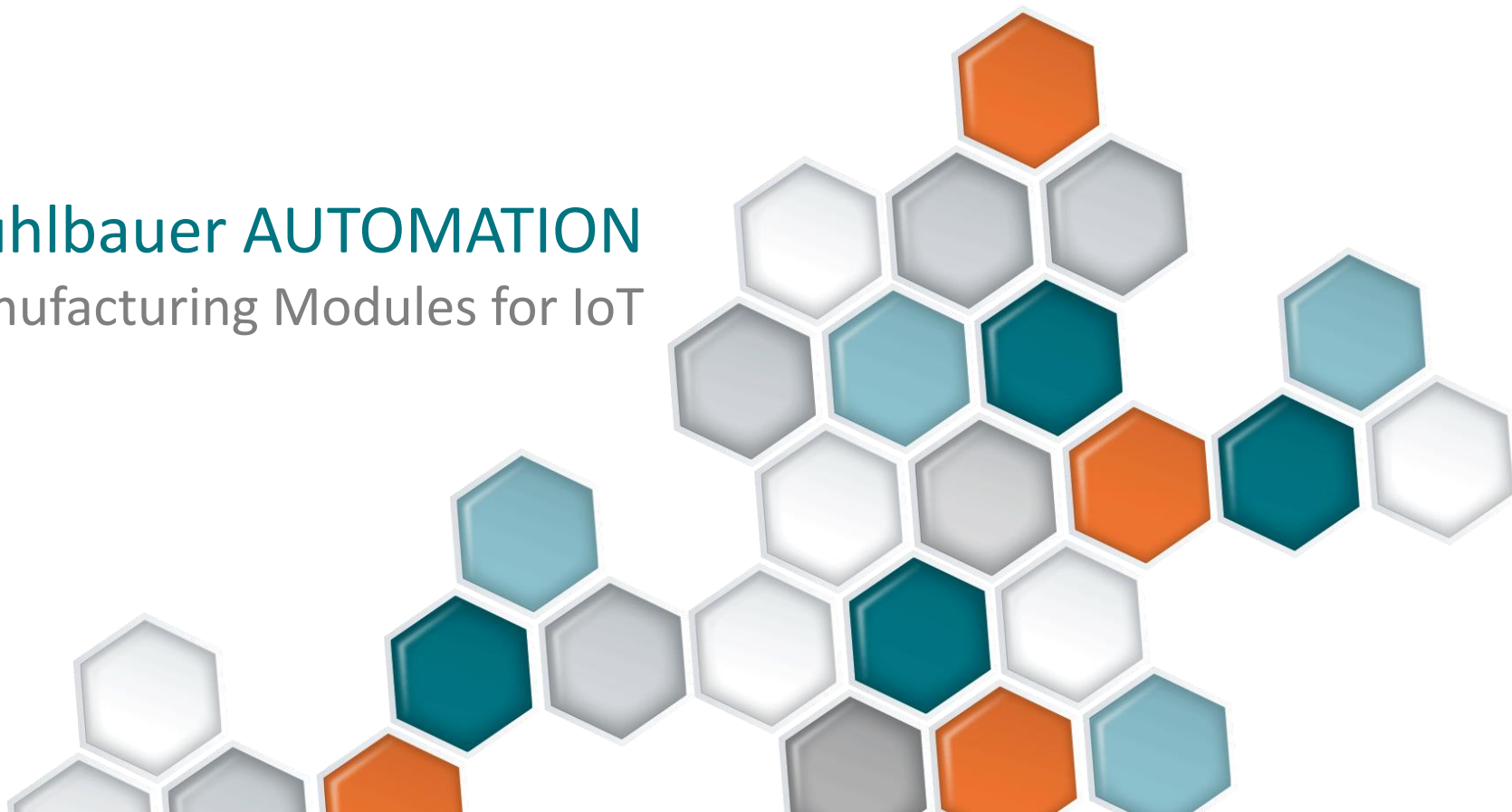


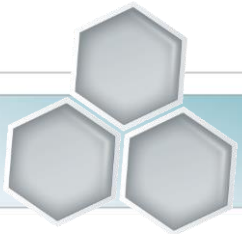
# Mühlbauer AUTOMATION

Manufacturing Modules for IoT





# COMPANY



# INTRODUCTION

- owner-managed group
- international market leadership in the fields of
  - Parts & Systems
  - Semiconductor Related Products
  - Document Solution Related Products
  - TECURITY® Solutions
- the Mühlbauer Group's philosophy: Our customers are our partners!





