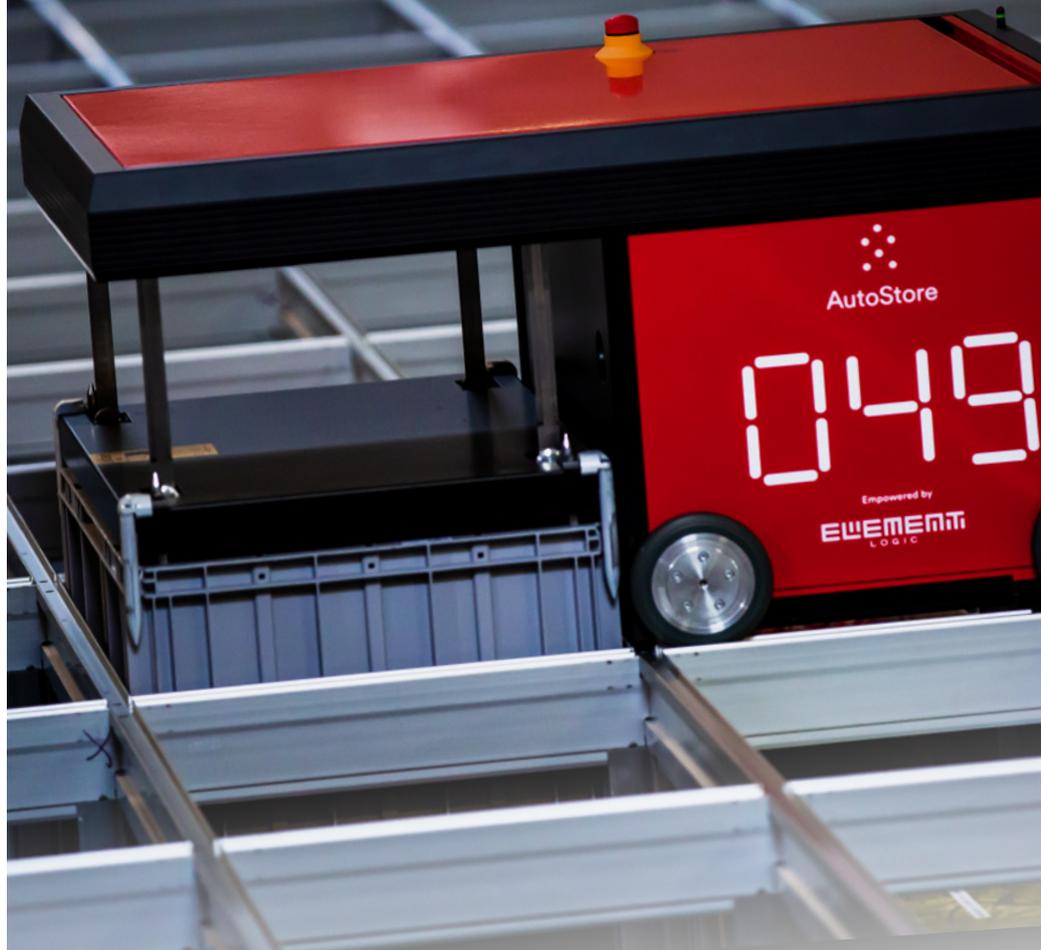


ELEMENT
LOGIC



We ensure your
future competitive edge



OPTIMIZING WAREHOUSE PERFORMANCE

elementlogic.net

Take your warehouse to the next level with AutoStore®

AutoStore empowered by Element Logic is a powerful and future-proof solution for the quick and efficient handling of orders with the help of robots. The unique automated storage and retrieval system is suitable for companies of all industries and sizes.

Imagine a warehouse that **saves up to 80 % floor space**, is **scalable**, and offers **flexible** capacity by storing goods in stacked bins serviced by high-speed robots. This is what you can achieve with AutoStore.

