



## Sensordata wordt informatie

Go Digital – ontwikkel de kracht van uw gegevens



# SICK - Sensor Intelligence

**SICK**  
Sensor Intelligence.



Detectiesensoren



Afstandssensoren



Safety



Digitale diensten en oplossingen



Systeemoplossingen



LiDAR- en radarsensoren



Machine Vision en identificatie



Motion-Control-sensoren



Accessoires



Trainingen



Processensoren



Debietmeting



Analyzers



Netwerk- en aansluittechniek



Service

# SICK vestigingen



# SICK Nederland



LinkedIn profile card for Henk Oosterhuis. The header includes the LinkedIn logo, a search bar, and navigation icons for Home, My Network, and Jobs. The profile picture shows a man with glasses. The background banner features a collage of technology-related icons like a house, a server, a Wi-Fi signal, and an airplane. A QR code is visible on the right side of the banner.

**Henk Oosterhuis** ✓  
Product Manager at SICK  
Ede, Gelderland, Netherlands · [Contact info](#)  
[500+ connections](#)

# Go Digital – Ontwikkel de kracht van uw gegevens

**SICK**  
Sensor Intelligence.



Sensoren vormen de basis voor alle informatie die nodig is voor gegevensanalyse



OT en IT verbinden



End-to-end applicatie-knowhow

DE EXPERTS VAN SICK STAAN VOOR U  
KLAAR MET HUN  
AUTOMATISERINGSERVARING EN  
DIGITALE KNOWHOW

SICK is in staat om de end-to-end toepassingslogica over de gehele waardeketen te begrijpen en deze knowhow te vertalen naar productie- en procesinformatie op het gegevensniveau van de klant.