## BASIS

- 3,500 employees at 35 sites worldwide
- 400 engineers in R&D
- 400 trainees
- excellent sustainability standards



## INVESTMENTS

- annual investments (approx. 15 million EUR) in
  - latest technologies
  - infrastructure
  - systematical & logical completion of the product chain



## MARKET POSITION

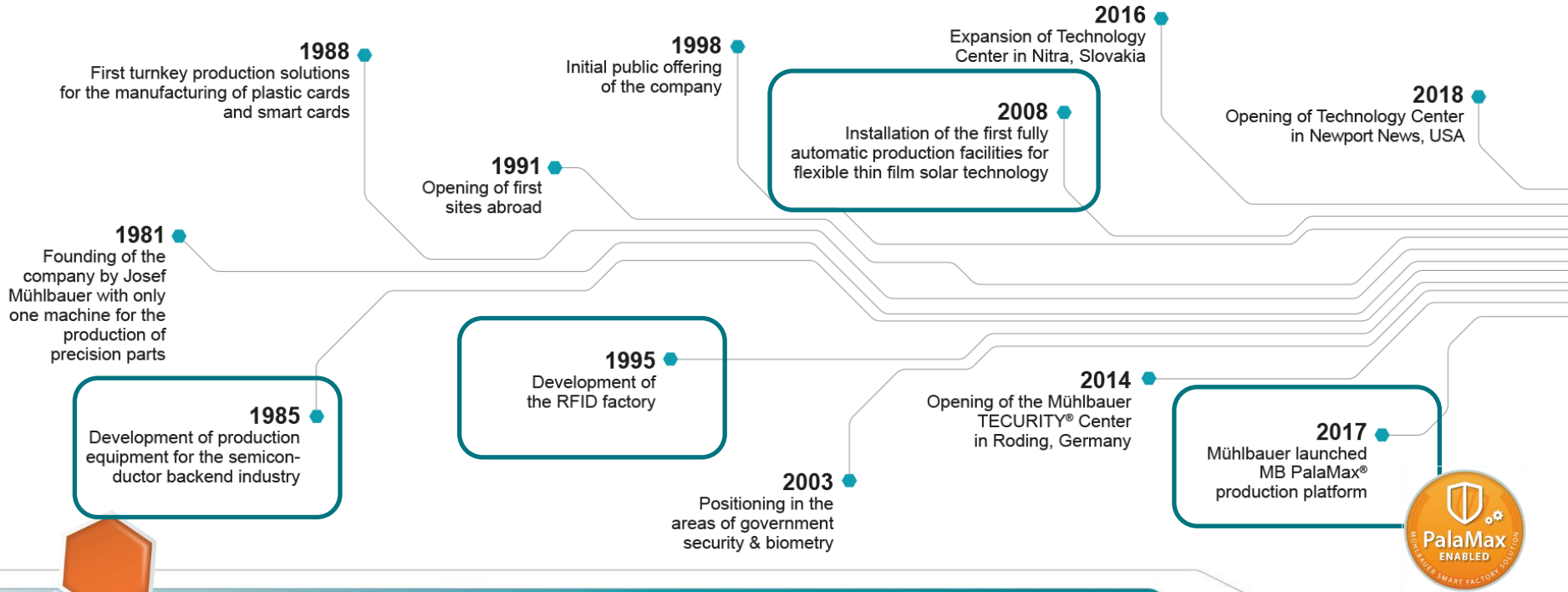
PARTS & SYSTEMS – intersectoral parts manufacturing