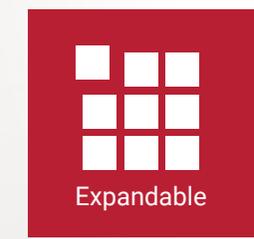
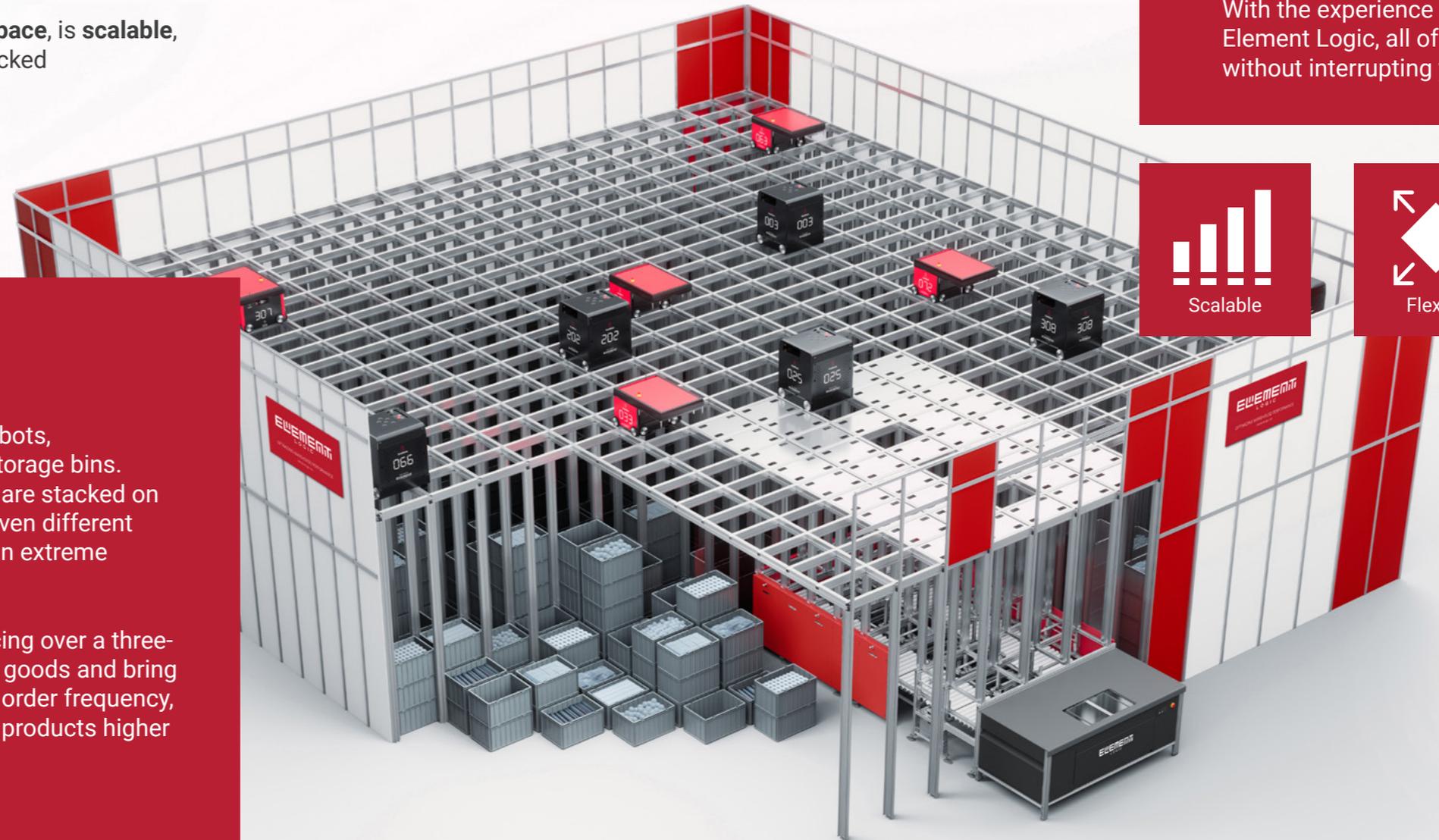
Need extra storage? Add storage cells and bins. Need higher performance? Just add robots and operator ports.

