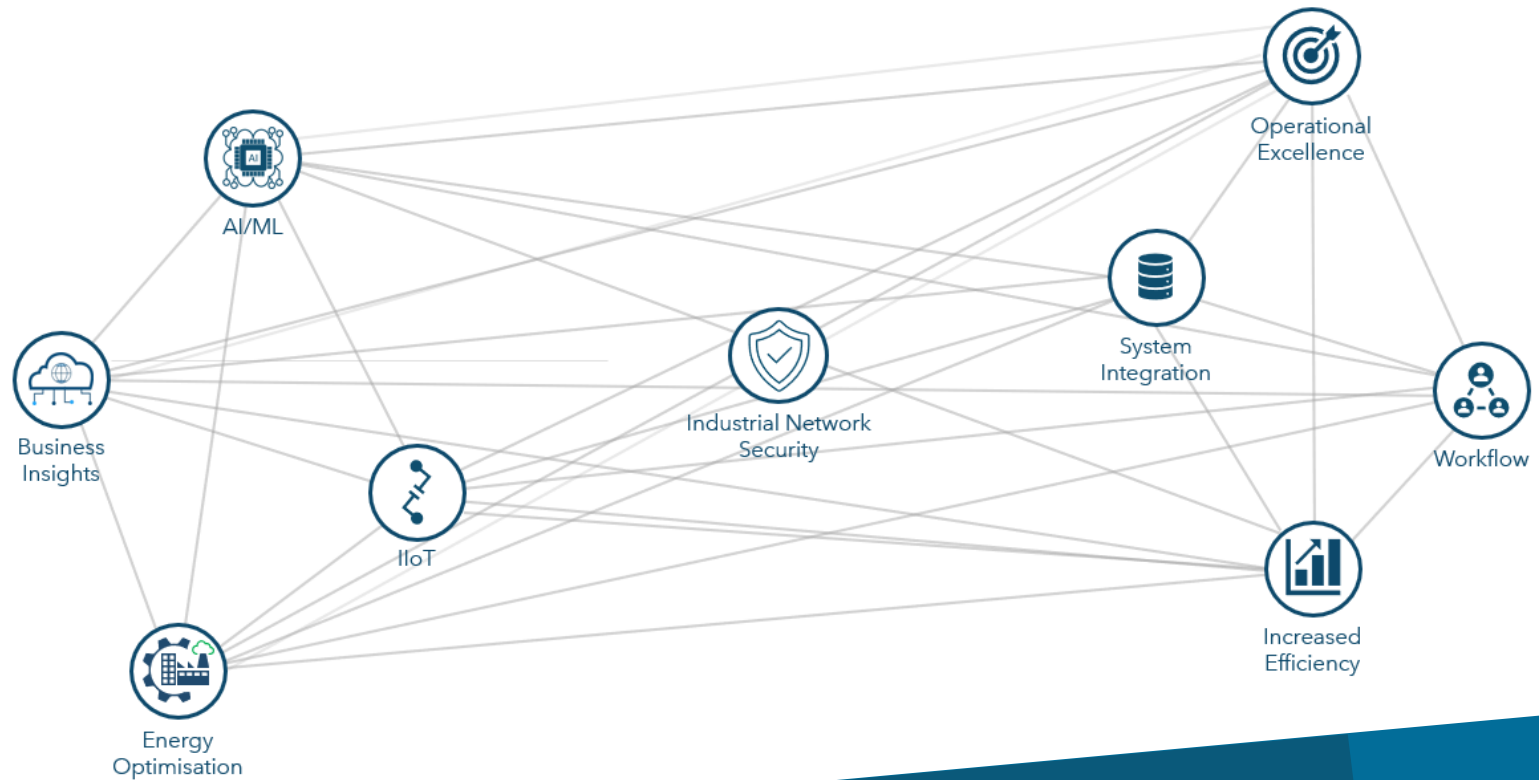


SMARTFACTORY

EFFICIENCY THROUGH INNOVATION



**Adding Value
to
Digital Transformation**

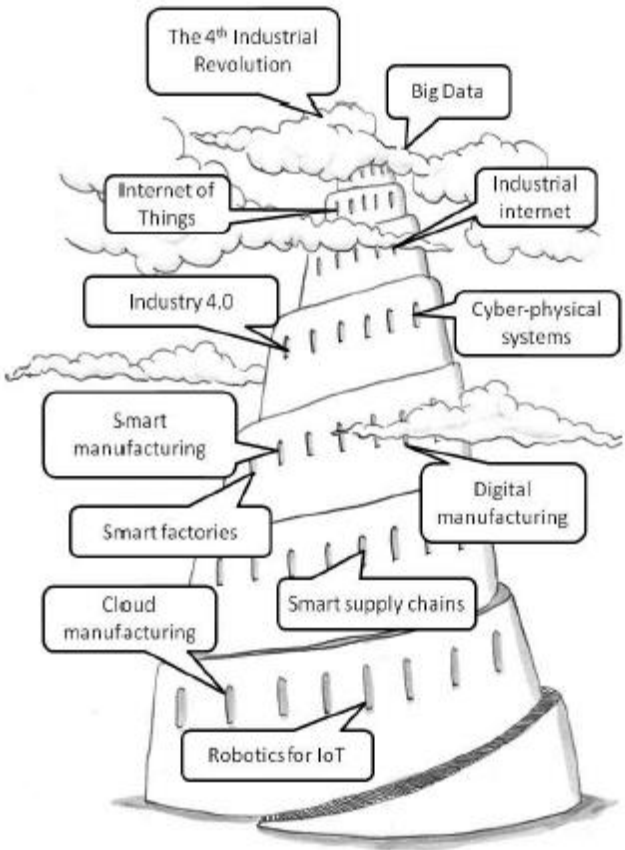
Many manufacturing companies are struggling on their Digital Transformation Journey.....