AUTOMATION – market leader in the areas of RFID, semiconductor backend and Smart Card

TECURITY® – system partner for global technology- and know-how-transfer in the area of SmartID



# HISTORY



# INTERNATIONAL SITES



- 35 production & service locations
- technology centers in the USA, Slovakia, Serbia, Malaysia and China
- inhouse precision-part production
- provision of
  - high-end semiconductor & RFID systems
  - reliable vision inspection technologies
  - innovative ID document end-to-end-solutions
  - secure access & border control systems



# BUSINESS LINES

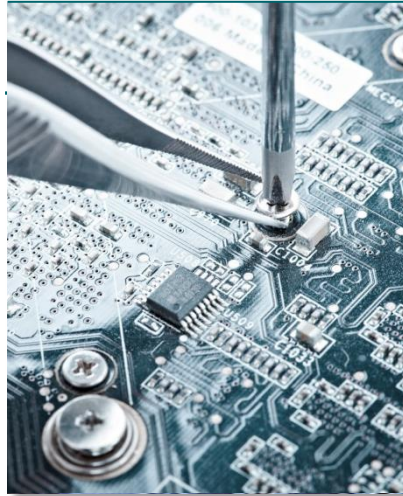
## PARTS & SYSTEMS

Precision Parts  
for Aerospace, Automotive,  
Semiconductor & Engineering



## AUTOMATION

Machines & Solutions  
for SRP & DSRP



## TECURITY®

Solutions  
for Governments