With the experience and expertise of Element Logic, all of this can be installed without interrupting your daily operations.

How AutoStore works

The AutoStore system contains battery powered robots, workstations and an aluminum grid that includes storage bins. Thanks to the special AutoStore design, these bins are stacked on top of each other without wasting any space, and even different items can be stored in a single bin. This results in an extreme advantage of space utilization.

The warehouse is operated by intelligent robots racing over a three-dimensional aluminum grid. The robots pick up the goods and bring them to the desired workstation. Depending on the order frequency, the intelligent system automatically stores popular products higher up and thus closer to the robots.



Element Logic - your preferred AutoStore partner

The world's first AutoStore distributor in 2003, and experts in AutoStore solutions.

Several years as the world's sole AutoStore provider have given us unique insight on how to optimize AutoStore solutions. Since then, we have continued to develop and deliver industry-leading AutoStore solutions and services tailored to industry requirements and customer needs.

Over the years, we have witnessed our customers save tremendous amounts of space, boost warehouse efficiency, strengthen profitability, and cut costs with the help of our AutoStore systems.



*AutoStore reduced our warehouse area to 1/3 ,
and we experience more than 100 % increase of
efficiency in pick&pack-process.*

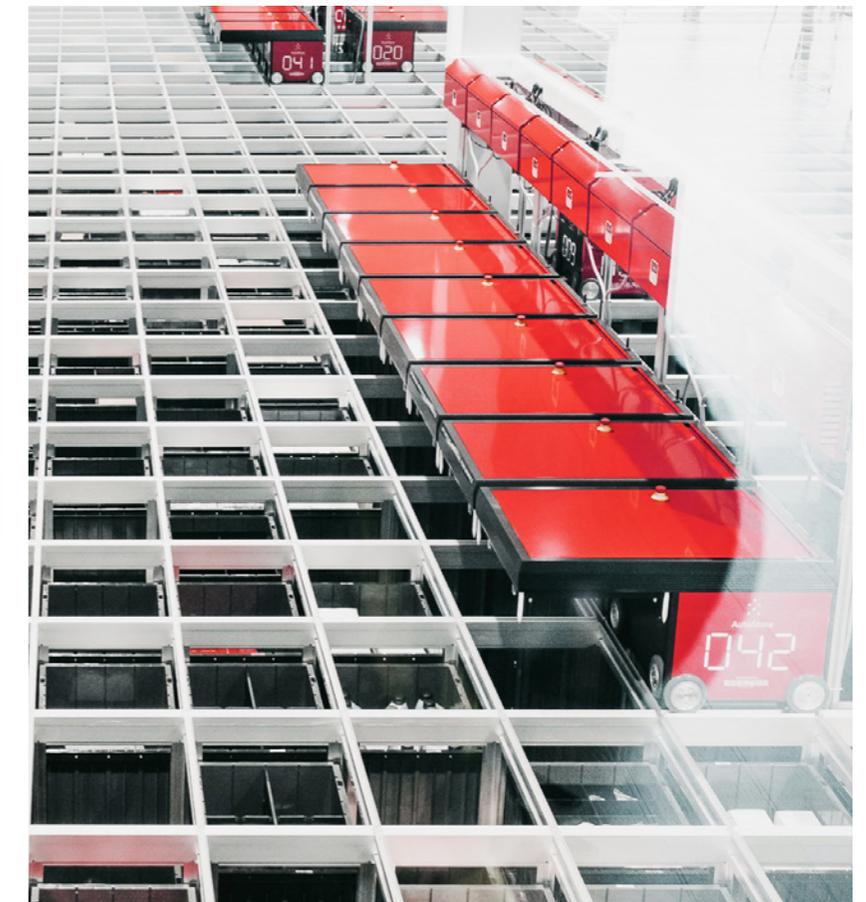
Niels Hemmingsen, COO Boozt.com



jollyroom.se

*Implementation took place quickly and our staff was
involved in both building up and running, which created
great commitment and knowledge internally.*

