leadership

operational excellence

transformation



Ingenuity for life



digitalization



cost out

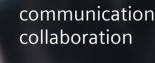


# Robotic Process Automation The future is now

Mirko Einert and Peter Gomes



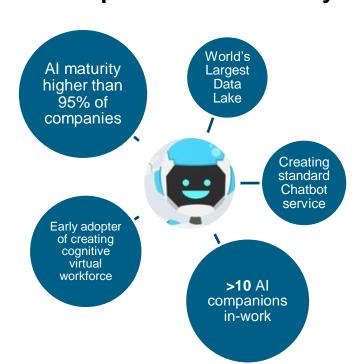
global network





#### Siemens as a digitalization leader

#### **How does Siemens compare to other** companies in AI maturity?







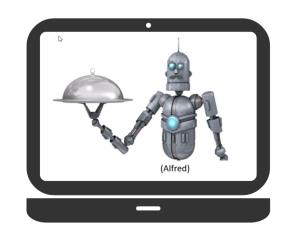
**Smart** Workflows part of digi strategy

Major projects like GMDM already using

**Smart Workflow** 

Supplier onboarding

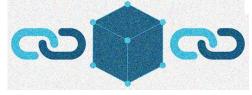
#### **Robotic Process Automation (RPA)**

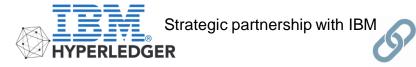












**Blockchain early adopters** 



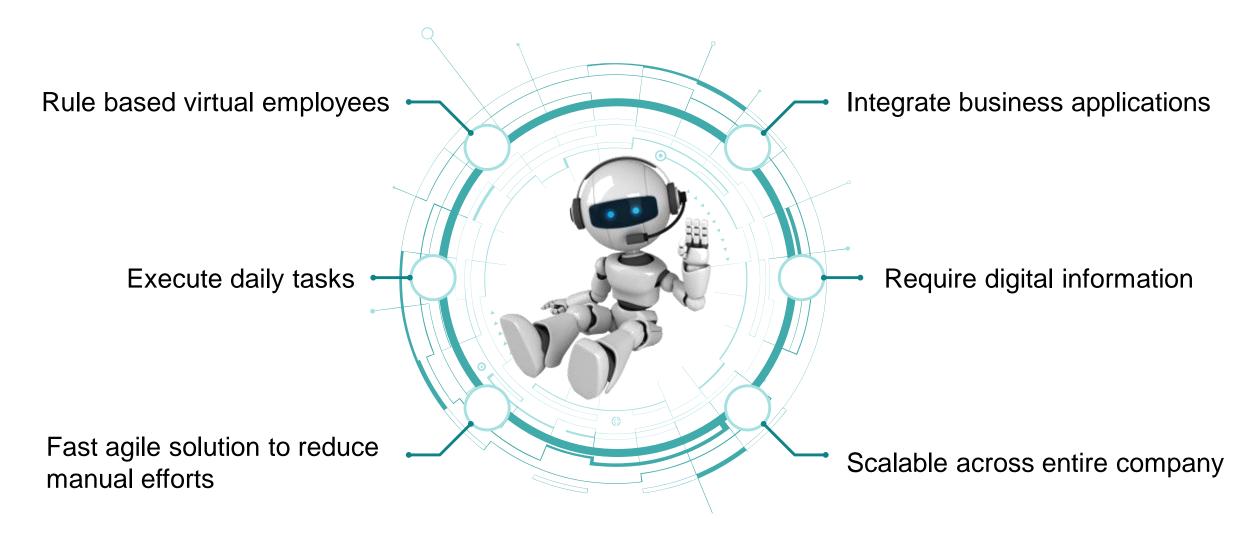
- 1 Robotic Process/Desktop Automation
- 2 Key Success Factors to Automation
- 3 Examples of Automation
- 4 What Next



Page 3 2019-09-23 GP PGO SCM FE

## Robotic Process/Desktop Automation (RPA and RDA)





#### The Robotics Automation Continuum



Robotics Desktop Robotics Process
Automation (RDA) Automation (RPA) Cognitive Automation

Data simple, transactional

more complex, structured, digital

unstructured, volatile

**Process** 

repeatable steps

rule based, routine, predictable

judgment or pattern based

Automation of simplest, repetitive tasks

Substitution of manual / repetitive processes, either on local computer (RDA) or on central server (RPA)

Simulation of human thought processes in intelligent set of automation processes



Execution via button within document, i.e. Excel

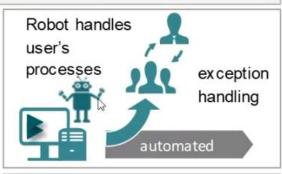
User initiates process



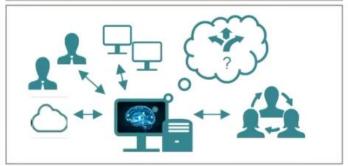
Super user initiates user's process



Execute button on local computer, exceptions handled by user



Execution via central server; exceptions routed to service team



Execute on central server; autonomous decision making / process orchestration

GP: +Virtualized Desktop Processes

Page 5 2019-09-23 GP PGO SCM FE



- 1 Robotic Process/Desktop Automation
- 2 Key Success Factors to Automation
- 3 Examples of Automation
- 4 What Next

