

PRODUCTION LOGISTICS

Matrix

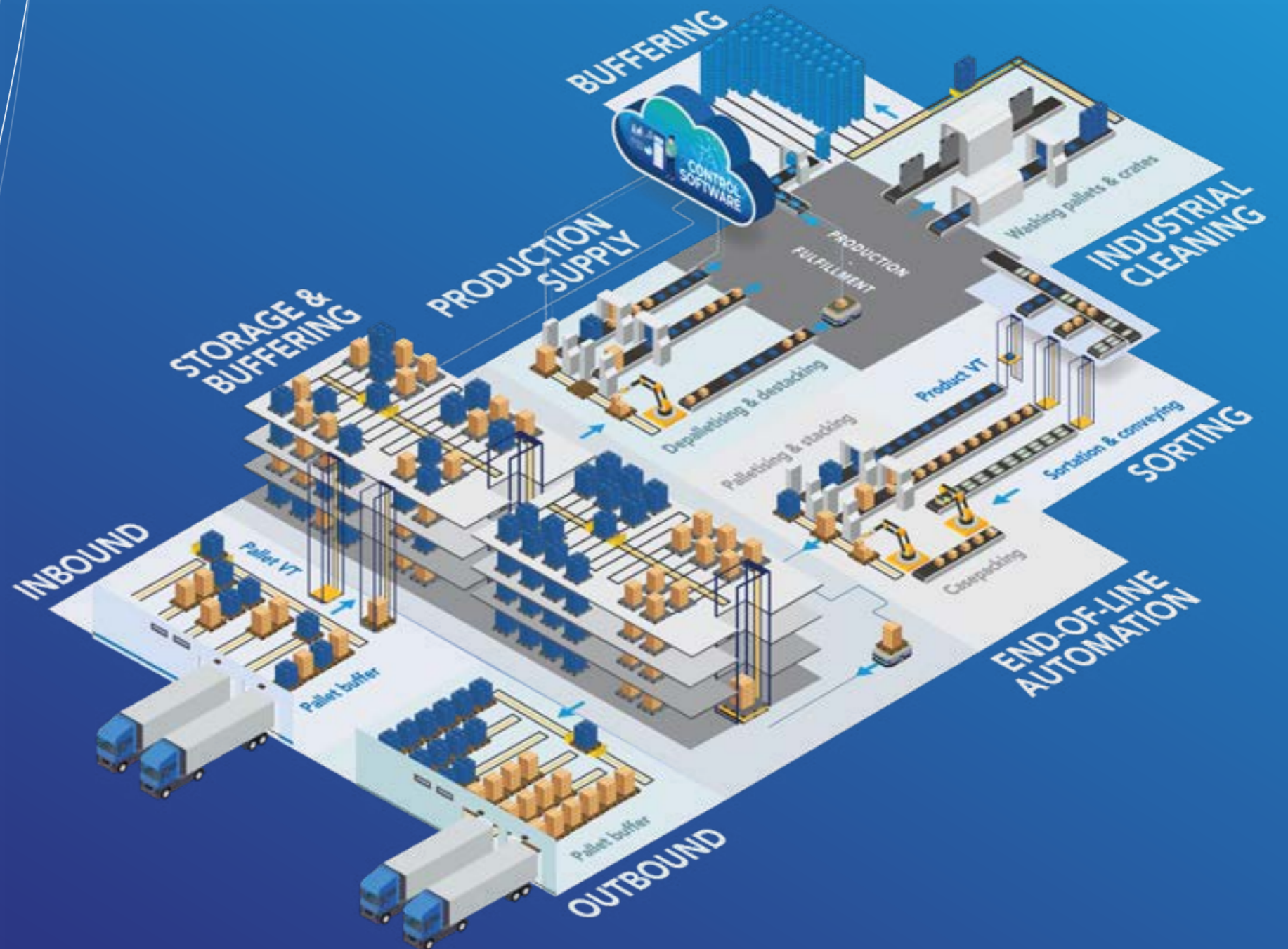
storage systems

LOGISTICS SOLUTIONS

Optimize your production with automated intralogistics

Dare to innovate and let logistics automation boost your competitiveness. Upgrade your production process with us and capture the benefits of scale, speed and control at lower operational costs.