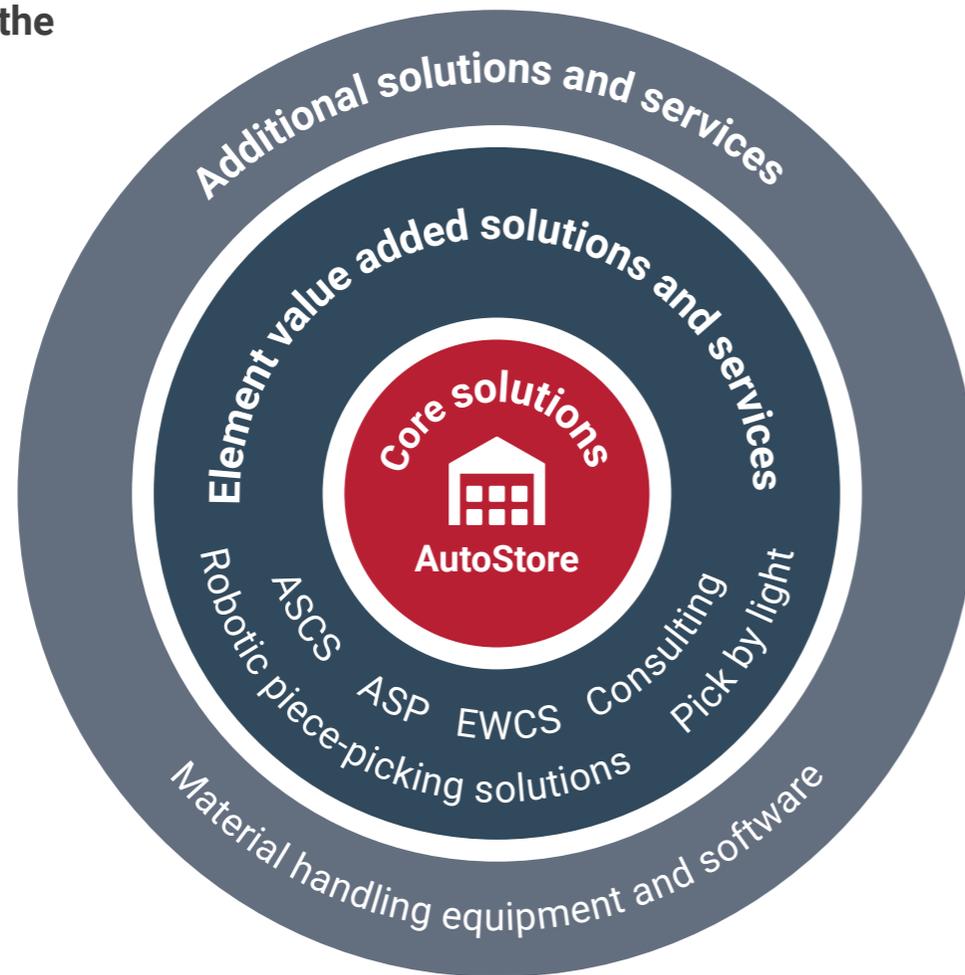
Cecilia Olsson, Logistics manager, Jollyroom.se



Element Logic - your one-stop shop for warehouse automation

From system design to production, we are the **AutoStore** warehouse total solution specialist.

As the world's first AutoStore distributor in 2003, we are experts in designing, delivering, installing, and supporting total warehouse solutions centered around AutoStore automated storage and retrieval system (AS/RS). Our standardized processes ensure that you get the most out of your investment quickly.