# Uitdagingen van onze klanten



## Magazijnvoorraden

Verbeter uw leveringsbetrouwbaarheid



## Installatiegebruik

Verhoog uw productiviteit



## Grondstoffen

Verlaag de productiekosten



## Performance

Verhoog prestaties en efficiëntie



## Onderhoud

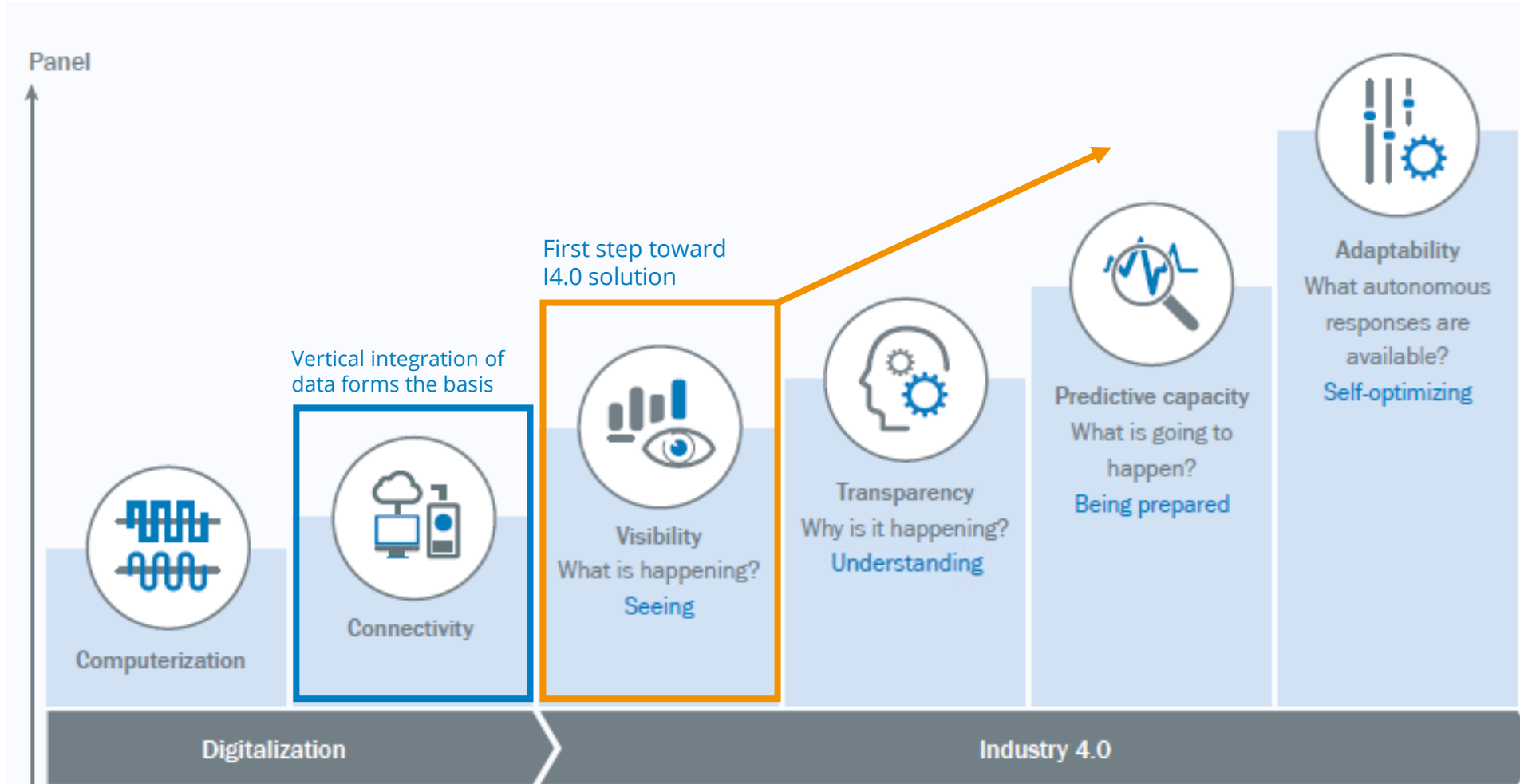
Optimaliseer uw onderhoud



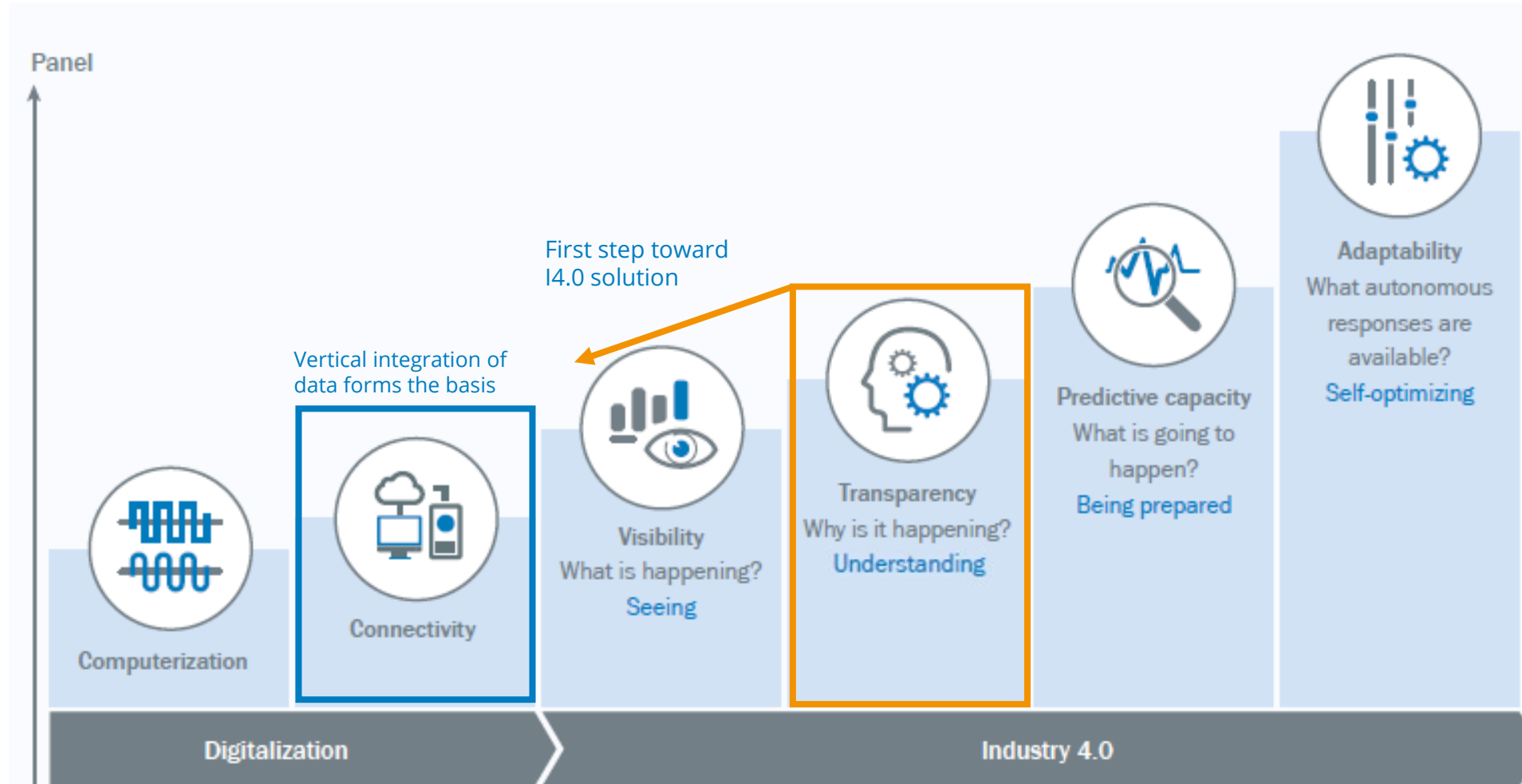
## Kwaliteit

Efficiënte informatieverwerking voor kwaliteitsverbetering