# SECURITY & QUALITY CERTIFICATES

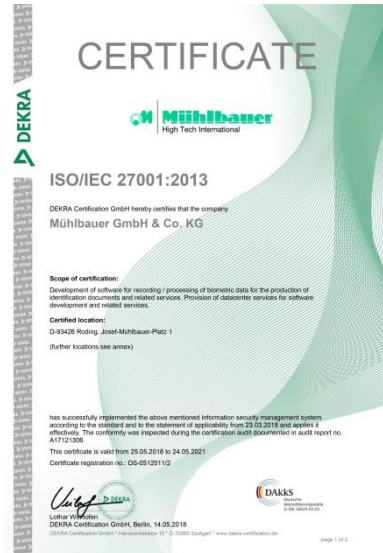
## Security Printer



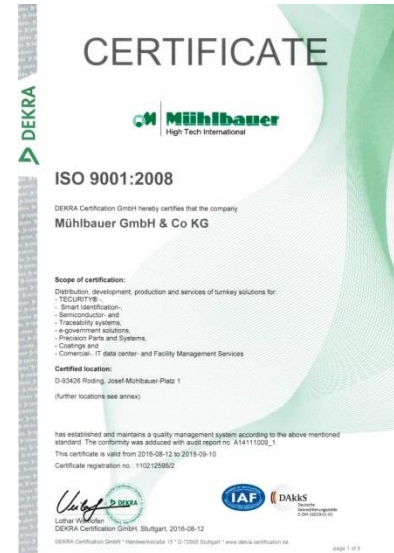
## Security Supplier



## IT Security ISO IEC 27001



## QM System ISO 9001:2008



# THE INNOVATION PLATFORM

## SEMICONDUCTORS

intelligence for security and communication



## RFID

smart label technology for SECURITY & IOT



## FLEXIBLE SOLAR

efficient solution for clean energy everywhere



## LED

energy-saving light for the future



# Manufacturing Modules for IoT

Technology Drives Innovation



**MÜHLBAUER AIRLINES** MB051 GATE H31 SEAT 07J

MUNICH **MUC** → **ROD** RODING

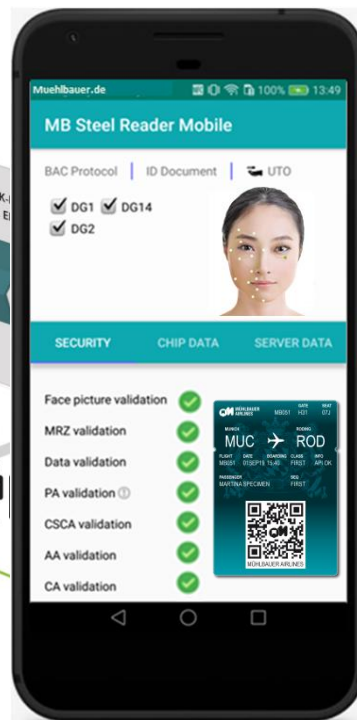
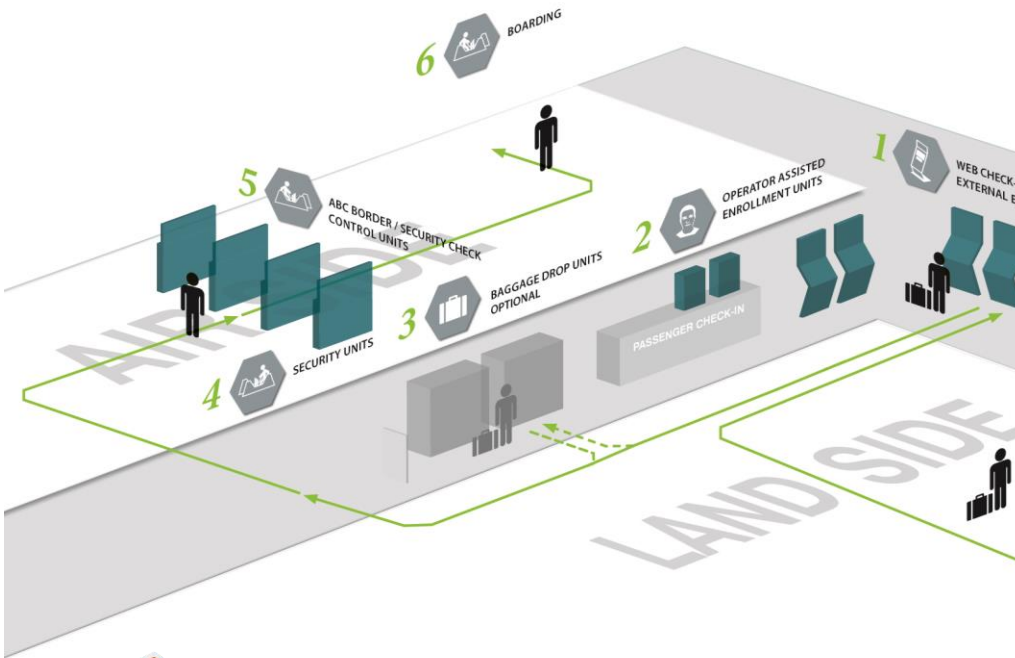
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MB051	01SEP19	15:40	FIRST	API OK