We provide:

- Design services for complete automated warehouse solutions
- AutoStore Systems (AS/RS)
- Element Warehouse Control Software (EWCS) for AutoStore
- ERP / WMS and Transport Management System (TMS) integration
- Robotics, conveyor systems, and other integrated mechatronics solutions
- Manual warehouse equipment
- Standardized system delivery, installation, configuration, testing, and handover
- System maintenance and support
- Partnership for continued optimization

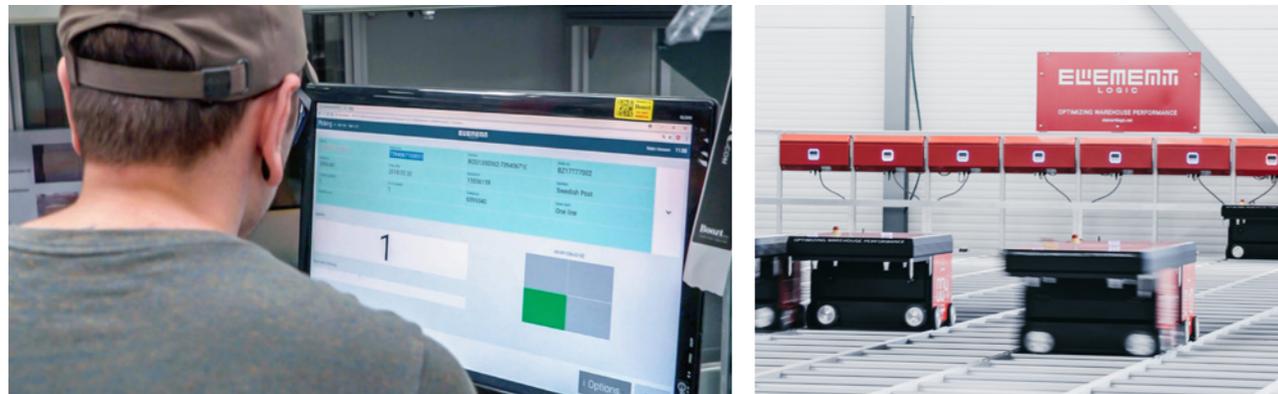


Element Logic promised us to launch our AutoStore within 100 days after we signed the contract, and we did! I'm looking forward to develop our AutoStore in cooperation with Element Logic, to ensure excellent customer service and efficiency.

Tom Kjærulf, Supply Chain Director at EET Group

Boost your AutoStore performance with Element Warehouse Control Software

Element Warehouse Control Software (EWCS) is the AutoStore management software developed by Element Logic. It enables you to maximize the efficiency of your AutoStore warehouse processes, boost productivity, reduce costs, and improve customer satisfaction.



What you get:

- An AutoStore-optimized user interface
- Built-in operator assistance for accomplishing AutoStore tasks
- Product location and inventory control
- Operational dashboard and service portal
- Management of AutoStore warehouse processes
- Integration with ERP / WMS and a variety of warehouse supply-chain systems
- Integration with Robotic Piece-picking Solution by Element Logic



Bertel O. Steen

The benefits we get from cooperating with Element Logic, and the technology they have included in their unique WCS system, are huge.

Rune Kristiansen, Head of Logistics Bertel O. Steen



- Range -

Pick, place
thousands of SKUs

- Rate -

Fulfill orders at high
speeds for a strong ROI

- Reliability -

Get customers
what they ordered

- Ready -

Run with any warehouse
management software



Extend your AutoStore automation with the Robotic Piece-picking Solution by Element Logic

Decrease operational costs and increase overall profit with our autonomous Robotic Piece-picking Solution.

