

leadership

operational
excellence

transformation

digitalization

cost out

communication
collaboration

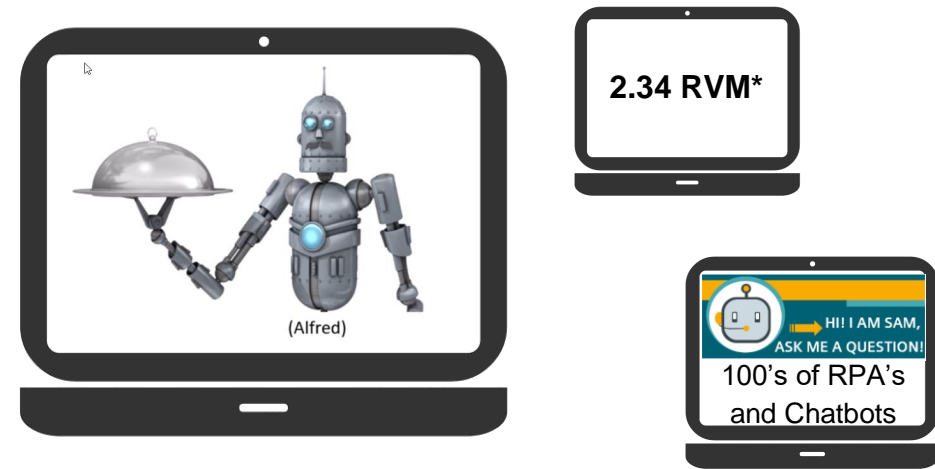
global
network

Robotic Process Automation

The future is now

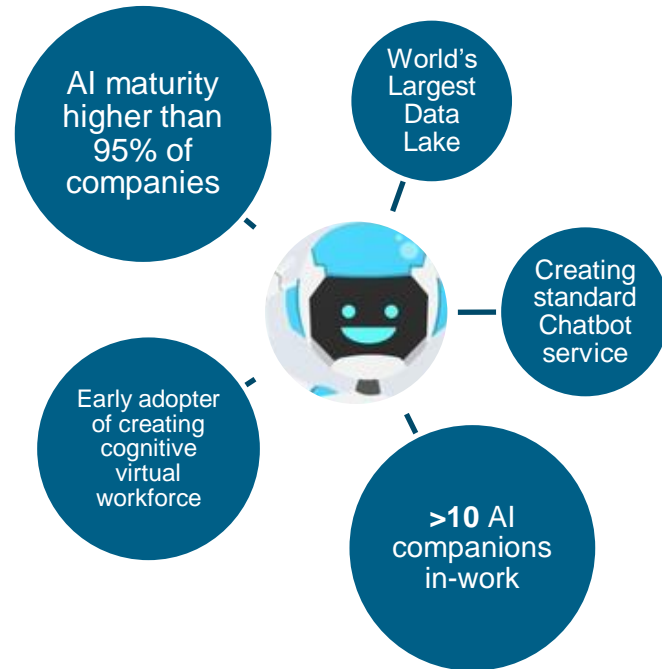
Mirko Einert and Peter Gomes

Robotic Process Automation (RPA)

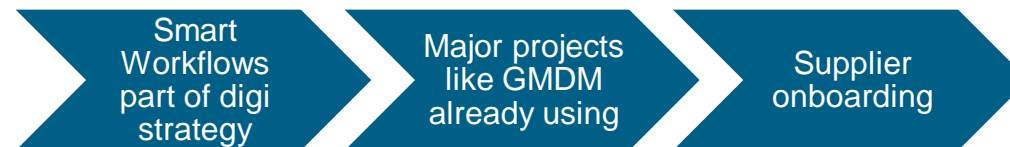


Siemens as a digitalization leader


How does Siemens compare to other companies in AI maturity?

