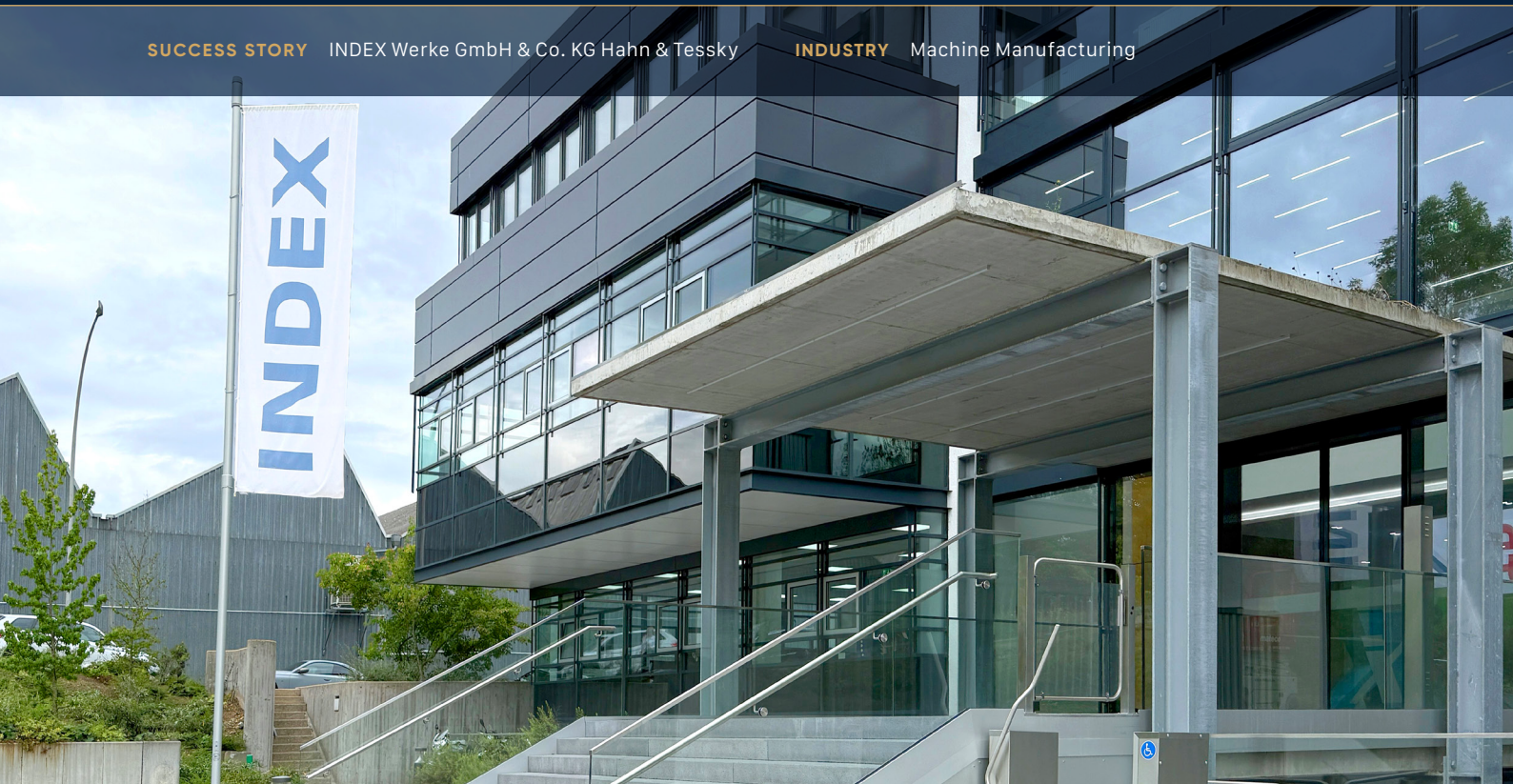


Secure production processes through transparent management of load carriers

SUCCESS STORY INDEX Werke GmbH & Co. KG Hahn & Tessky

INDUSTRY Machine Manufacturing



RESULTS

- + Transparent overview of the location of the load carriers
- + Inventory and categorisation of transport racks

- + Tracking of load carriers, even at suppliers
- + Avoidance of production delays
- + Significant time savings

BOX ID Ident Data Source

Active Longlife Tracking	☒
Active One-Way Tracking	☐
Passive Tracking via QR	☒
Mobile Scanpage	☒
Integration Identsystem	☐
Integration ERP	☐

STARTING POINT

In the engineering industry, most orders have a batch size of one. In addition, each order consists of a large number of individual parts and components that must be available in the production area on time. Due to the size and weight of the components, a large number of load carriers are used in the INDEX plants to facilitate the mobile provision of the individual assemblies.

In the past, reliable tracking of the more than 1,000 loading carriers across five production sites was almost impossible, leading to repeated delays in production. For this reason, the company was looking for an efficient system to manage a large number of transport racks and decided to implement the BOX ID Cloud Solution.



Flexible solution for load carrier visualisation

As large components could not always be made available on time for production at the INDEX plants due to a lack of suitable transport racks, the production management started looking for a transport rack management system. BOX ID's solution quickly impressed them with its clear cockpit, convenient user administration and ease of use. Another advantage was the possibility of completely individual typing and labelling. The INDEX plants have currently defined **77 different types of load carriers, which in turn can be classified with twelve different status designations** (e.g. empty, loaded, defective, en route, etc.).



To date, more than 500 containers have been fitted with active and passive trackers. The active trackers enable real-time tracking, while the passive QR codes are ideal for reporting status changes, such as a release notification or the completion of a repair. This gives the entire logistics team a transparent view of the availability and location of transport racks at the touch of a button.

Reliable tracking speeds up response times

The implementation of the BOX ID solution has drastically changed the understanding of the importance of load carrier management at INDEX plants and their suppliers. The new query capabilities of the cloud-based system, which is used as a Software-as-a-Service (SaaS) solution, provide a **clear overview of all transport racks for the first time, resulting in significantly faster response times.**



BOX ID's support during the implementation phase was described as very positive and cooperative. **The quick response to customisation requests contributed to the high level of satisfaction during the project.** Since the implementation, a large number of delays in the production process have been avoided and there has been a noticeable reduction in the number of 'fire-fighting' actions in the logistics area.

» We were able to integrate Process Mining into the test phase and quickly gained useful insights into how our load carriers really work. «

DIANA FÖRSTER LOGISTICS INDEX WERKE

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About the INDEX Group

With its INDEX and TRAUB brands, the INDEX Group is today one of the world's leading manufacturers of CNC turning machines. The Company Group in Esslingen has 80 sites worldwide with six production sites and twelve international sales and service companies as well as an extensive retailer network.