SMARTFACTORY

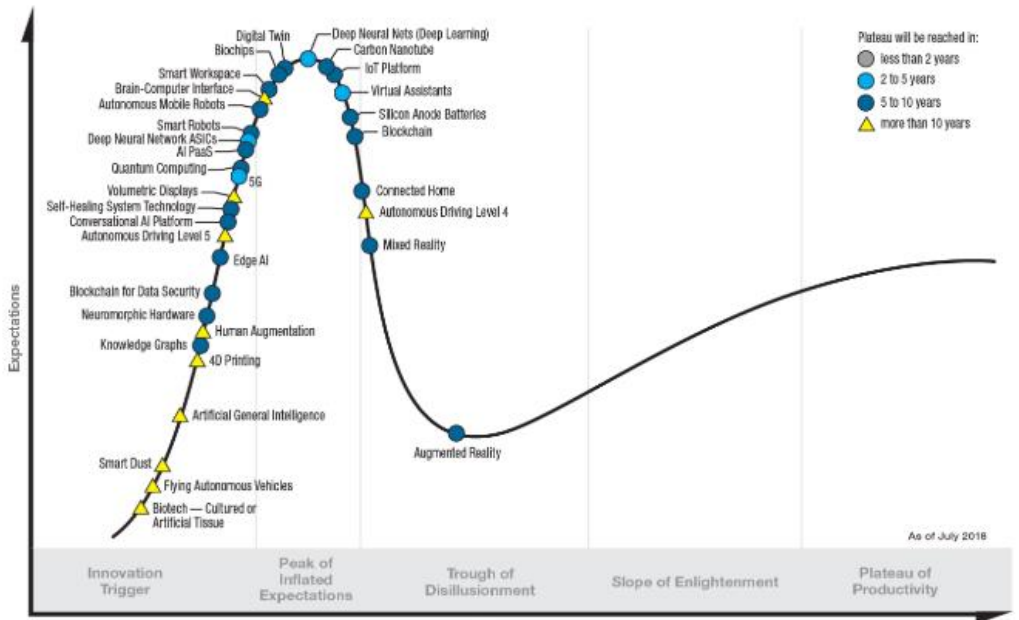
EFFICIENCY THROUGH INNOVATION



Q. What is Digital Transformation?



Gartner



Gartner Hype Cycle for Emerging Technologies

Smart Manufacturing Tower of Babel

 **Confusion!**

A. In simple terms Digital Transformation is:



- Getting people away from paper and spreadsheets
