

With a Smart Data Fabric to the Smart Factory

Without data, you're only guessing AI in production



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Industry 4.0, Smart Factory, IIoT...

Just buzzwords?



How many networked production facilities are there?



The sobering result

32%

Connected production facilities



Other noteworthy statements of the decision-makers

Data protection and compliance

53%

Security concerns with OT and IT integration

50%

Non-existent tools and/or data platforms

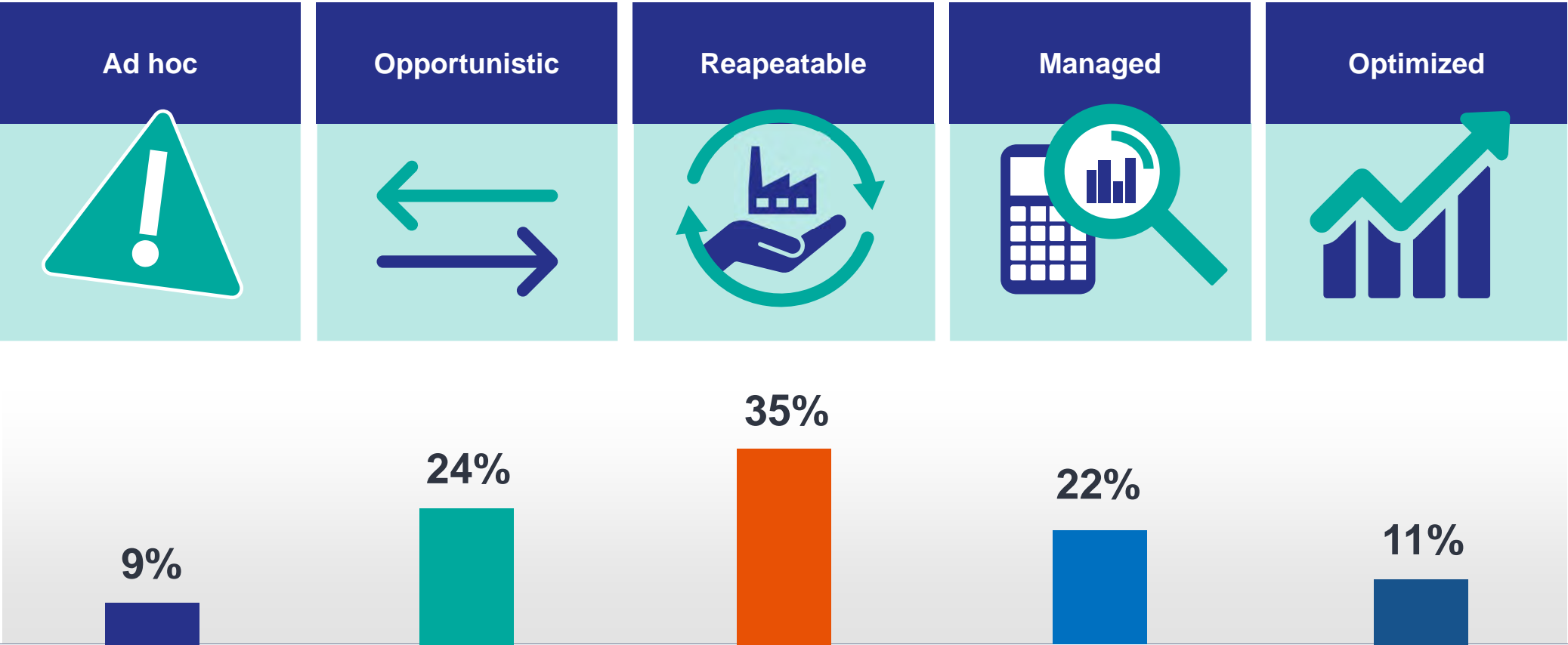
41%

Connected production facilities

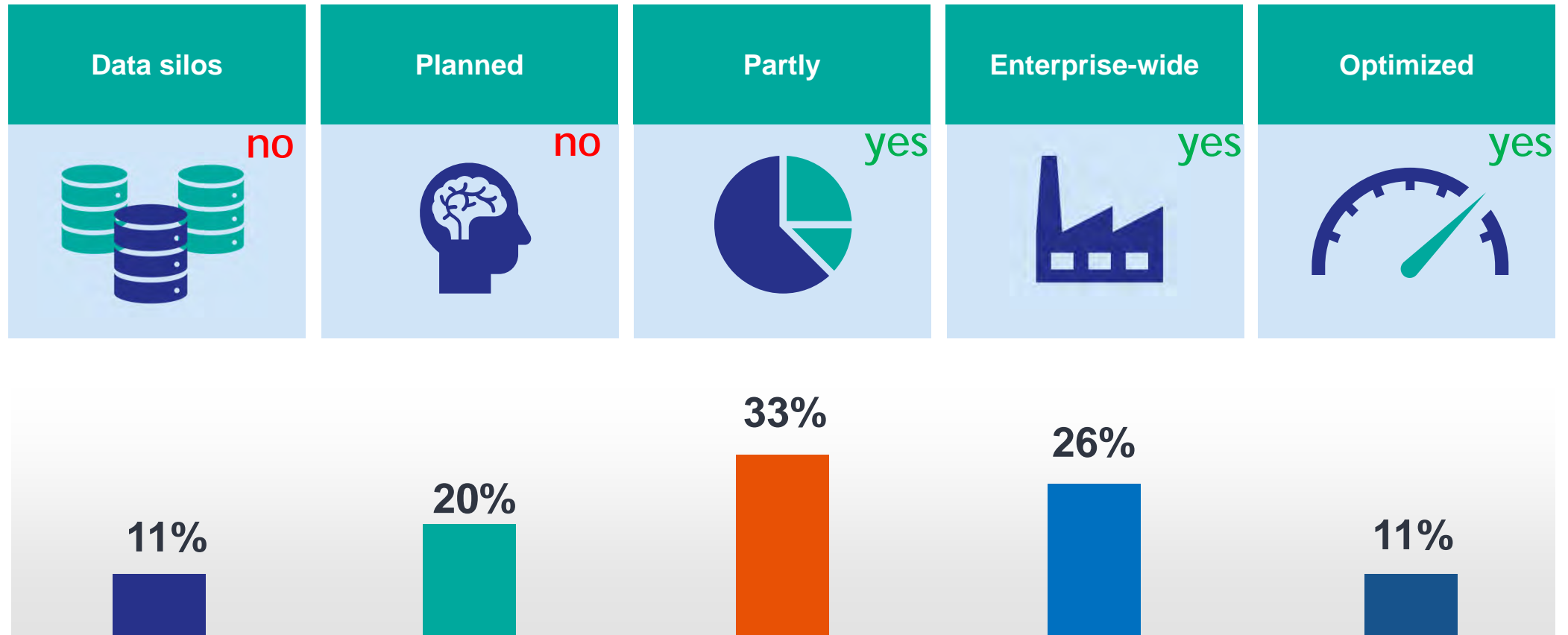
32%



Digital maturity of factory operations



Digital maturity of data management strategies



What are the benefits?

+10%

OEE

-10%

Costs



AI use cases

Anomaly detection, Digital twin
Autonomous transportation vehicles

Automated resequencing of assembly...
Virtual commissioning



Augmented Reality

Remote management of production assets

Predictive Maintenance



Advanced production planning

Real-time collaboration with suppliers

Continuous monitoring of production assets



AI capabilities



Amount and verity
of data

Investment plans in AI use cases

Anomaly detection, Digital twin	70 %
Autonomous transportation vehicles	
Automated resequencing of assembly...	77 %
Virtual commissioning	73 %
Augmented Reality	74 %
Remote management of production assets	86 %
Predictive Maintenance	95 %
Advanced production planning	96 %
Real-time collaboration with suppliers	88 %
Continuous monitoring of production assets	93 %



AI capabilities



**Amount and verity
of data**

What impedes the application of AI use cases?

Lack of expertise and resources

59%

Too many decision makers

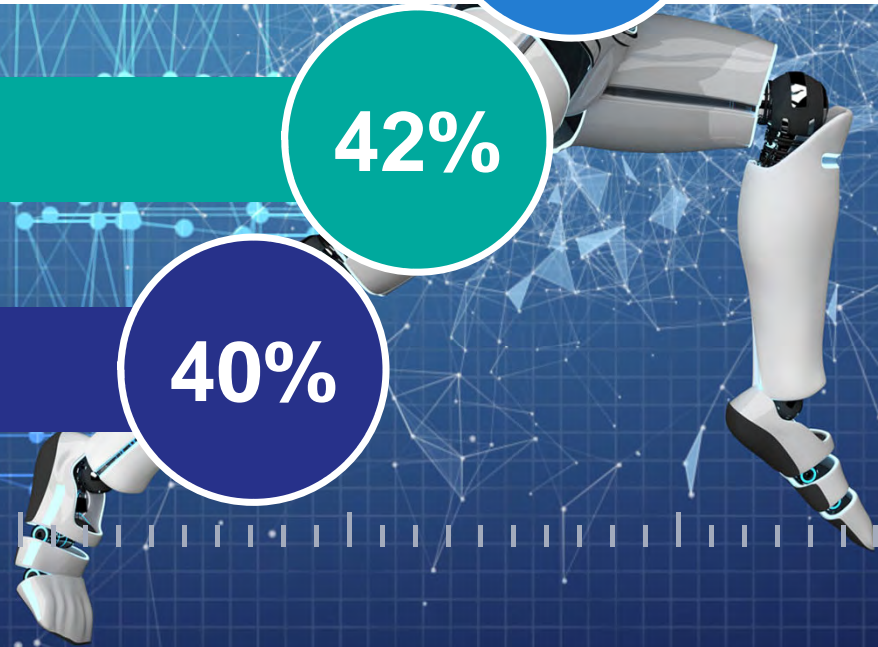
45%

Lack of coordination between IT and OT

42%

No consistent data governance

40%

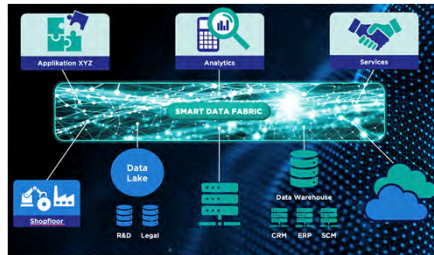


What is important for a more successful access to AI?

Trust



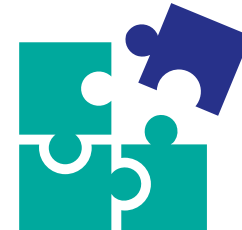
Smart Data Fabric



Start small



External partner



”

The secret of success is just to start

“

Mark Twain



**Interested to learn more?
I will be happy to answer your questions.
See me in the chat or connect with me at a later time.**

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Thank you!



Investment completed in specific AI use cases

Anomaly detection	5 %
Digital twin	4 %
Autonomous transportation vehicles	12 %
Automated resequencing of assembly...	17 %
Virtual commissioning	6 %
Augmented Reality	9 %
Remote management of production assets	13 %
Predictive Maintenance	19 %
Advanced production planning	20 %
Real-time collaboration with suppliers	18 %
Continuous monitoring of production assets	20 %



AI capabilities



Amount and verity
of data