



## CE Automotive Newsletter

### Q4 2024

#### Revolutionizing Warehousing: The Strategic Leap into Automation

In an era of **rapid technological advancements**, **warehouse automation** is no longer exclusive to large corporations. The article delves into how even mid-sized market players are embracing automation to **enhance efficiency** and **reduce operational costs**. The adoption of cutting-edge technologies like AI, machine learning, and Autonomous Mobile Robots (AMRs) is transforming warehouse operations, enabling companies to **optimize inventory management** and **improve order fulfillment**, especially amidst labor shortages and a competitive global market.

However, as promising as it sounds, transitioning to automated systems involves its own set of challenges, requiring **meticulous planning** and a **strategic approach**. The article explores the critical considerations for successful implementation, from understanding specific operational needs to navigating procurement and complying with construction regulations. It outlines a **comprehensive roadmap to guide companies** through each phase of their automation journey. Click the link to read the full article and discover how automation can help you transform your warehousing operations and give your business a competitive edge.

#### Digital Twins as Warehouse Operating Systems

In today's fast-paced market, warehouses face a myriad of challenges such as **supply chain disruptions**, **demand volatility**, and **a global shortage of skilled labor**. Discover how **Digital Twins** are addressing these issues head-on, **transforming warehouse management**, and **optimizing operations**.

This insightful article delves into the latest trends driving the need for **smart warehouse systems**, explains the concept and architecture of Digital Twins, and explores their applicability in today's **high-demand warehousing environment**. Learn how these advanced digital models improve efficiency, agility, and overall business outcomes. Click through to understand how **Digital Twins can become the operational standard for warehouses** and how your business can navigate this digital transformation.

#### Deloitte Insights | ConsumerSignals – Automotive

**Clients** are at the beginning and end of everything, influencing what we do and why we do it. **ConsumerSignals** is an extensive, ongoing study that **monitors consumer spending patterns** and the **key factors driving them**, covering everything from groceries to vacations and vehicle purchases. Dive into our interactive data dashboard, unique consumer metrics, and detailed articles to stay updated on the latest trends in automotive and general consumer spending. To gain as much added value as possible from these consumer signals, remember to also use the **filter data button** to be able to see and compare individual geographies.

#### Central Europe CFO Survey - share with us your perspectives and views

Collecting opinions of CFOs in Central Europe!

The Deloitte Central Europe CFO Survey, **carried out annually since 2010**, has enabled about 600 Chief Financial Officers in the region to express their opinions. Its purpose is to provide insight into the issues at play and to present the mindset of finance leaders from across the region. We kindly ask all CFOs to take part in **CE CFO Survey**.

*Reports presenting the survey results will be published and shared in December 2024 and January 2025.*

For details, please contact **Pavel Kovář** e-mail [pkovar@deloittece.com](mailto:pkovar@deloittece.com), or **Milan Kulhánek**, email [mkulhanek@deloitte.com](mailto:mkulhanek@deloitte.com).

## Team



**Milan Kulháněk**

Partner, Central Europe  
Automotive Leader

Prague | Czech Republic  
[mkulhanek@deloittece.com](mailto:mkulhanek@deloittece.com)



**Pavel Kovář**

Manager, Technology & Transformation

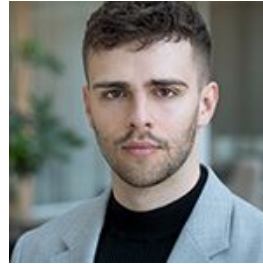
Prague | Czech Republic  
[pkovar@deloittece.com](mailto:pkovar@deloittece.com)



**Diana Hassmannová**

Central Europe Automotive  
Business Development - PMO

Prague | Czech Republic  
[dhassmannova@deloittece.com](mailto:dhassmannova@deloittece.com)



**David Krupa**

Consultant, Consulting

Prague | Czech Republic  
[dkrupa@deloittece.com](mailto:dkrupa@deloittece.com)