Industry 4.0 Maturity Model
“Helping companies drive competitive advantage”
What is Industry 4.0?

Fundamentally:

Turning data from your equipment into real-time information to make decisions and improve your processes (manual or automated).
Industry 4.0 Maturity Model

- Defines key attributes for Industry 4.0 success
- Clear stages of maturity that help you move forward
- Allows comparison between lines, plants or companies
- Built on 8+ years of practical experience
6 Categories, 28 Characteristics

**Technology**
- Everything Connected
- Internet of Things (IoT)
- Augmented Reality
- Virtual Reality

**Leadership & People**
- Governance
- Strategy
- Change Management
- Talent

**Supply Chain**
- Just in time Maintenance parts
- Just in time Raw Materials
- Dynamic Supply Chain

**Data & Information**
- Collect it
- Use it
- Integrate it
- Add Context

**Operational Excellence**
- OEE
- Availability / Downtime
- Performance
- Quality
- Process Improvement
- Digital Modelling

**Manufacturing**
- Automation
- Robotics
- Advanced Automation
- Maintenance
- Safety

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4 Levels of Maturity

• The model consists of 6 categories and 28 characteristics
• For each characteristic four levels of maturity are described
• Each level provides direction as to how to increase your maturity
Industry 4.0 Virtuous Circle

- Many aspects of Industry 4.0 maturity are interconnected
- We partner with you to help you understand the “right levers to pull” to make the most impact

**Investment in Manufacturing Efficiency & Technology**
(incl. Automation, Advanced Manufacturing, Robotics, Connected Systems, IIoT etc)

**Increased Profitability**

**Operational Excellence**

**Better Decisions**

**Data & Information**

**05**
- Strategy
- Governance
- Change Management

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Example Diagram of Results
Example Detailed Diagram
Example Distribution of Results

Leadership & People

- People Development: 2 Entry, 8 Basic, 3 Intermediate, 3 Advanced
- Getting the right Talent: 1 Entry, 9 Basic, 3 Intermediate, 3 Advanced
- Collaboration: 4 Entry, 6 Basic, 3 Intermediate, 3 Advanced
- Openness to Change: 2 Entry, 2 Basic, 9 Intermediate, 3 Advanced
- Strategy: 2 Entry, 3 Basic, 5 Intermediate, 4 Advanced
- Governance & Leadership: 2 Entry, 1 Basic, 9 Intermediate, 2 Advanced
What is included?

• License to use the “The DUNELM Industry 4.0 Maturity Model©” for one or more plants (see pricing)
  o Our considerable experience distilled into a simple to use maturity model
  o Covers all aspects of Industry 4.0 from Strategy to Technology
  o Allows simple comparison of lines, plants or companies by category or characteristic
  o Provides direction to drive increased maturity

• We believe in partnering with our customers to ensure success, which is why we include 10 hours of consultancy with our Industry 4.0 Maturity Model

• This guidance and direction will:
  o Help you understand and benefit from the model faster
  o Take advantage of our 8+ years of experience in driving Industry 4.0 and Operational Intelligence
  o Minimize missteps and gain value quickly
  o Assist with the interpretation of results and identify potential next steps

• Our consulting will ensure you get the most from the model
Useful Links

• Articles / Webinars
  – Excellence in Manufacturing Consortium (webinar)
  – TechImpact Podcast on Industry 4.0
  – Economic Development Journal Article

• Blogs
  – Industry 4.0 Blog
  – IT Leadership and Change Management
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