The Robotic Piece-picking Solution by Element Logic enables automated handling of goods stored in AutoStore. It includes a robotic arm, camera-eyes, and a gripping hand with fingers and a suction cup that easily grasps new items without previous training. It combines software from Element Logic for seamless integration of AutoStore with award-winning RightPick technology from RightHandRobotics (RHR). Utilization of machine learning means that it continues to get even faster all the time.

- Collaboration with AutoStore
- Intuitive user interface
- Operational dashboard and service portal
- Real-time, mobile-compatible statistical reporting
- Integration with our EWCS warehouse management system for AutoStore or any warehouse management software



onninen

Everything went perfectly. It's obvious this robot arm can help us with efficiency, quality, and unfavourable working hours. I think this is the future of logistics, no doubt about it. - Onninen test project

Thomas Fosstveit, Operations Manager at Onninen

Unsure if your SKUs are suitable for robotic piece-picking?

Order our pickability analysis for a physical test to demonstrate how well the Robotic Piece-picking Solution picks and places your SKUs. You will receive a report with the test results, a cost / benefit analysis, and recommendations tailored to your individual needs.

E-commerce startup Bergfreunde **increased order picking efficiency** by more than **400%** with AutoStore by Element Logic

With more than 15,000 orders processed on peak days, they are one of Europe's leading online mountaineering retailers.



Founded in Germany in 2006, Bergfreunde has experienced rapid growth. The original warehouse in Kirchentellinsfurt and various decentralized warehouses could no longer keep up with this growth. To remain successful in the market long-term, the company needed an infrastructure that would allow for more than 30-40% annual revenue growth. Storage capacity scalability, picking speed, and picking efficiency were key factors.



“With our tremendous growth, we are dependent on a flexible and efficient storage system, which is why Bergfreunde.de has chosen AutoStore. Scalability, space efficiency and high performance were decisive factors for us. All our expectations on AutoStore and Element Logic have been more than

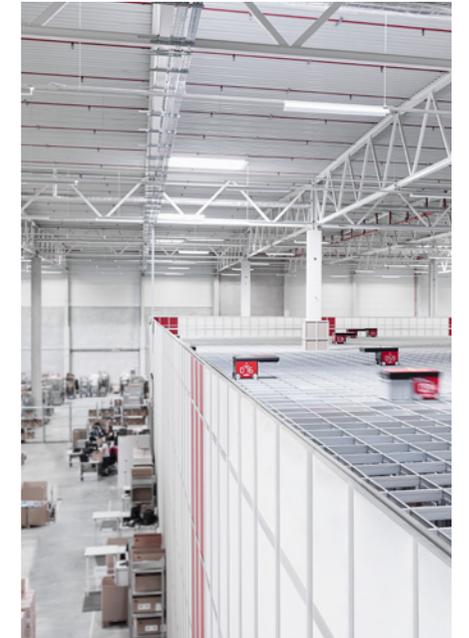
fulfilled and we have never regretted our decision,” says Ronny Höhn, Managing Director of Bergfreunde.

Success with customized solutions

In order to remain future-proof, Bergfreunde opened a new logistics center in August 2016, covering an area of more than 10,000 m² in Rottenburg-Ergenzingen. The highlight of this logistics center is the stand-alone AutoStore system. Element Logic customized the system with conveyor technology and process optimization, and delivered various extensions without any interruption to operations. Consequently, Bergfreunde continues to meet the needs of their increased growth.

Today, Bergfreunde's 80 AutoStore robots take care of more than 180,000 items from a variety of manufacturers. The products range from clothing and footwear to special equipment for climbing and other outdoor activities. With Element Logic's help, Bergfreunde has succeeded in increasing its order picking efficiency by more than 400%. In addition, the company was able to significantly reduce its throughput time. Today, the online shop processes more than 15,000 orders on peak days.

For more information - visit us at elementlogic.net



“Scalability, efficient use of space and high performance were the decisive factors for us. Our expectations towards AutoStore and Element Logic were more than fulfilled and we did not regret the decision a day.”

Ronny Höhn, Executive Director, Bergfreunde

Go GREEN four ways

Element Logic can help reduce your carbon footprint

Traditional warehouses are designed with human workers in mind—from the use of space to lighting and temperature. Automated warehouse solutions by Element Logic provide space-efficient and energy-conscience alternatives.



AutoStore utilizes sustainable technology; it is strategically designed to include few components. To hear more about these and other features, contact our team today at elementlogic.net.



Turn off
the lights

1. Reduce electrical costs

Robots don't need environmental settings to work. By turning off the lights and lowering the temperature, our clients have seen **up to a 75% reduction in their electrical costs.**



Energy efficient

2. Increase energy efficiency

AutoStore robots run on **rechargeable batteries** and generate much of their own energy that returns power to its batteries. Ten AutoStore robots use the same amount of electricity as a vacuum cleaner and can **easily run on solar energy.**



Reduce
footprint

3. Increase space efficiency

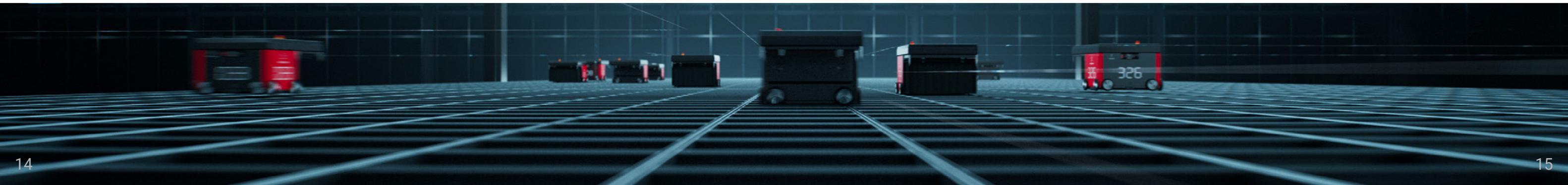
We design highly space-efficient AutoStore **solutions that take physical obstacles into account for warehouses of any size.** This has enabled our customers to increase their storage capacity while **reducing their overall warehouse footprint by up to 75%.**



Recycle

4. Reduce waste

Store products, not trash. In partnership with our customers, we design warehouse processes and systems for **waste management and recycling.**



About Element Logic

Element Logic is the original AutoStore® partner and leading AutoStore intralogistics technology company in Europe – ensuring our customers' competitive edge.

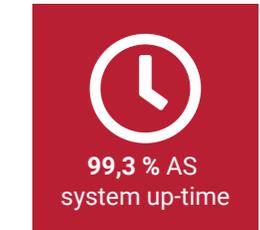
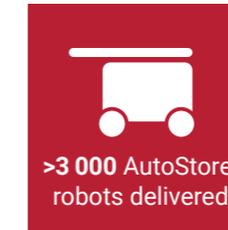
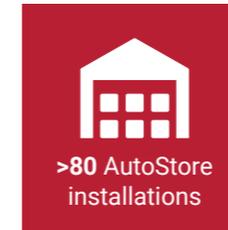
Established in 1985, we optimize warehouses of all sizes in a wide range of industries including electronic components, parts distribution, consumer electronics, 3PL, pharmaceuticals, apparel, sports equipment, and more.

In 2003, Element Logic became the world's first AutoStore distributor. Since then, companies have relied on us to provide tailor-made AutoStore systems. We design, deliver, install, and support:

- AutoStore solutions
- Robotic piece-picking solutions
- Material flow handling solutions
- AutoStore management software

We are committed to helping our customers save space and streamline warehouse processes.

For more information about our automated warehouse solutions and services visit: www.elementlogic.net or follow us on Facebook and LinkedIn.