- Fully inter-connected, machines, factories and supply chains
- Real-time actionable data to optimise operational performance
- Continuous improvement through the use of data analytics
- Stronger links between design and manufacturing
- More sustainable use of resources

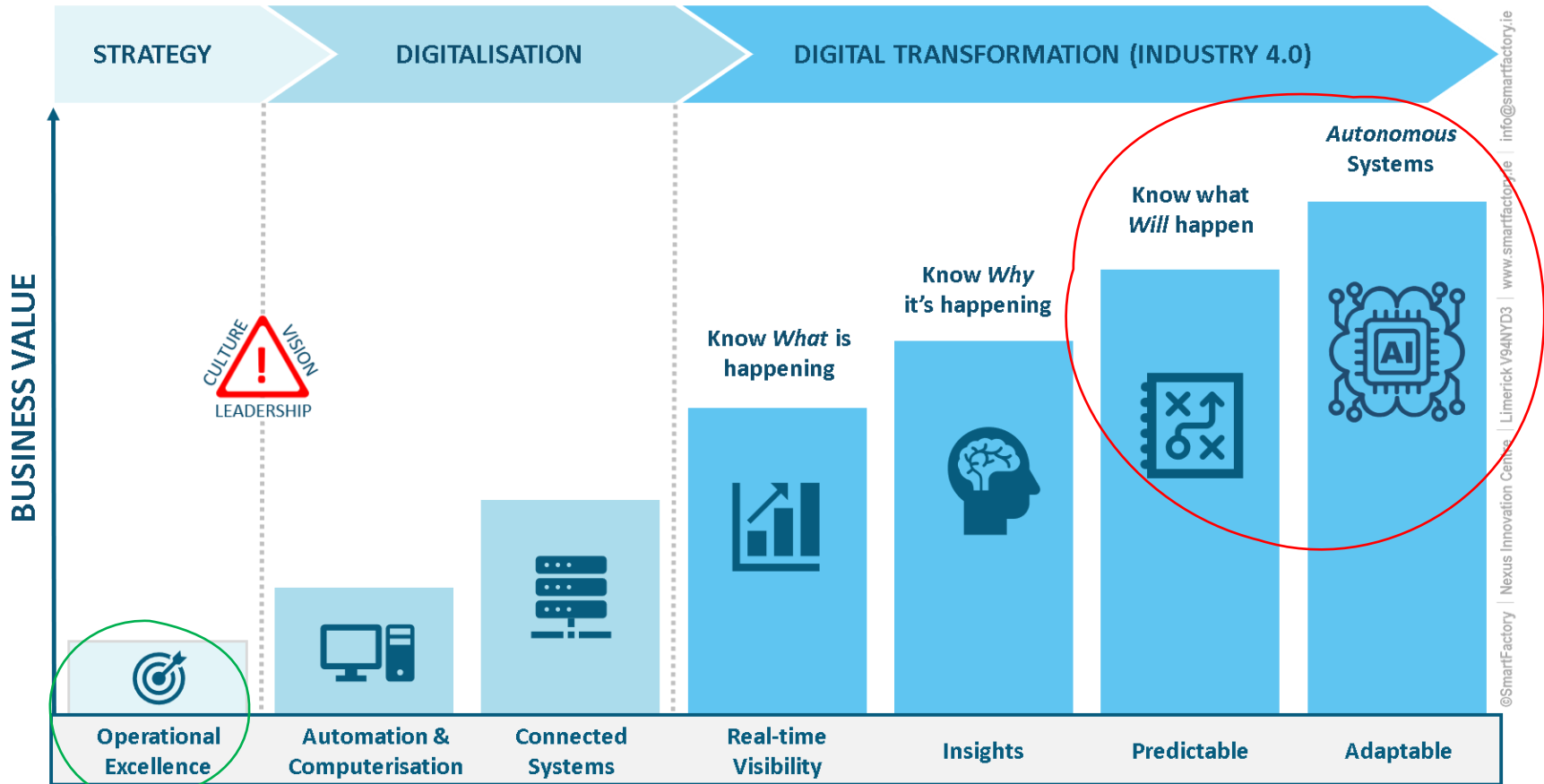
Why is it important:

Drive Manufacturing **Competitiveness** with better:

- Efficiency
- Quality
- Flexibility and Agility
- Reduction in Defects
- Faster New Product Development

*“Lack of Real-Time **Data-Based** Decision Making Costing Companies 10-30% per annum”*

Digital Transformation Maturity Model

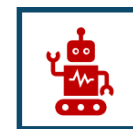


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Adopted from the Industrie 4.0 Development Path by RWTH Aachen University

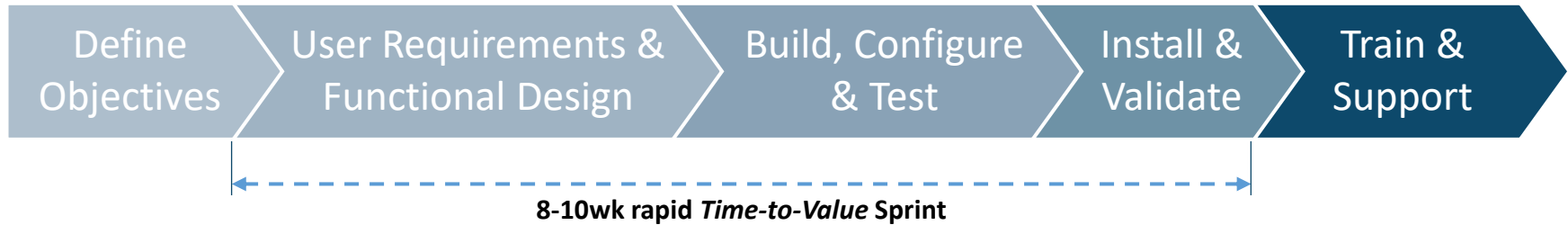
It starts with **Leadership** and **Culture**:

- What problems you are trying to solve
- Vision of the **business value** you will create
- Is your organisation ready for the changes



STRATEGY **BEFORE** TECHNOLOGY

Standardised execution strategy:



Phase I

Phase II

Phase III

Business*
needs analysis
Benchmark
solutions

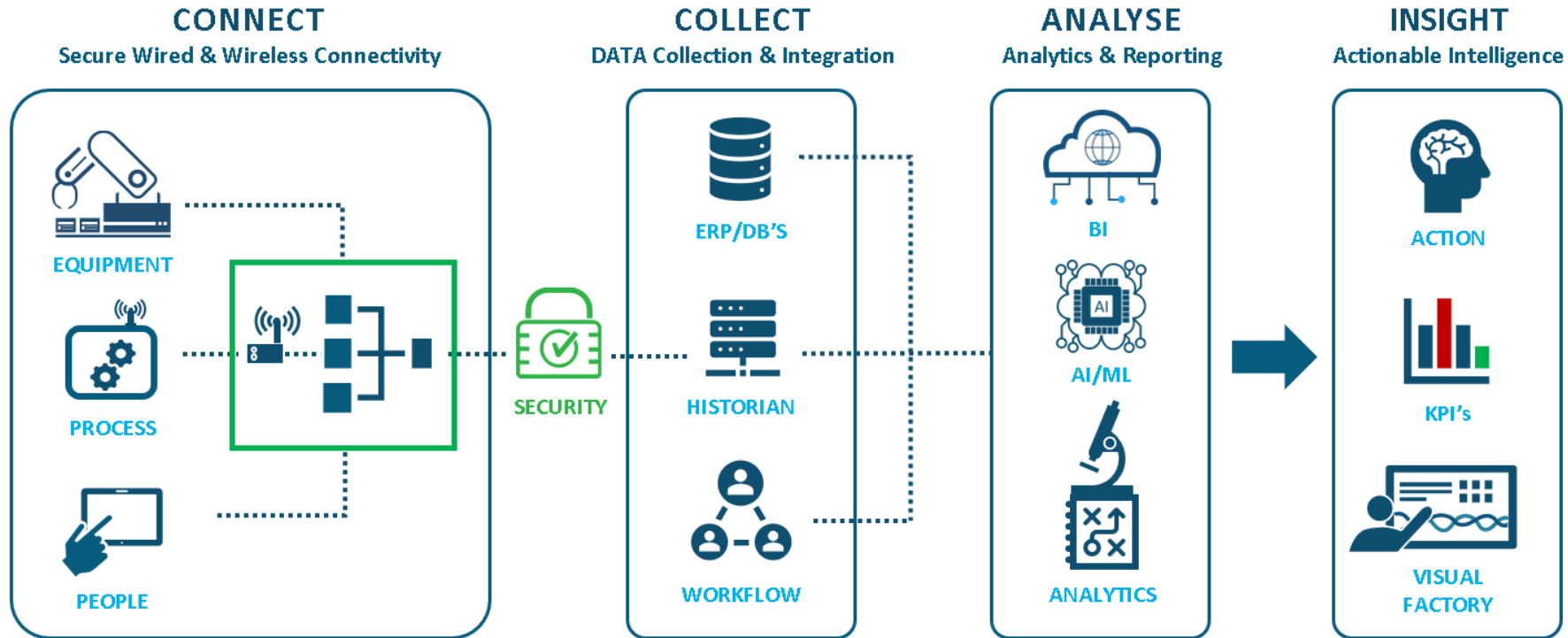
Develop User Requirements (URS & FDS), including
network architecture and connectivity**
Configure hardware and software
Prepare validation documentation
Commission hardware and software (on-site/remote)
inc. SAT, IQ/OQ, etc.

End-user
training
Hyper-care
and on-going
support

* Proprietary *User Requirement Generator*

** Standardised system architecture

Smart Manufacturing Platform



- Industry Proven Architecture
- Secure PLC Connectivity
- Manual Reason Entry
- Visual Factory
- Data Analytics with AI/ML

- Digital Workflows
- Condition Monitoring
- Energy Monitoring
- Real-time Locating System
- On-premise or On-cloud

Company Overview

We understand manufacturing:

SmartFactory is led by a strong experienced team of engineers, with more than 25 years of experience in the manufacture of FMCG's, Medical Devices and Electronics.

Modular & Scalable:

The modular solution includes:

- OOE/Downtime Analysis ✓
- Data Analytics/AI ✓
- Condition Monitoring ✓
- Pick-to-Light ✓
- Data Visualisation ✓
- Digital Workflows ✓
- Real-Time Locating ✓
- Energy Monitoring ✓

The SmartFactory team can provide an end-to-end solution including IIoT readiness assessment, business value and RoI appraisal, design, engineering consultancy and industry-proven hardware.



Operational Excellence Platform,
designed for
Digital Transformation

Headquarters

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“We have seen an unprecedented improvement in output and the product builders are working very hard to keep the lights green and hit the targets”

Senior Continuous Improvement Engineer – Irl.

“The SmartFactory data collection initiative is the best I have seen, in all my time in finance”

Senior Finance Executive visiting the Irish manufacturing site

UK Office

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World-class partners:

