MADE IN AMERICA WITH SMART CUTTING ROOM 4.0

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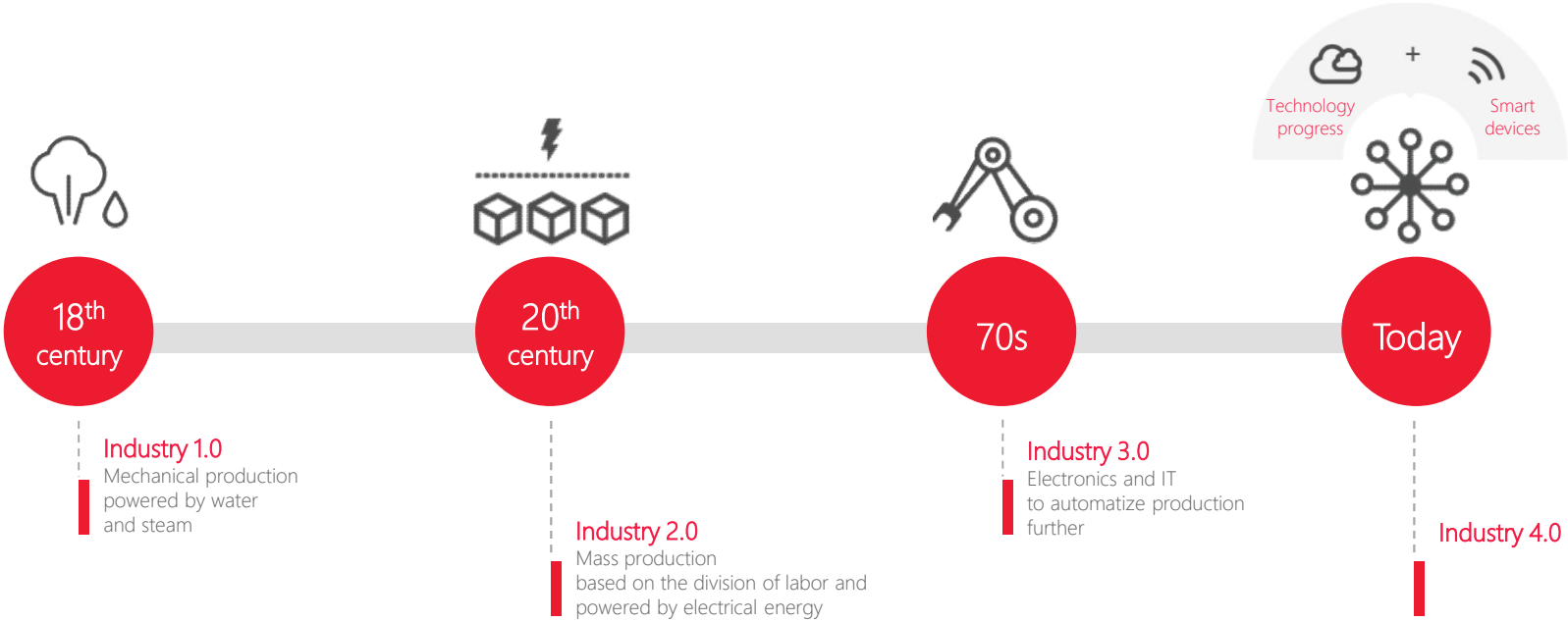
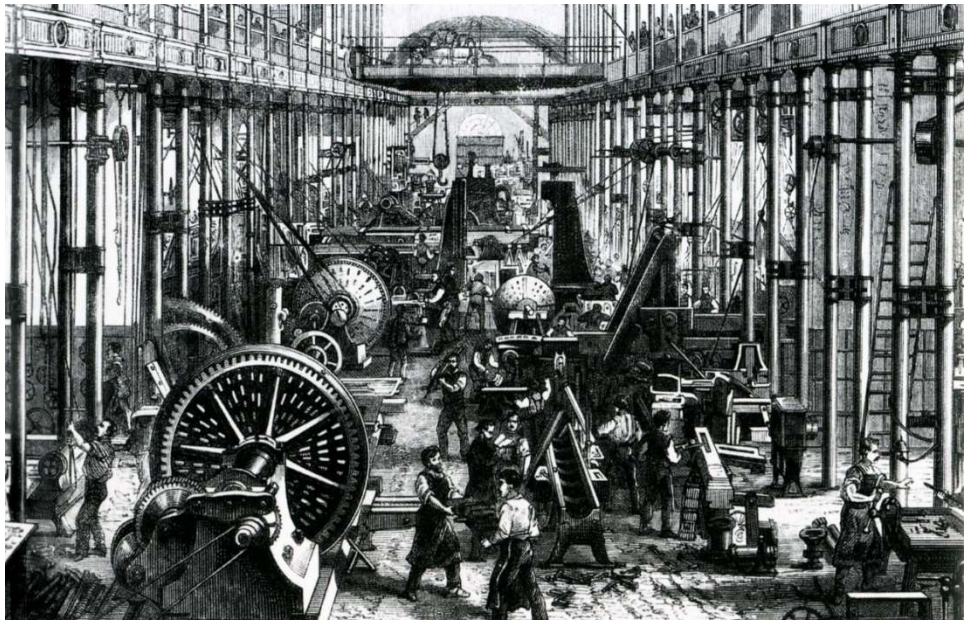
October 19, 2017

Once upon a time…

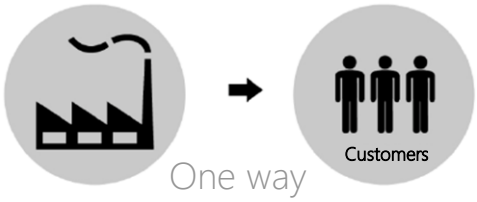




> The fourth industrial revolution is disrupting the value chain and requiring companies to rethink their way of doing business.

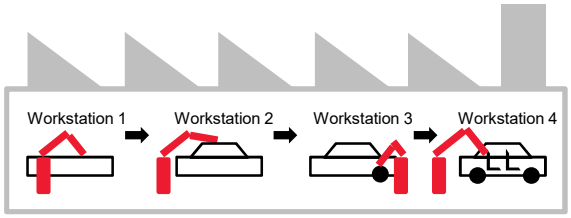
McKinsey

3.0

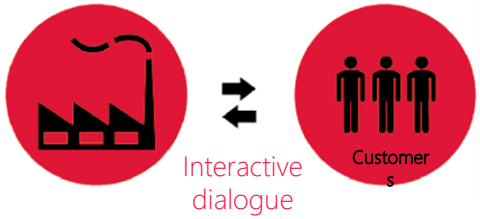


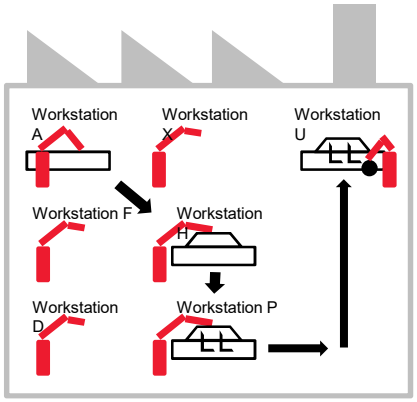
Static production line: hard to reconfigure

Very difficult to incorporate individual customer requests



4.0





Dynamic production line, dynamic reconfiguration

Smart products move autonomously from one workstation to another

Today's Cutting Room Limits

UNCORRELATED AND INTERMITTENT PROCESSES

SEQUENTIAL ACTIVITIES

"PAPER" STATIC DATA

POOR VISIBILITY ON REAL-TIME STATUS FROM INDICATORS

ONE WAY INFORMATION

ORDER MANAGEMENT → CUT PREPARATION → CUT EXECUTION

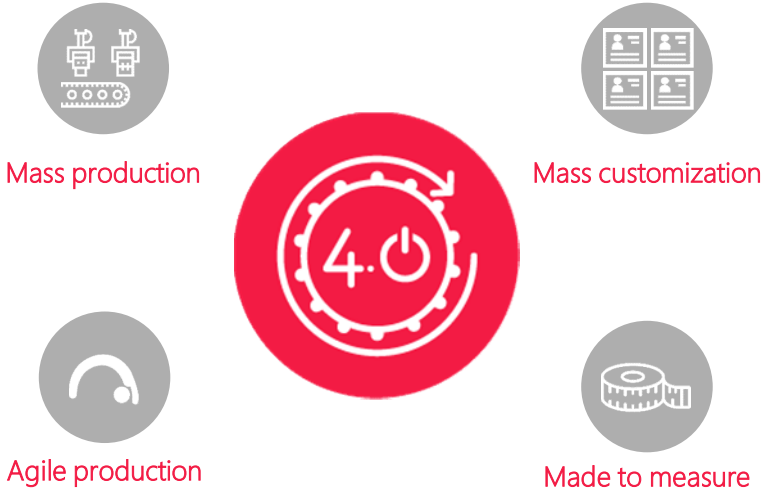
MANUAL AND TIME CONSUMING REPORTING

ROOT CAUSES DIFFICULT TO IDENTIFY

LACK OF TRACEABILITY ON EVENTS

THEORY NEVER MEETS REALITY

Fashion enters the digital, integrated manufacturing era

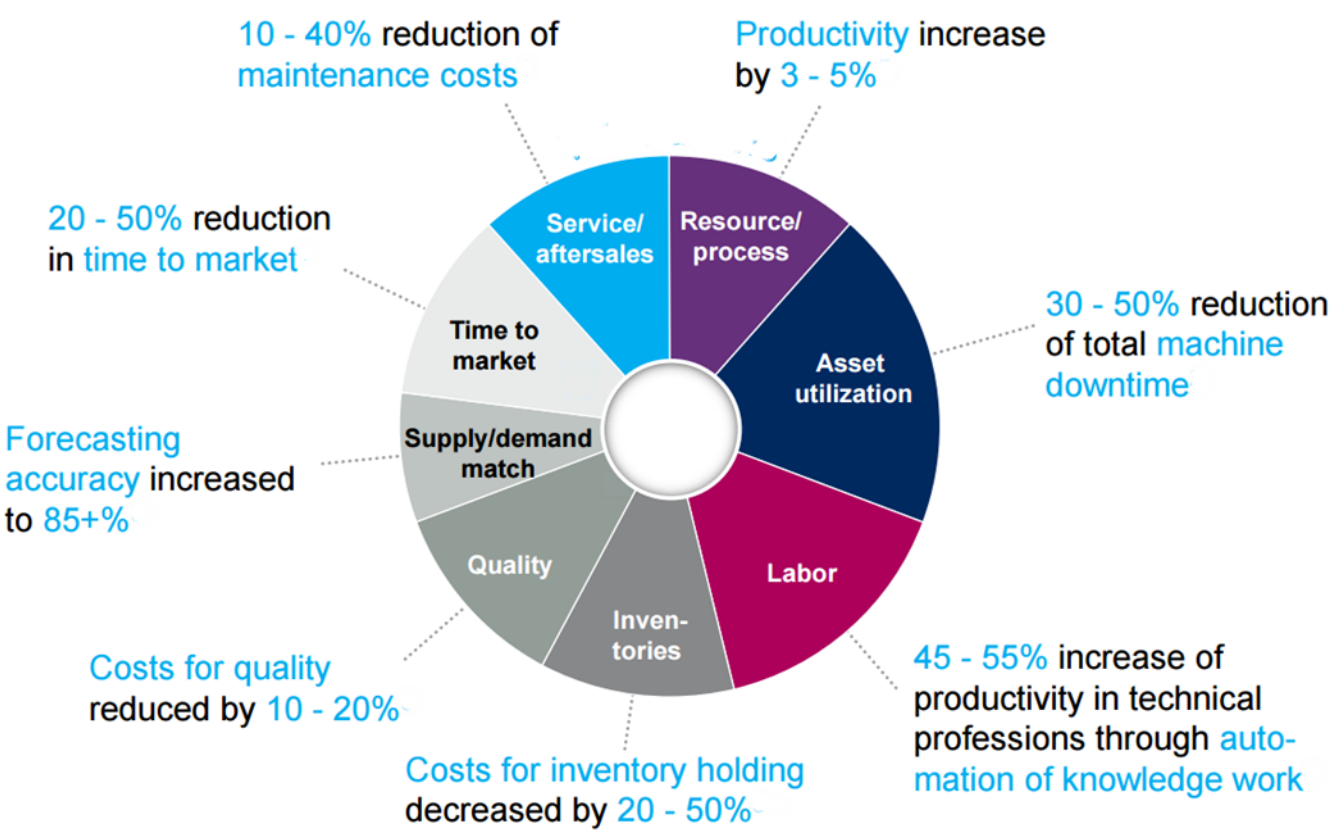


- Profitable, large-scale personalized production
- Possibility of mixed business models
- Increased operational efficiency
- Overall transparency
- Automation of non value-added tasks

Apparel factories at the heart of the value chain

Industry 4.0 will Bring Many Benefits for Manufacturers

McKinsey&Company



Lectra

Industry 4.0 Challenges

- Data collection and analytics
- Agile mindset
- New competencies and skills
- Hyper connectivity between people, processes, technology
- Industry 4.0-compliant technology

Pioneer of the Industrial IoT since 2007

Vector connected since 2007!

- 100+ embedded sensors!

Permanent monitoring via secure remote connection

Lectra Smart Services a direct link to Lectra Experts

A Leap Forward in Innovation

Vector®

- **“Simplexity”**
- **Intelligence Made Visible**
- **Performance**
- **Environmentally friendly**
- **Safety**

Industry's Requests

Reduce production costs

Generate material savings

Optimize material management (fabric rolls, leather hides)

Optimize running & fixed cost

Measure, improve and sustain operational performance

Increase performance awareness as OEE: cutting system availability, quality, productivity

Guaranteed capacity

Eliminate non-added value operations

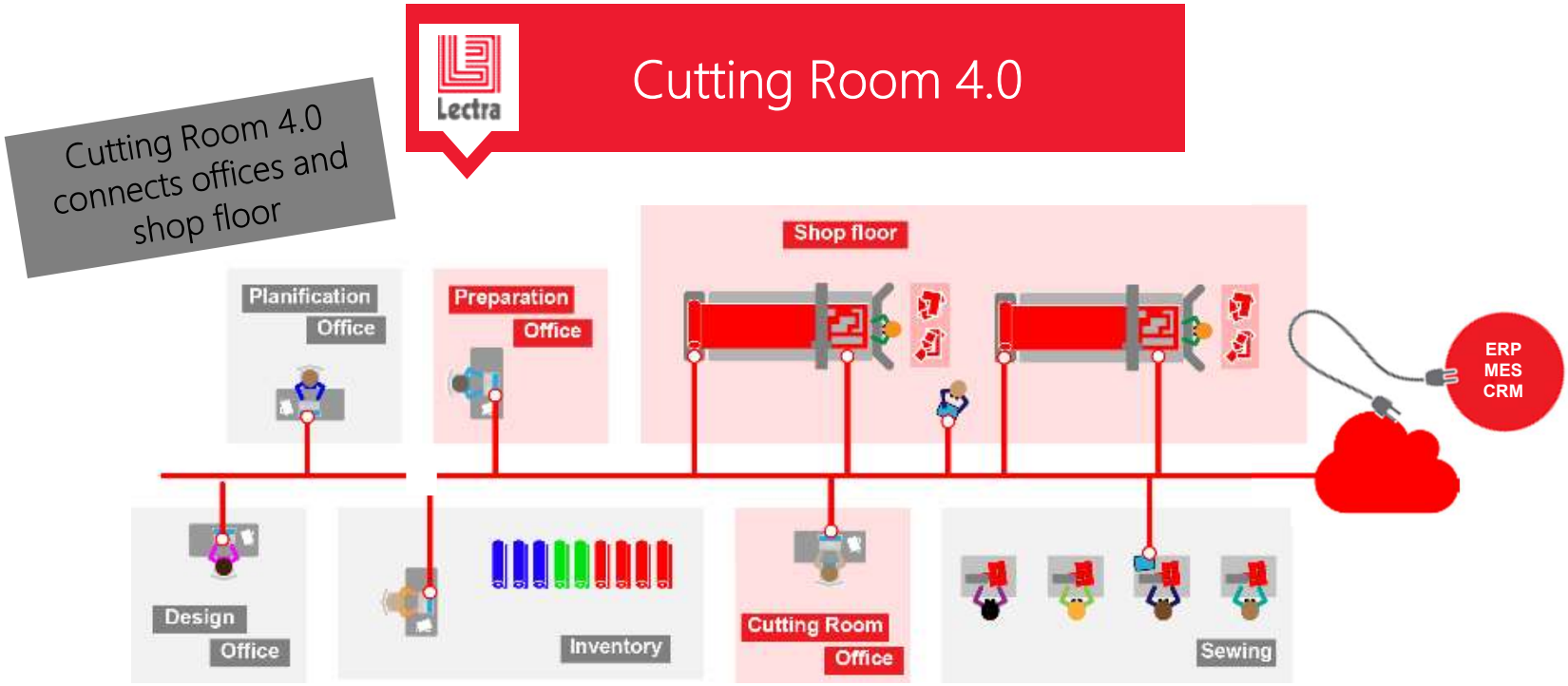
Improve processes

Manage the complexity of production processes

Improve lead-time, traceability, visibility,

Connect solutions to information systems

Fully Integrated Solution



EFFICIENCY, PRODUCTIVITY AND SPEED

INCREASE REVENUE

REDUCE INVENTORY

Thank you!

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