We are where you need us to be

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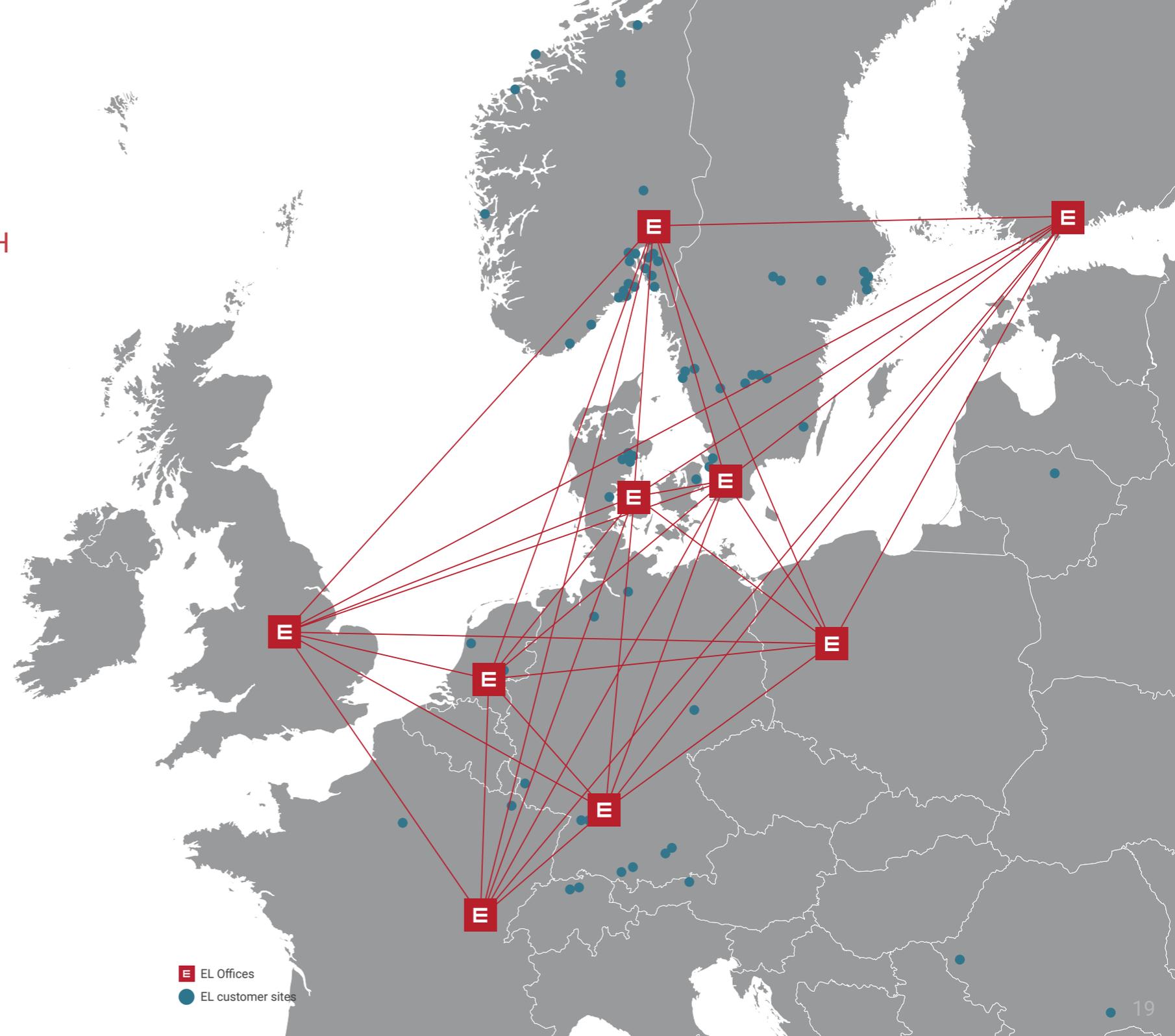
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OPTIMIZING WAREHOUSE PERFORMANCE