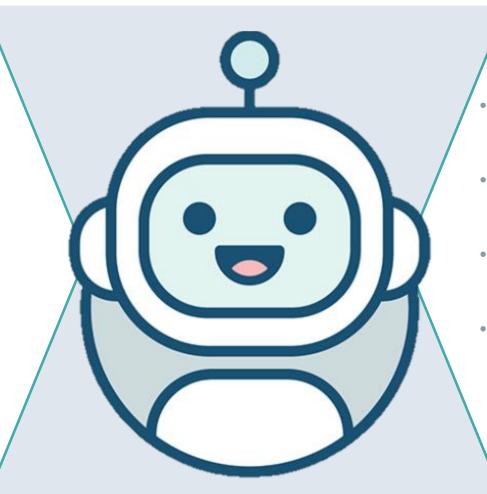


#### **Benefits of Automation**



#### **Operational**

- Increased data accuracy
- Consistent process execution
- Process compliance
- Free-up capacity
- Support process improvement



#### **Social**

- Improved Morale
- Allow for more human interaction
- Opportunity for change
- Decreased frustrations

#### **Key Success Factors to Automation**





Unrestricted © Siemens AG 2019

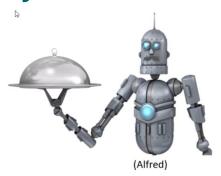
Page 8 2019-09-23 GP PGO SCM FE



- 1 Robotic Process/Desktop Automation
- 2 Key Success Factors to Automation
- 3 Examples of Automation
- 4 What Next



#### **Meet The Family**



#### Alfred

- Supports ECC reporting
- Alerts business about missing information



Johnny 5

- Ensures master data compliance
- Keeps PDT aligned in system



#### Strategic Procurement Support

Transfers cost break down information between systems





RaFiQ

 Supports gathering of material and pricing information for RfQ process



### Supports Supplier EDI activations Supports EDI platform migrations

Milly Migrator



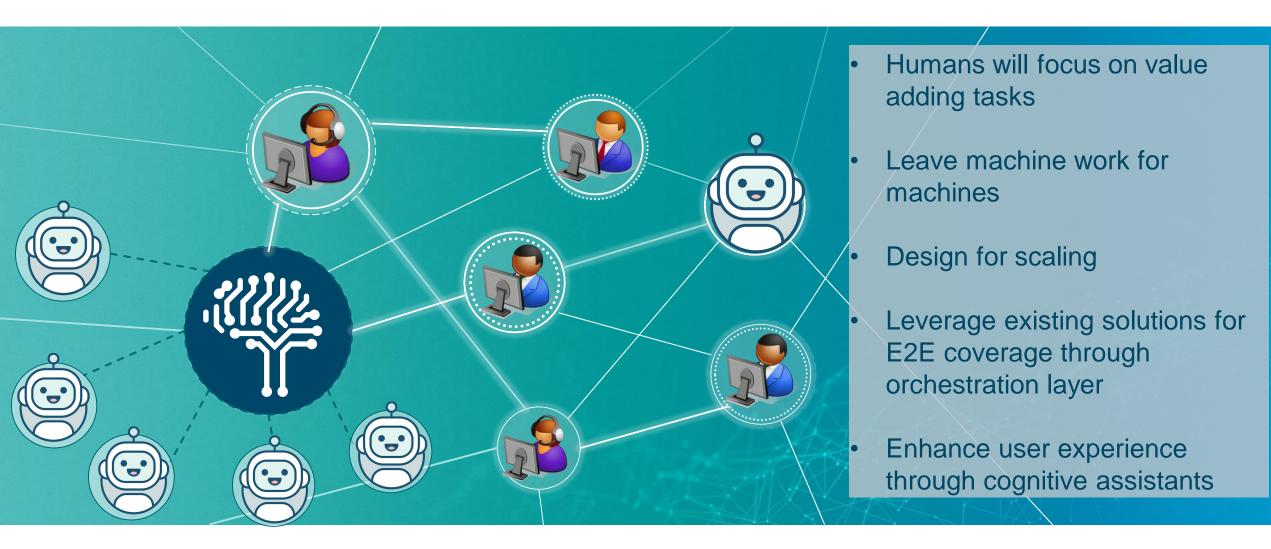
- 1 Robotic Process/Desktop Automation
- 2 Key Success Factors to Automation
- 3 Examples of Automation
- 4 What Next



Page 11 2019-09-23 GP PGO SCM FE

#### **What Next?** Focus on Scalability and E2E Orchestration





# Thank you