PASSENGER MARTINA SPECIMEN SEQ FIRST



MÜHLBAUER AIRLINES





# Real live applications of IoT

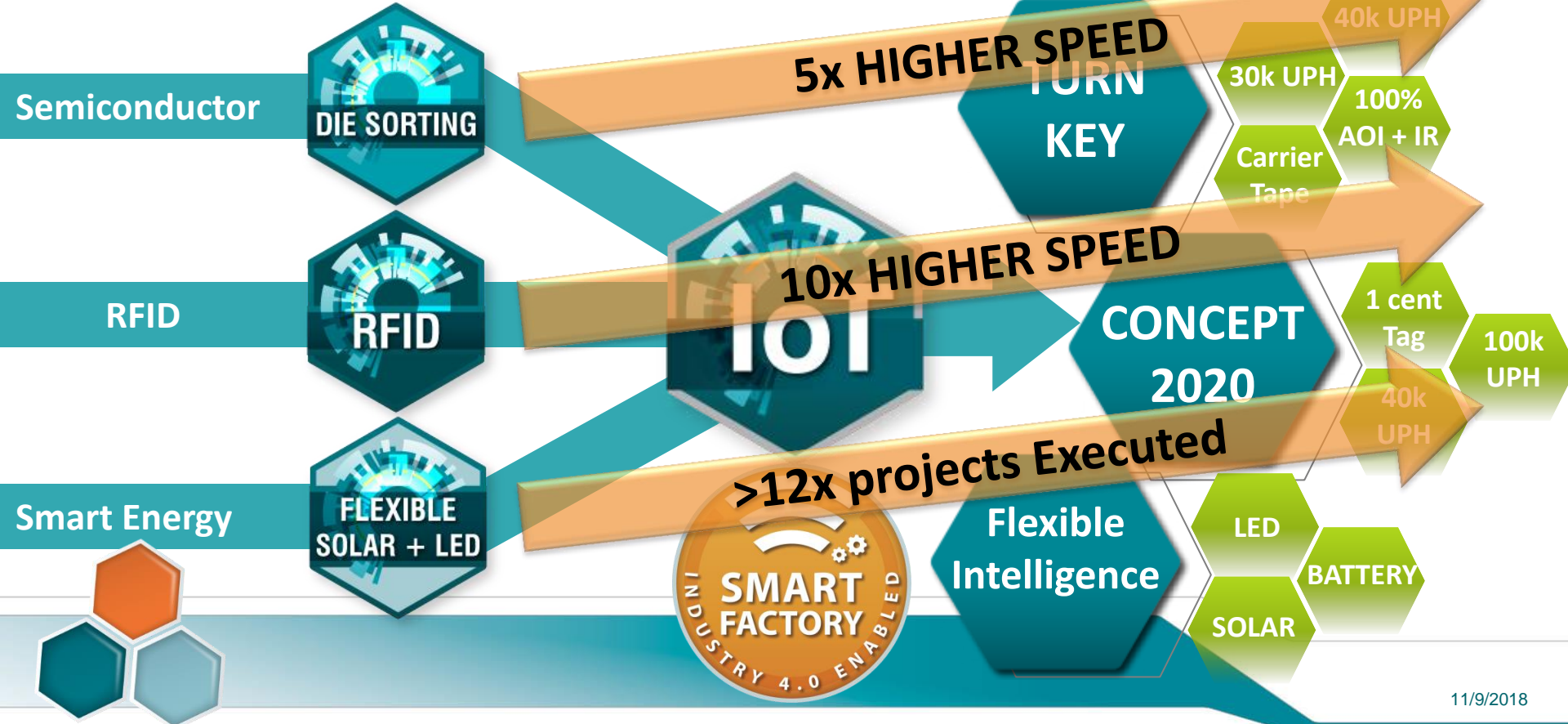


- Smart Mobility
- Smart Energy
- Smart Luminaires
- Smart Retail
- Smart Security
- Smart Health
- Smart Lifestyle
- Smart Banking



# Manufacturing Modules for IoT

„WHERE PERFORMANCE MATTERS“





Tuesday, 09th October 2018

## IoT: Manufacturing Modules for IoT

08.30 a.m.

Registration

Mühlbauer Headquarters Roding

09.00 a.m.

Key Note: Manufacturing Modules for IoT

09.30 a.m.

### **RFID Concept 2020**

High Volume RFID Tag Manufacturing & Personalization

10.15 a.m.

Break

10.30 a.m.

### **WLCSP**

Next Generation of High Speed Die Sorting Inspection & Personalization

11.15 a.m.

Break

11.30 a.m.

### **Flexible Electronic & Solar**

„Flexible Intelligence“ Smart flexible Electronics and Solar Technology

12.15 p.m.

Lunch

01.30 p.m.

Company Tour Focus IoT

04.00 p.m.

Individual Customer Meetings

05.30 p.m.

Transfer to Hotels

07.00 p.m.

Get-Together at the City Hotel Lobby

07.30 p.m.

Dinner at City Hotel



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