# Waar staan we: Industry 4.0 Maturity Index



# Waar staan we: Industry 4.0 Maturity Index

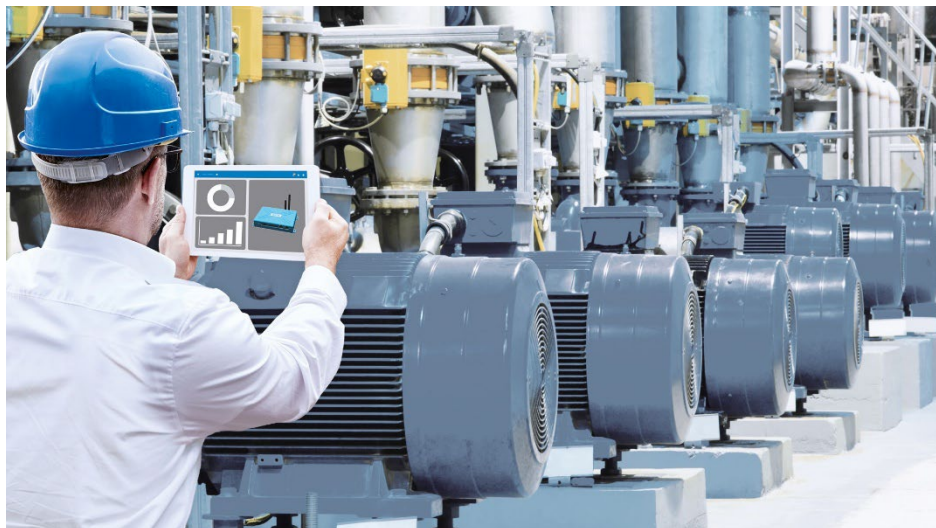




# Identificatie en traceren van tools

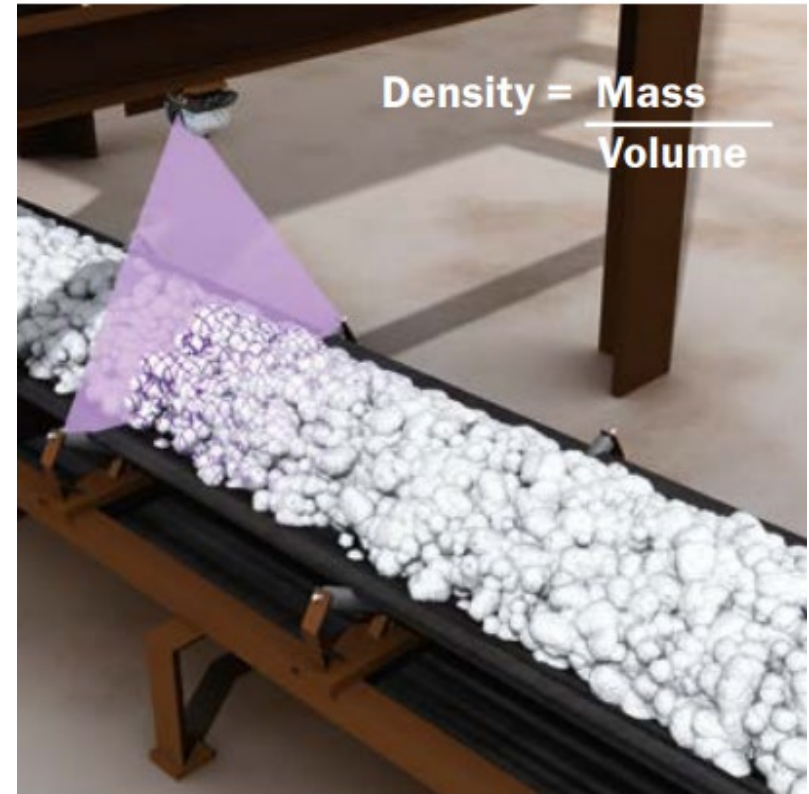
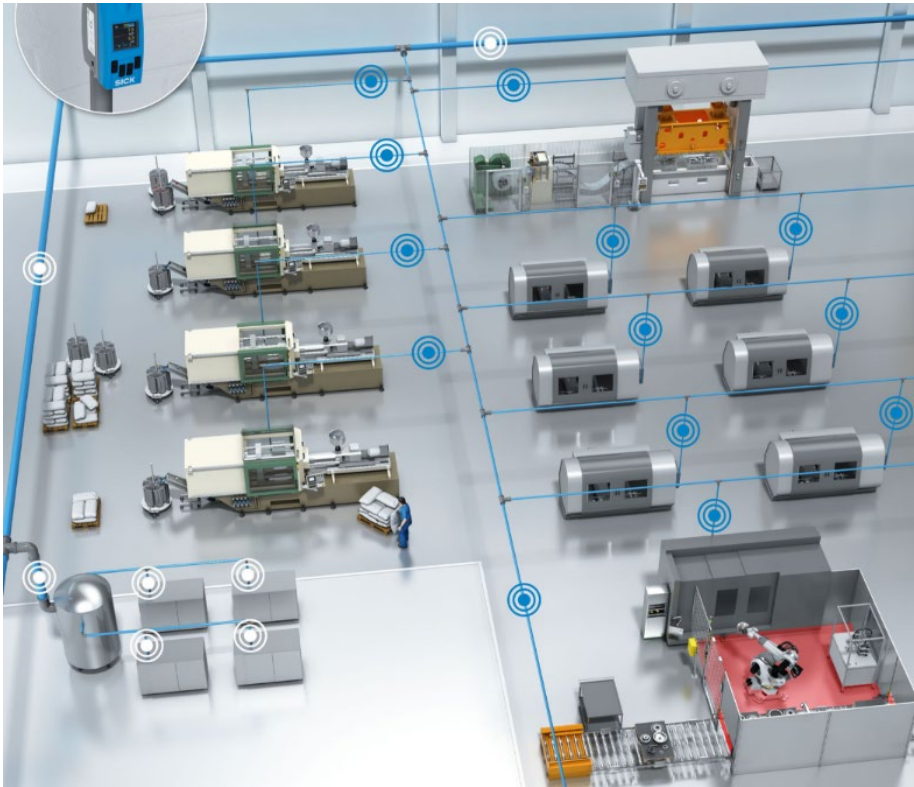


# Conditie monitoring van productiemiddelen





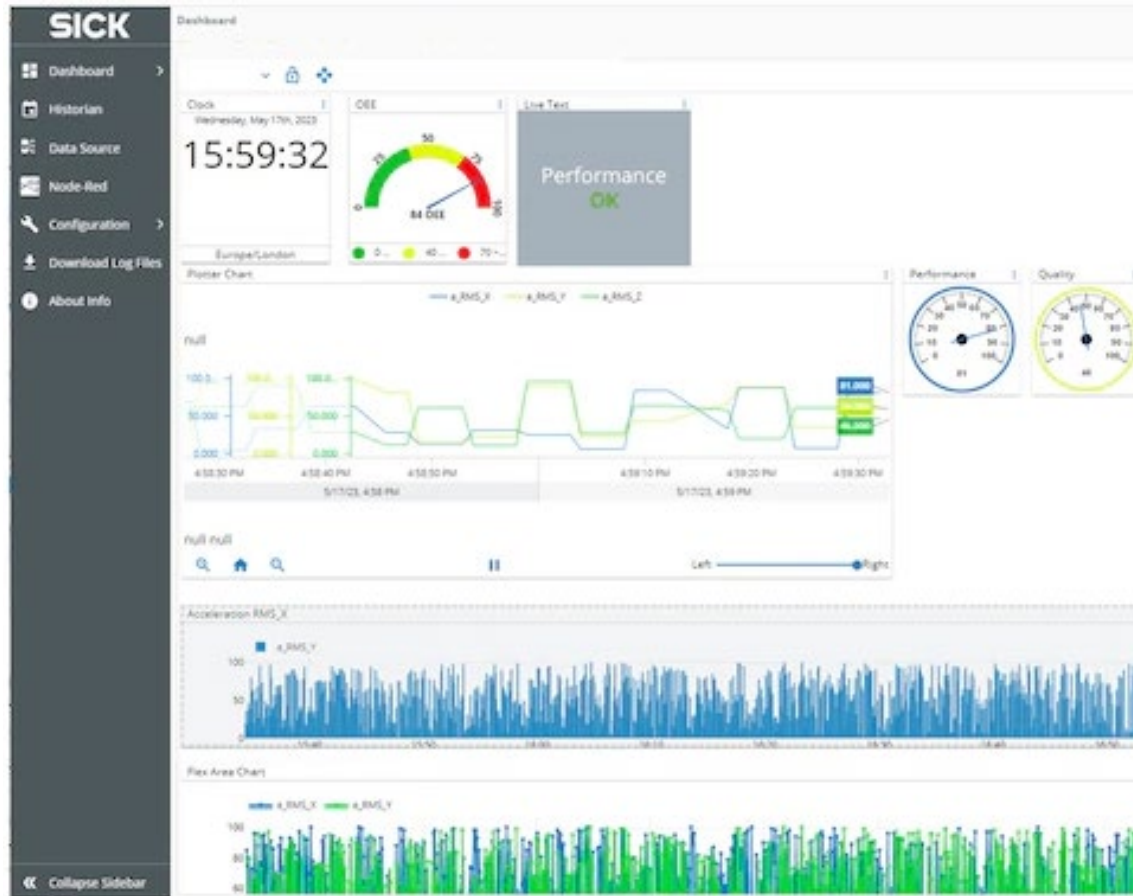
# Grondstof verbruik / material flow



Calculating the bulk density



# Proces performance



# Data collectie van producten

## QualityC

The screenshot displays the SICK QualityC software interface. At the top, it shows 'Intelligent Inspection' with status indicators for 'Configure', 'Run', 'Pass 415 ms', and 'No Issues'. The main window is titled 'AI Classification Caps' and features a central image of a 4x5 grid of colorful caps. Each cap is enclosed in a green bounding box with a corresponding color label (e.g., 'Yellow', 'Green', 'Blue', 'Orange', 'Grey'). To the right of the image is a control panel for the 'AI Classification Caps' tool, including a 'Dataset' section with 'Annotate images' and 'Export dataset' options, a list of classified colors (Blue, Green, Red) with their respective image counts, and a histogram showing the distribution of classification results. The histogram has a y-axis from 0 to 3,000 and an x-axis from 300 to 1,100. Below the histogram, there are 'Results' and 'Execution time' (16 ms) sections.



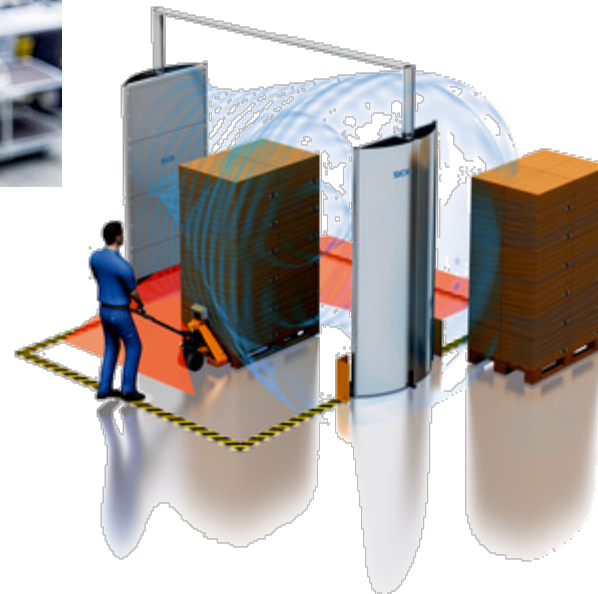


# Conditie van goederen

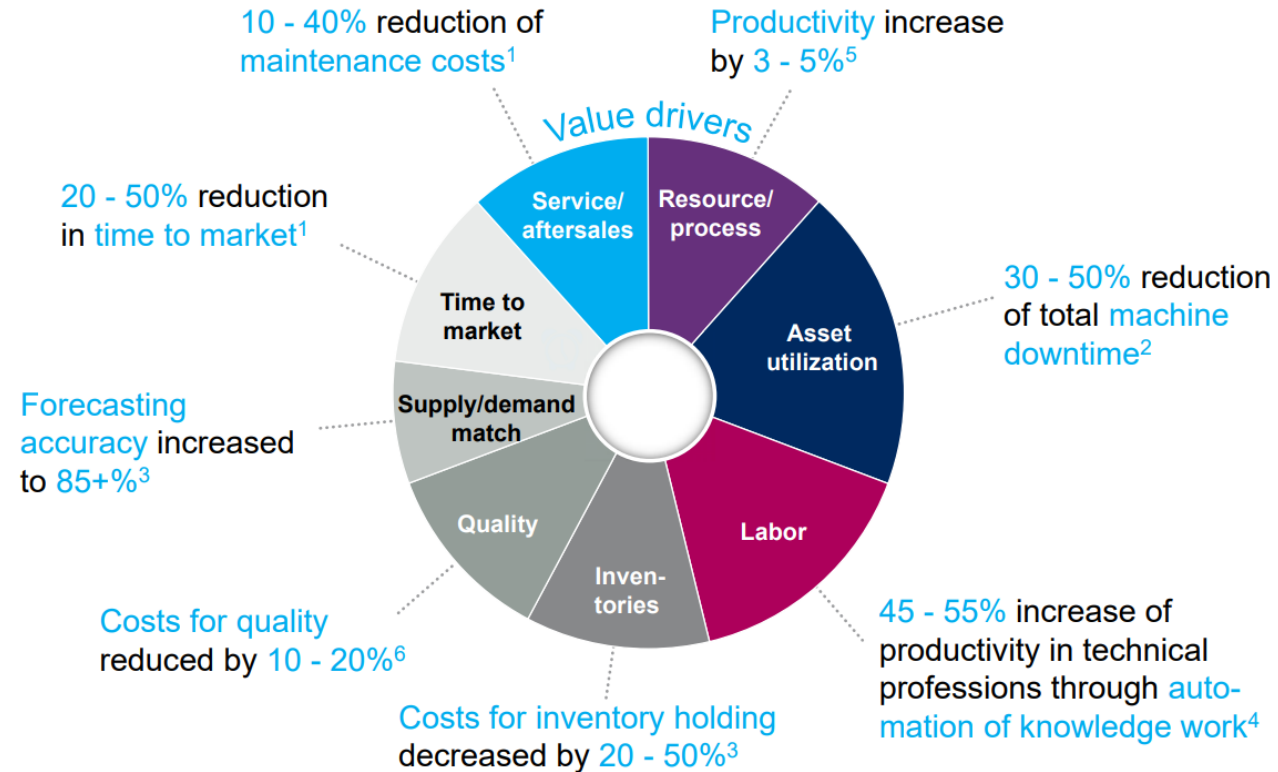




# Locaties van goederen en producten

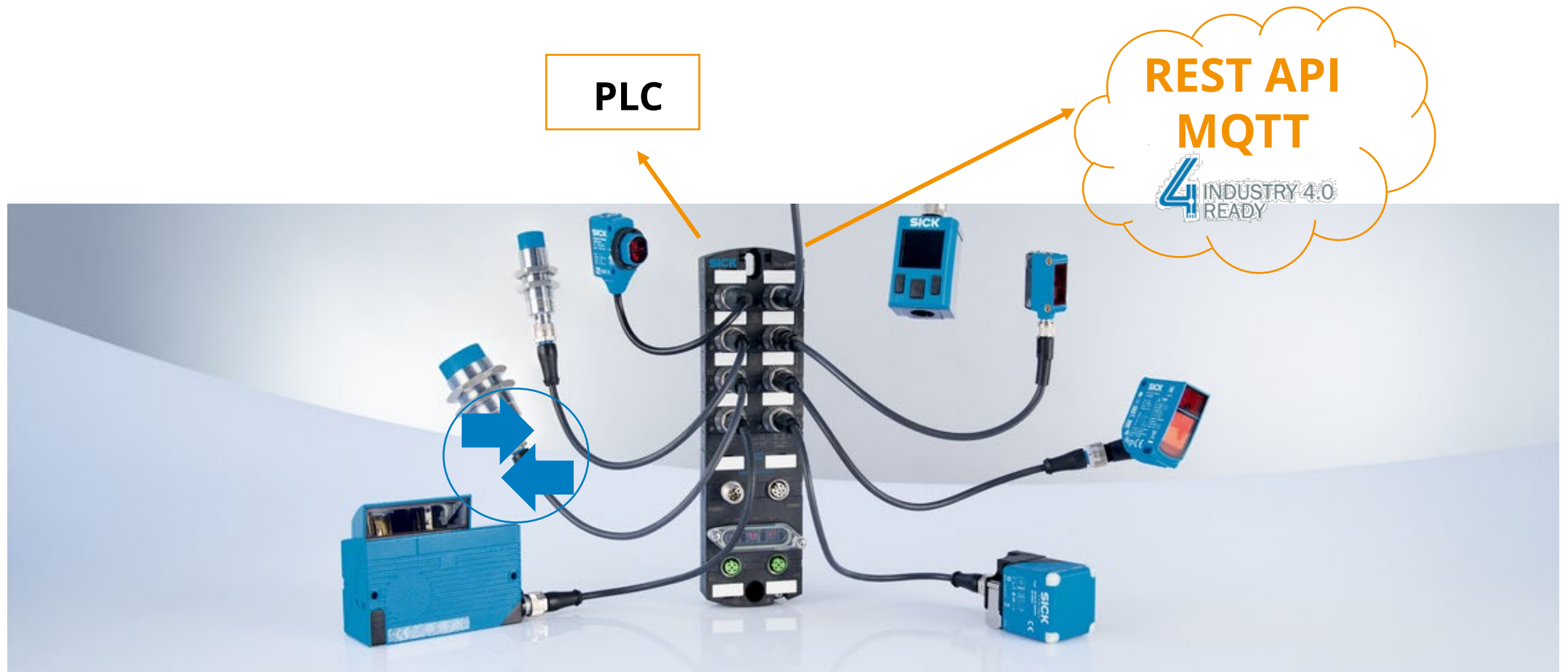


# Business value drivers – indicatieve kwantificatie



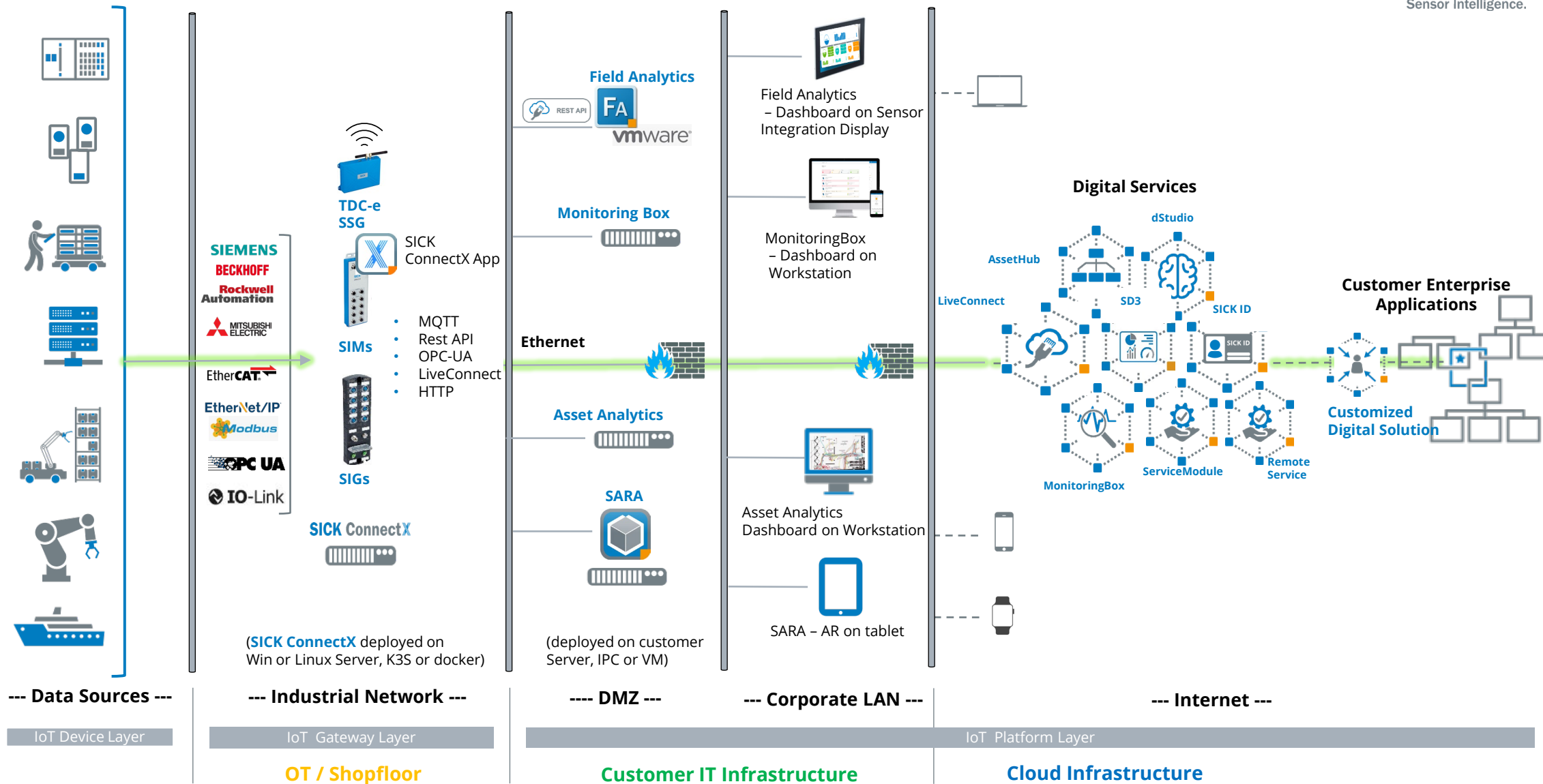
1 Cf. McKinsey Global Institute: Big data: The next frontier for innovation, competition, and productivity  
2 McKinsey analysis  
3 McKinsey analysis  
4 Cf. McKinsey Global Institute: Disruptive Technologies  
5 See, for example, ABB case study  
6 Cf. T. Bauernhansl, M. ten Hompel, B. Vogel-Heuser (Hrsg.): Industrie 4.0 in Produktion/Automatisierung/Logistik (2014)  
SOURCE: McKinsey

# Dual channel voor besturing en analyse





# Standaard topologie data integraties



# Plug and play monitoring oplossingen



Instant inzicht in de conditie van:

**Motorvibraties**

**Air flows**

**Gas analysers**

**Scanners**

# SICK Augmented Reality Agent

Helps understanding the application

Uncovers the invisible  
**Industry 4.0 for your pocket**

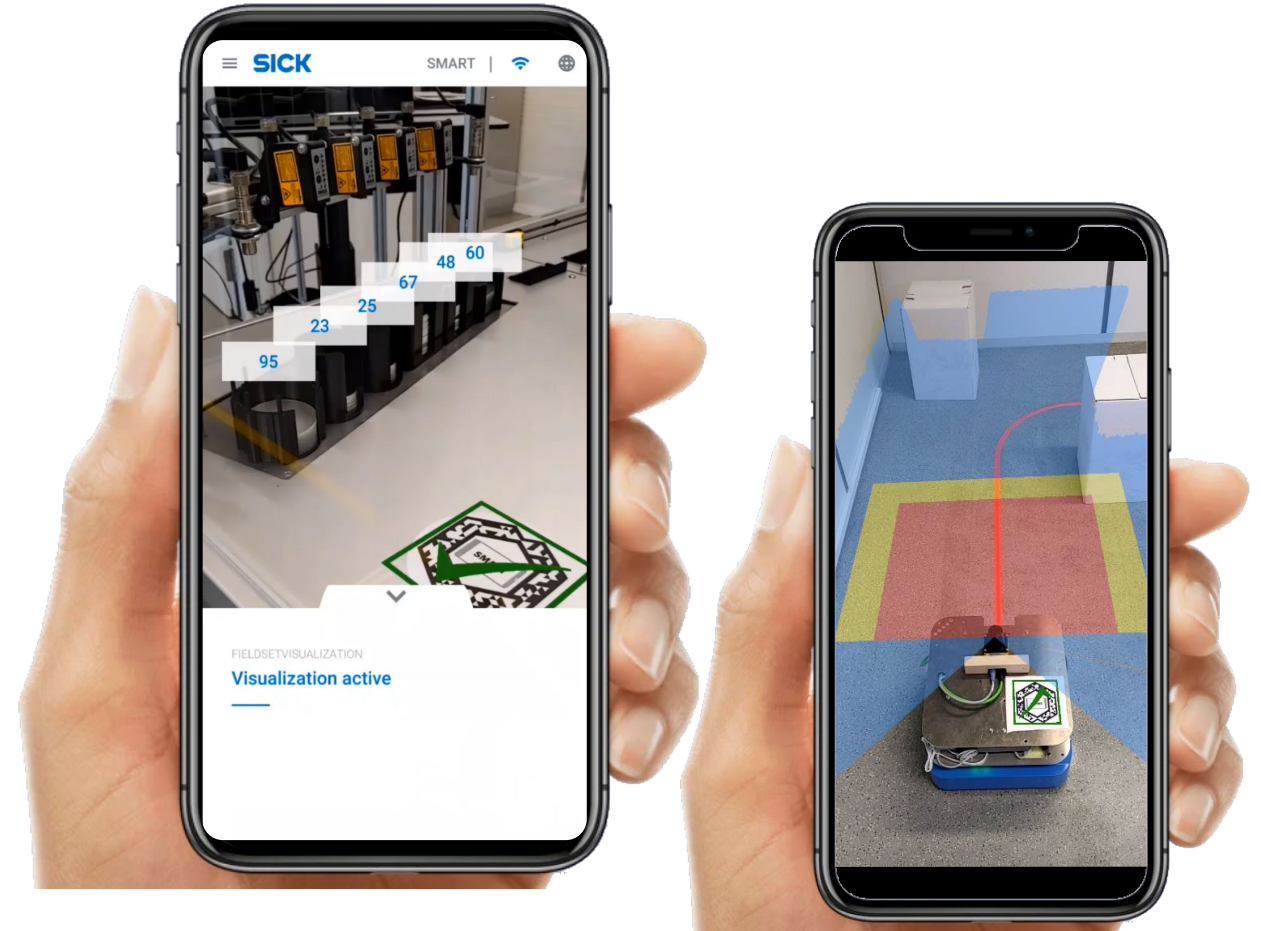
Makes data tangible



Makes the world more transparent  
**Turns data to information**

AR Diagnose-App

Unforgettable experience







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**Meer weten?**

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of kijk op [www.sick.nl](http://www.sick.nl)