#### **INDUSTRY 4.0**

# **Expectations vs. the Reality**

**ABOUT DIGITAL TRANSFORMATION USING INDOOR TRACKING SERVICES** 

Ĵ

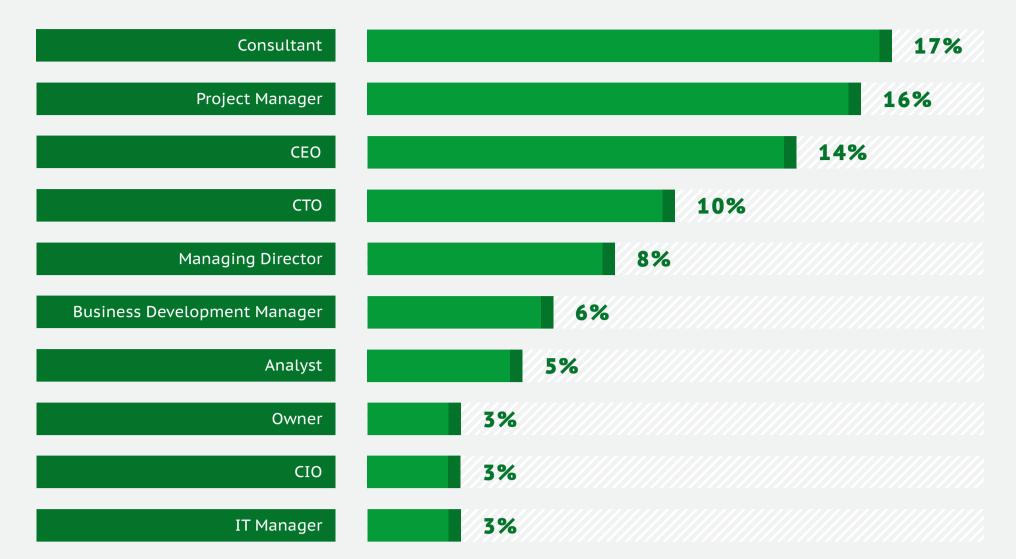
15%

15%

Ĵ

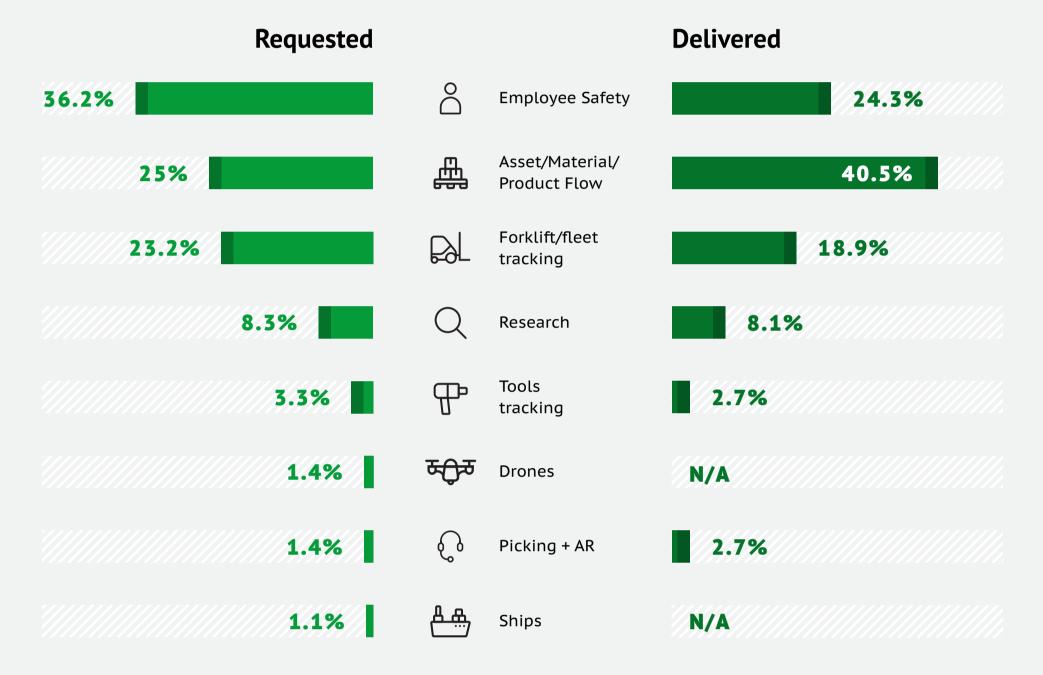
### Who in the company is driving industrial digital transformation?

These are the top 10 job titles of people kicking off the discussion about their digitalization project using indoor tracking services. How did we get this data? We collected all the email addresses of the people who have contacted us in the past three years and scraped these against LinkedIn to get and group their job titles.



#### What are the most common indoor tracking services requests? And what services are delivered in reality?

See which use cases are requested the most and compare them with the ratio of use cases really delivered. We have analyzed all the requests we have received in the past three years (the left graph indicates the percentage of use case requests) and summarized all the projects that have really been delivered (the right graph indicates the percentage of use cases delivered) to compare between what was requested and what really made it into the project.



#### Which use cases brings proven ROI within the industry sector?



Use Case: eKanban Industry: Automotive Delivered by: CEIT



**Use Case: Material Flow** Industry: Automotive Delivered by: IBCS Hungary



months payback period

50%

shorter lead time (from 6 hours to 3 hours) employee per shift saved for less routine work

15%

employees saved for less routine work



Use Case: Quality Management Industry: Manufacturing Delivered by: QUALIGON

Use Case: Fleet Tracking Industry: Automotive

Delivered by: CEIT

100%

of products with actual quality data and status updates

10%

less distance traveled attributed to optimized forklift navigation

47%

faster access to injured persons (on average)

increase of warehouse utilization

81%

less unauthorized access to zones

19%





Gugl

**51**)

location data (Z-axis)

20%

#### Use Case: Forklift Tracking Industry: Food/Beverages Delivered by: ICZ

increase of warehouse utilization

19%

better system uptime compared to RFID (UWB: 99% vs. RFID: 80%)



**Use Case: Material Flow** Industry: Cabling Delivered by: Mazny projects



months payback period



months deployment time



Use Case: Employee Safety Industry: Oil and Gas Delivered by: ConnectUs Services 10×

shorter completion of mustering (from 120 minutes to 12 minutes) second needed to deliver evacuation lists (from 8 minutes to 1 second)

## What's the usual timeline of indoor tracking digitalization projects?

