

SITUER ET MESURER VOTRE TRANSITION VERS LE 4.0

APN INC.

par Yves Proteau

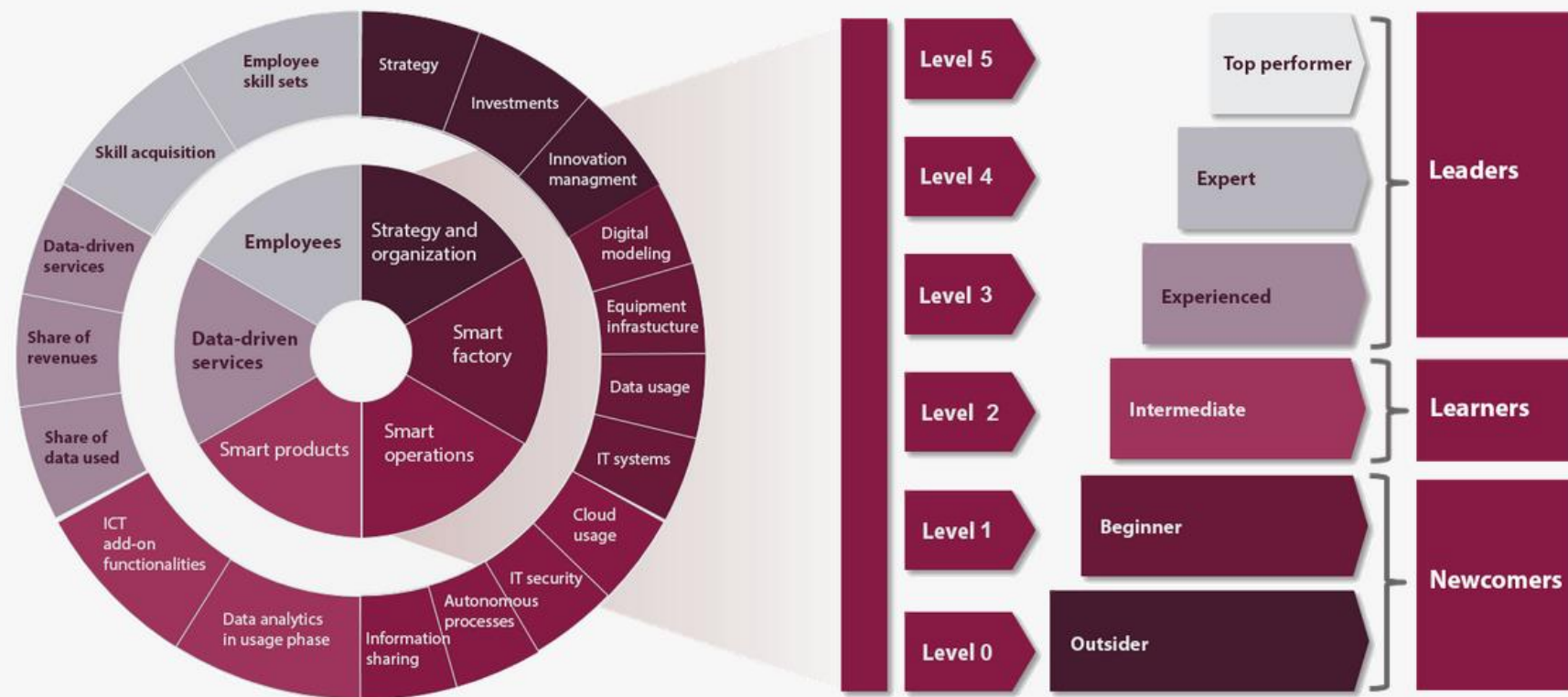


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L'EXPÉRIENCE DU NUMÉRIQUE

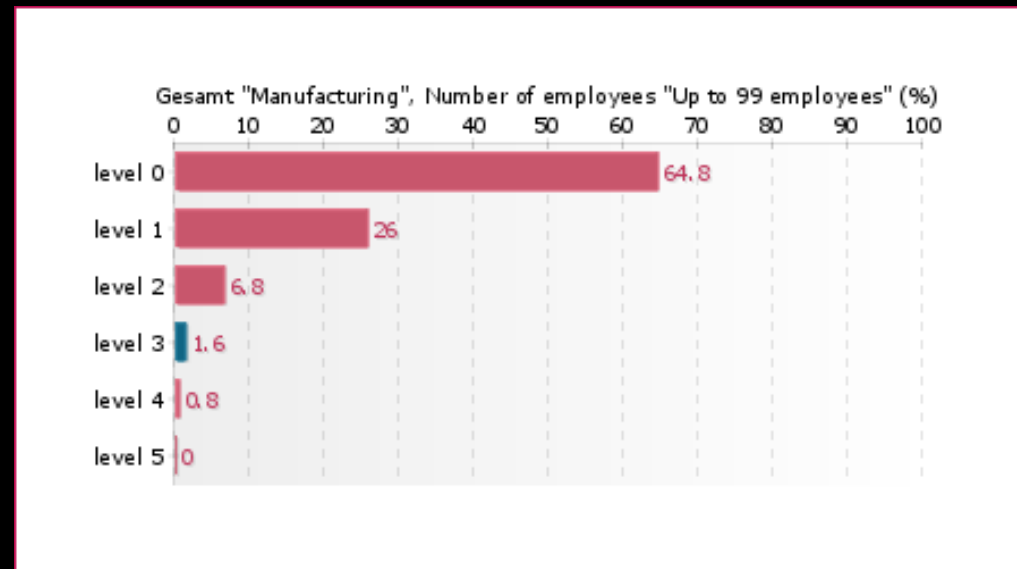
Where does your business stand? Check your readiness for Industry 4.0!

This self-check lets you calculate your very own Industry 4.0 scorecard. Find out where you are already well prepared for Industry 4.0 and where you still have room for improvement.



The Readiness Model is the foundation for a self-assessment and comparison. The Online Self-Check developed for this purpose gives companies the ability to check their own Industry 4.0 readiness.

- Comparison group "Manufacturing", Number of employees "Up to 99 employees"
- Overall comparison
- Your company has reached in the overall
- Assessment level 3. In your comparison
- Group, 1.6% of companies also reached this
- Level (see chart).





TÉLÉPHONIE VOIP
INFRASTRUCTURE
INFORMATIQUE DE CLASSE
MONDIALE



Production Management & Automation System

Machinery

5-Axis Milling (SIEMENS 840D)

- Alarms
- BLUM Laser Tool Measurements
- Probed Measurements
- Tool Offsets (set & get)
- Tool Life Management
- WPC Coordinates (set & get)
- Machining Times & Part Counts

Turning (FANUC 18i-TB & 30i-A)

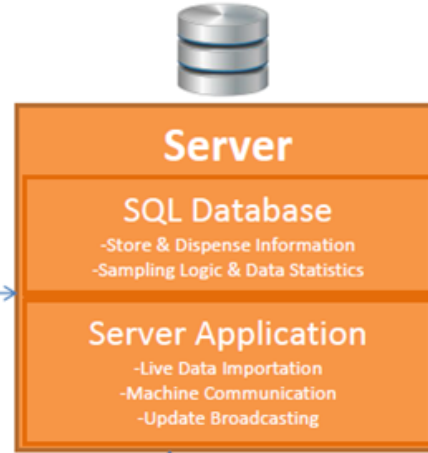
- Alarms
- Tool Offsets (set & get)
- WPC Coordinates (set & get)
- Tool Load Values
- Tool Offsets
- Tool Life Management

Grinding (COMBITEC ACS400 & FANUC 31i-A)

- Alarms
- Tool Offsets (get)
- Probe Measurements
- Program Start/Stop/Change

CMM (ZEISS & MITUTOYO)

- Measurement Reports



Users

Machinist

- Enter Measurements
- Complete Tasks
- Monitor Process Variables & Machine
- See Associations for Available Data
- Get Information from Previous Projects
- Process Control Allows for Increase in Stability & Decrease in Required Inspection
- Receive Targeted Notifications
- Add process information

Programmer

- Define Projects, Characteristics, Programs, Tools, & Entity Associations
- Lookup Database of Old Projects for Tools, Speeds & Feeds for Specific Features and Materials

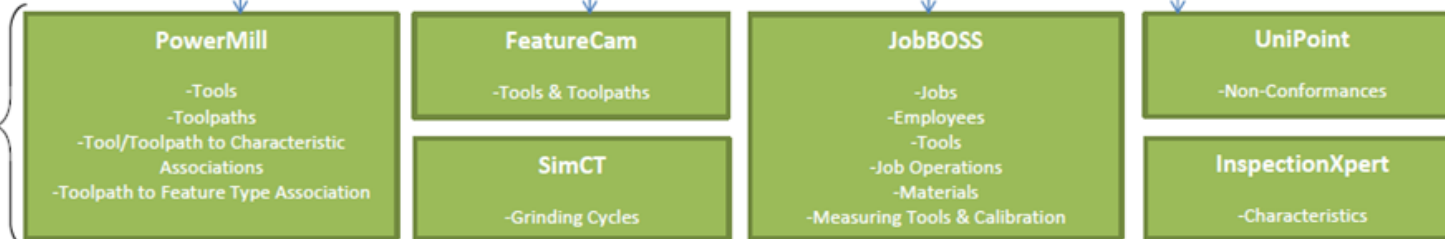
Quality

- Monitor Incoming CMM Load and Current Jobs
- View, Handle, and Search Non-Conformities and Counter-Validations
- Generate Process Reports

Floor Supervisor

- Alerted of Higher Importance Events
- Easily Monitor All Running Jobs and Machines
- Predictive Process Statuses
- Quickly Diagnose Problems
- Correctly Assign Jobs Based on Risk

Existing Software









INDUSTRIE

**Les défis
de la transformation
numérique
du modèle industriel
allemand**

Dorothee Kohler
Jean-Daniel Weisz

4.0

 La
documentation
Française

Yuval Noah Harari

New York Times Bestselling

Author of *Sapiens*



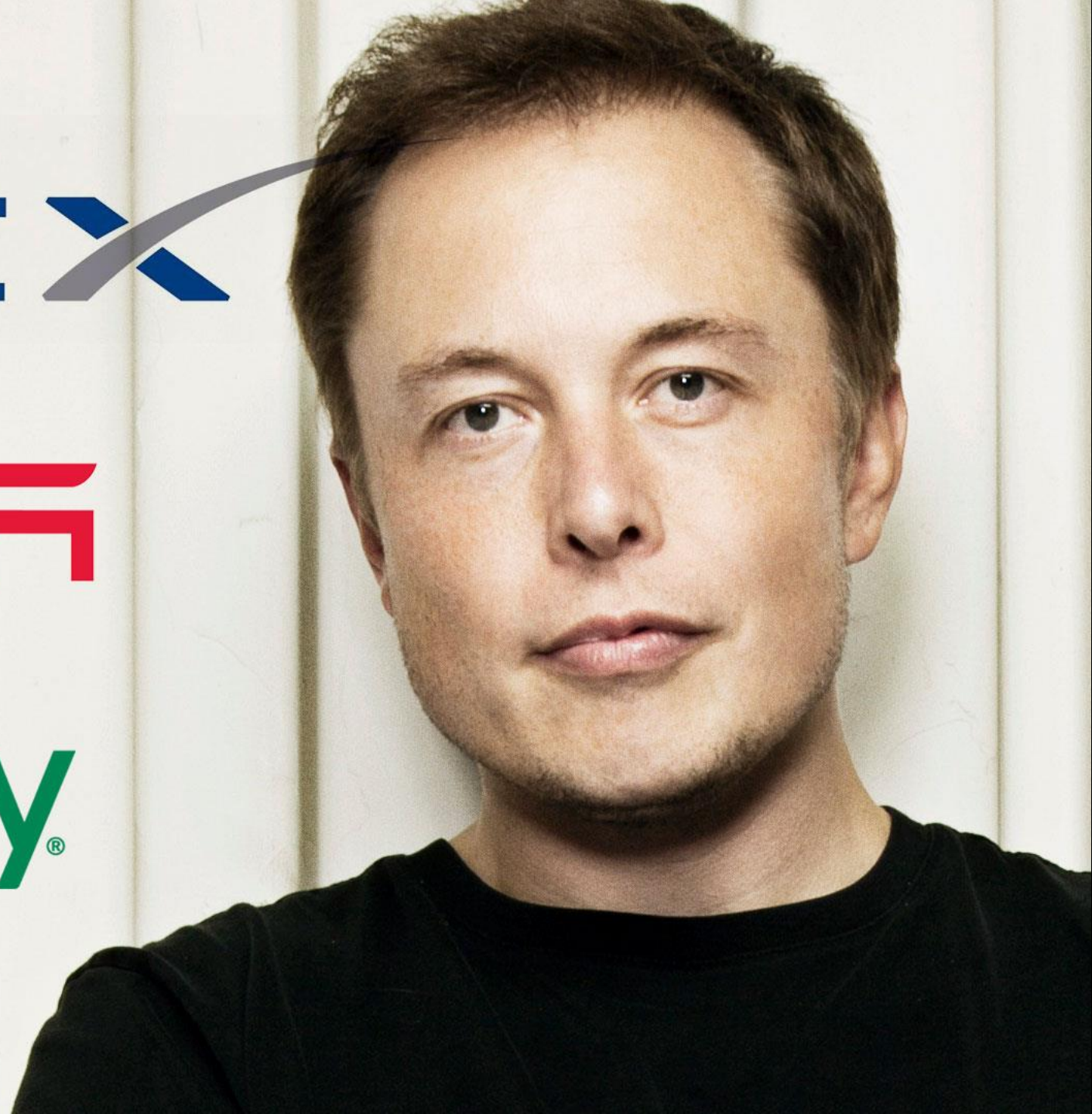
Homo Deus

A Brief History
of Tomorrow

SPACEX

TESLA

 SolarCity®













Apple Campus
One Infinite Loop



TESLA

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P
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CURRENT RESERVATIONS

132,100



Évolution de la rentabilité et du chiffre d'affaires