We specialize in moving pallets and crates from docks to production lines and back. Our solutions match the fast-paced demands of food processing and manufacturing. Whether products are being cut, packed or assembled: let us take care of the rest.

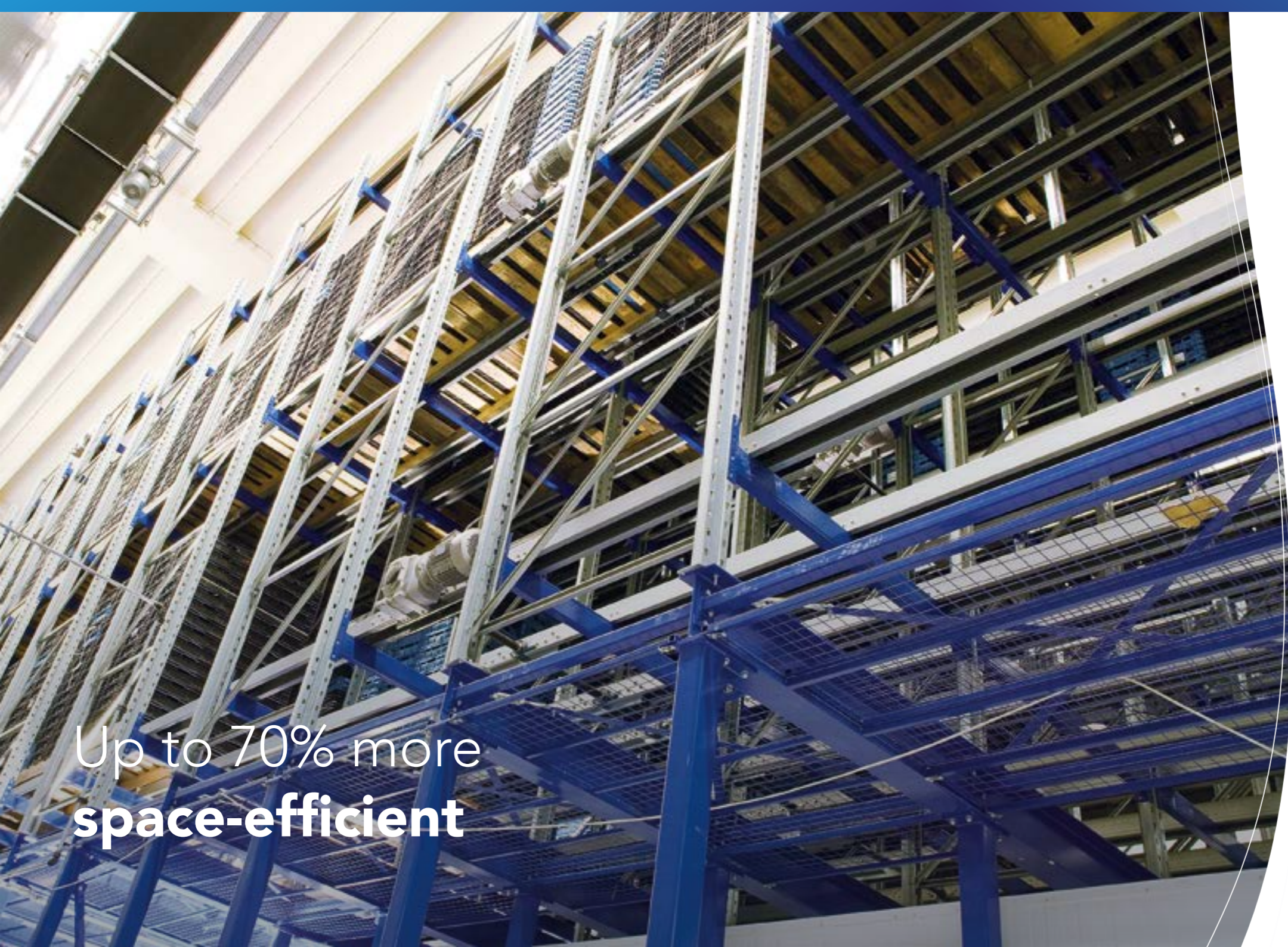


FULLY AUTOMATED

Matrix storage system

The MATRIX is a fully automatic storage system for pallets and other unit loads. Engineered to make optimal use of your building. Storage with MATRIX stands out for its compactness and short throughput times. Ideal for production and distribution, especially in industrial production and food industries.