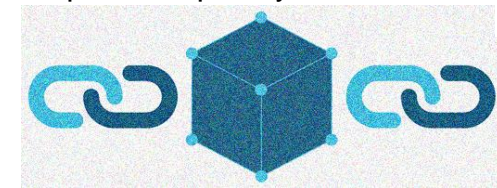


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Smart Workflow

 Patent for Universal Asset Passport concept developed by Siemens



Strategic partnership with IBM



Blockchain early adopters

Agenda

1 Robotic Process/Desktop Automation

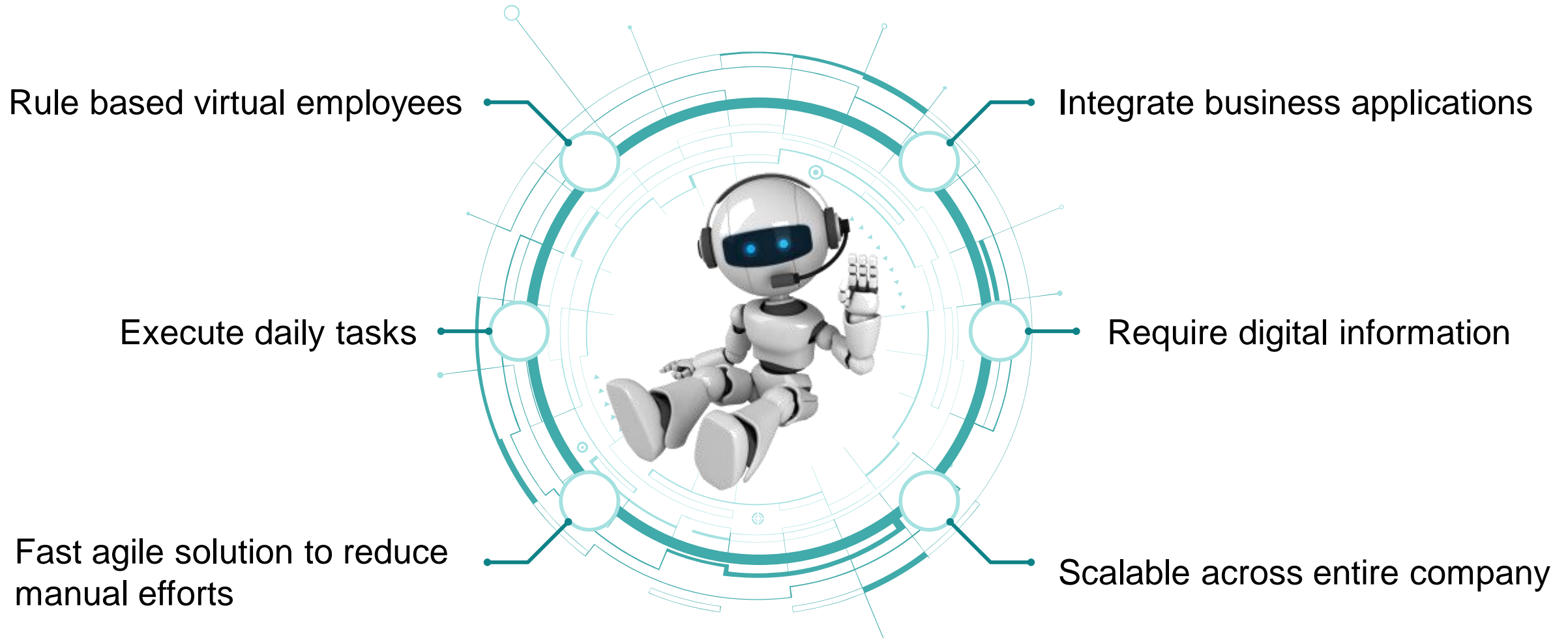
2 Key Success Factors to Automation

3 Examples of Automation

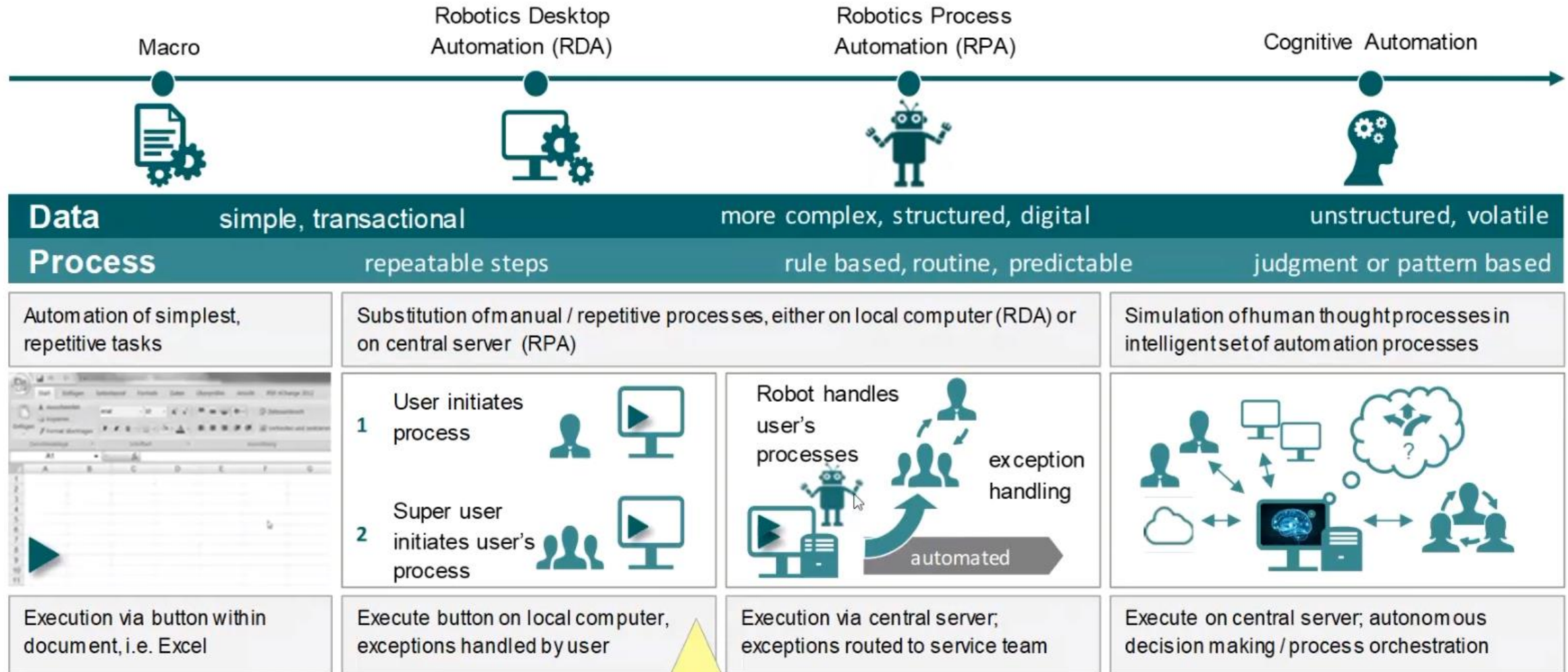
4 What Next



Robotic Process/Desktop Automation (RPA and RDA)