- ✓ High density storage
- ✓ High pallet throughput
- ✓ Ideal as Buffer Storage



Up to 70% more
space-efficient

SPACE-EFFICIENT

Make optimal use of your building

Storage with MATRIX stands out for its compactness and it's up to 70% more space-efficient compared to traditional storage systems. The system is highly suitable for existing buildings and simply scalable for any greenfield project. The system can grow to meet demands by adding storage levels, shuttles and lifts.



Multiple load carriers

Stores and handles pallets and similar sized products, such as pallet boxes, bins, racks, gutter boxes and tray systems.



Single or multi-level

The single or multi-level system keeps up with your most demanding peaks and offers the highest storage density.



Ambient to freezing

Operates in -30° to +40°C. Thanks to its charging technology Matrix can be operated in cooling and freezing conditions.

PALLET HANDLING

Fully automating your pallet flow

As a system integrator, we provide all related handling systems to connect the storage system to your production lines, picking stations and loading docks.

Our logistic solutions take care of the entire flow of products, crates and pallets. We make sure they are automatically moved, buffered and stored throughout the production process.

Broad material handling portfolio

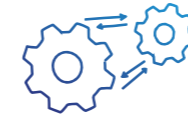
Our portfolio consists of configurable pallet conveyors, shuttles, lifts, palletisers, and stackers. We also include crate or box conveying to create a seamless connection to your processing or packaging lines. Third-party solutions for robotics or AGVs can be integrated to create the best handling system.



HARDWARE, SOFTWARE & INTEGRATION

Software solutions

As part of our integrated solution, Viscon's Factory Intelligence software gives you optimal control and management of your entire logistical process. Our software includes components for warehousing, logistics and production processes. It incorporates the functionality of a **MES**, **WCS** and **WMS**. We integrate with existing software systems. By linking to an overarching WMS or ERP system we unlock the benefits of connection.



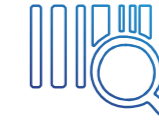
Versatile integration

We integrate our own equipment and any third-party equipment. We support our customer's endeavors to scale up and improve performance. New automation and software solutions can be easily integrated afterwards.



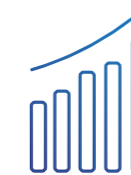
Real-time monitoring

Our software allows for real-time monitoring to ensure process control across the production floor. KPI dashboards help to create the right insights on the spot and provide useful input for management reporting.



Continuous traceability

A product's location and status are available at any time and data is linked to other systems such as ERP. This gives tremendous benefits for supply chain Track & Trace management.



Performance optimization

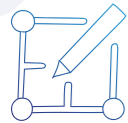
Data collection and analysis help to measure performance and identify optimization opportunities across the process. Areas of improvement can be much more easily identified.

SOLUTIONS TO FIT YOUR OPERATIONS

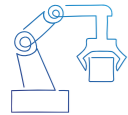
About Viscon

Based on your operations, facility and preferences our engineers design the optimal logistics flow. We use standard components, which can easily be modified and scaled up. We can offer this flexibility thanks to our in-house engineering, production and software capabilities.

We take care of the total project management from concept to commissioning. It's about the integration of equipment into a complete system. Powered by software that creates higher efficiency and performance of your facility.



**Layout-Design
& consultancy**



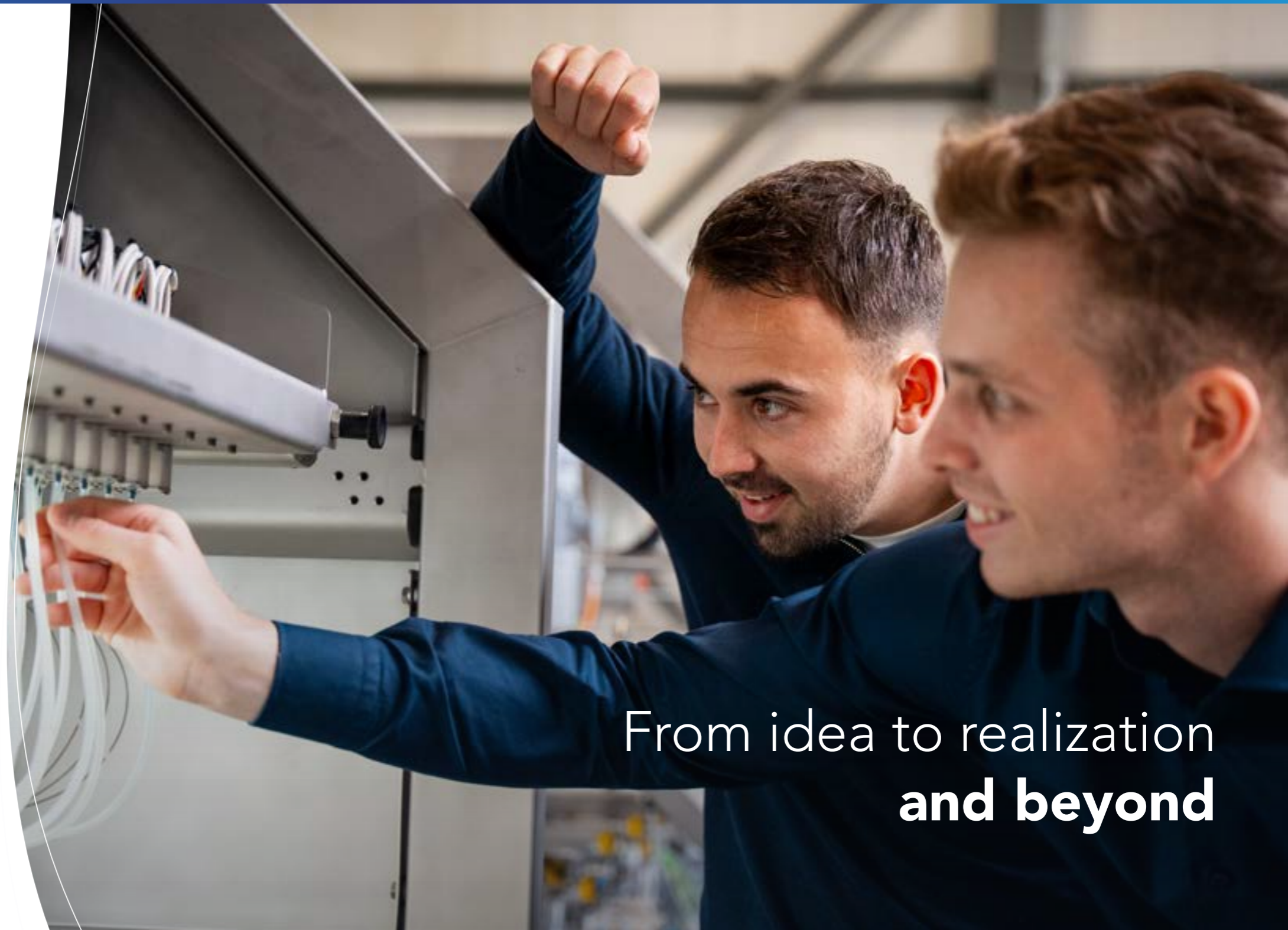
**In-house build
material handling**



**In-house developed
software**



**Seamless third-party
integration**



From idea to realization
and beyond

OUR LOGISTICS IN USE

Customer stories

Growers United

An automated 3000+ pallet Matrix storage system to buffer incoming fresh produce. A combination of lifts, shuttles and wireless satellites allow for flexibility when considering the vast quantity of products.



Vergeer Holland

Three fully automated storage systems, dozens of shuttles which operate simultaneously, and one professional software infrastructure ensure Vergeer Holland is ready for the future.



SPC Group

The SPC Group wanted a fully automated storage solution in their factory to bring the buffer of raw materials to the production floor. Viscon was asked to implement the Matrix storage system.



Speeding up
your logistics flow

Optimize your production with automated intralogistics



Viscon Group

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