The Robotics Automation Continuum



GP: +Virtualized Desktop Processes

Process selection criteria for RPA/RDA



KO-criteria:
Strategic fit

- 1

Process is executed frequently and in **large volumes**
- 2

Process requires access to **multiple systems**
- 3

Process can be broken down into **unambiguous rules**
- 4

Structured and digital data available
- 5

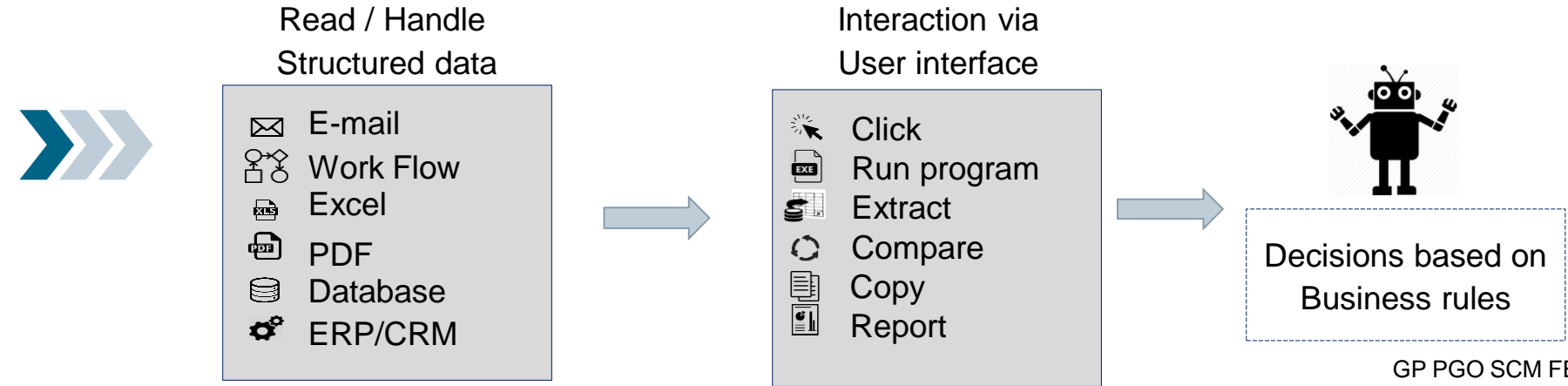
Process is prone to **human error**
- 6

Process requires **limited exception handling**
- 7

Process, once started, needs **limited human intervention**
- 8

Complexity in stakeholders / **process ecosystem**

What Robots can do....



Agenda

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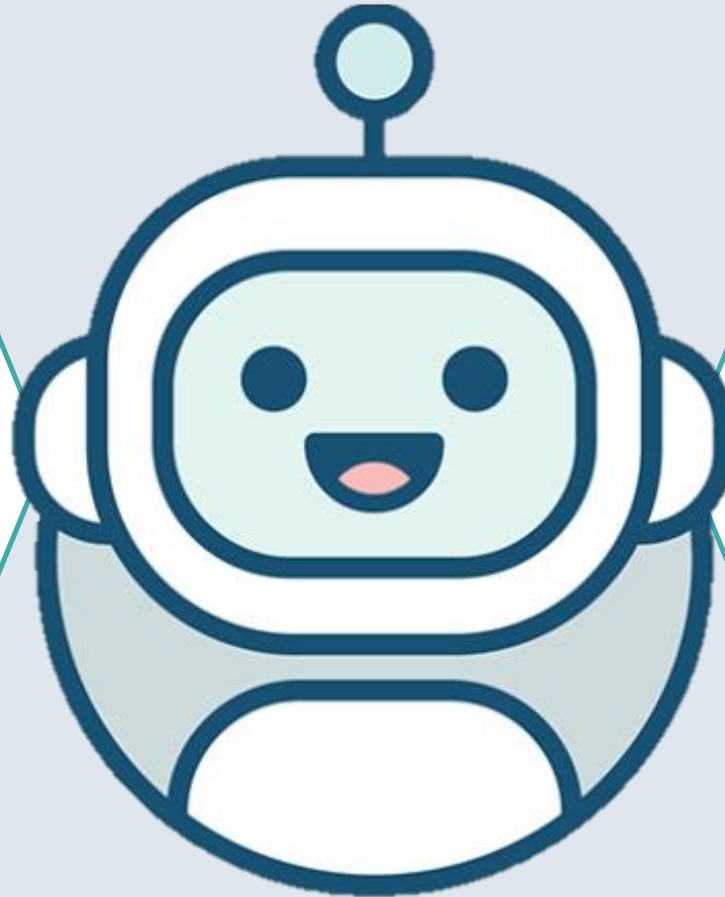
4 What Next



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

Getting Started

Discovery to Delivery

- **Discovery**

- Form hypothesis
- Confirm hypothesis
- Evaluate benefits



- **Pilot**

- Start small
- Think big
- Initial challenges
- Evolve



- **Scale**

- Rollout to similar locations
- Increase value, decrease cost
- Look up and down stream

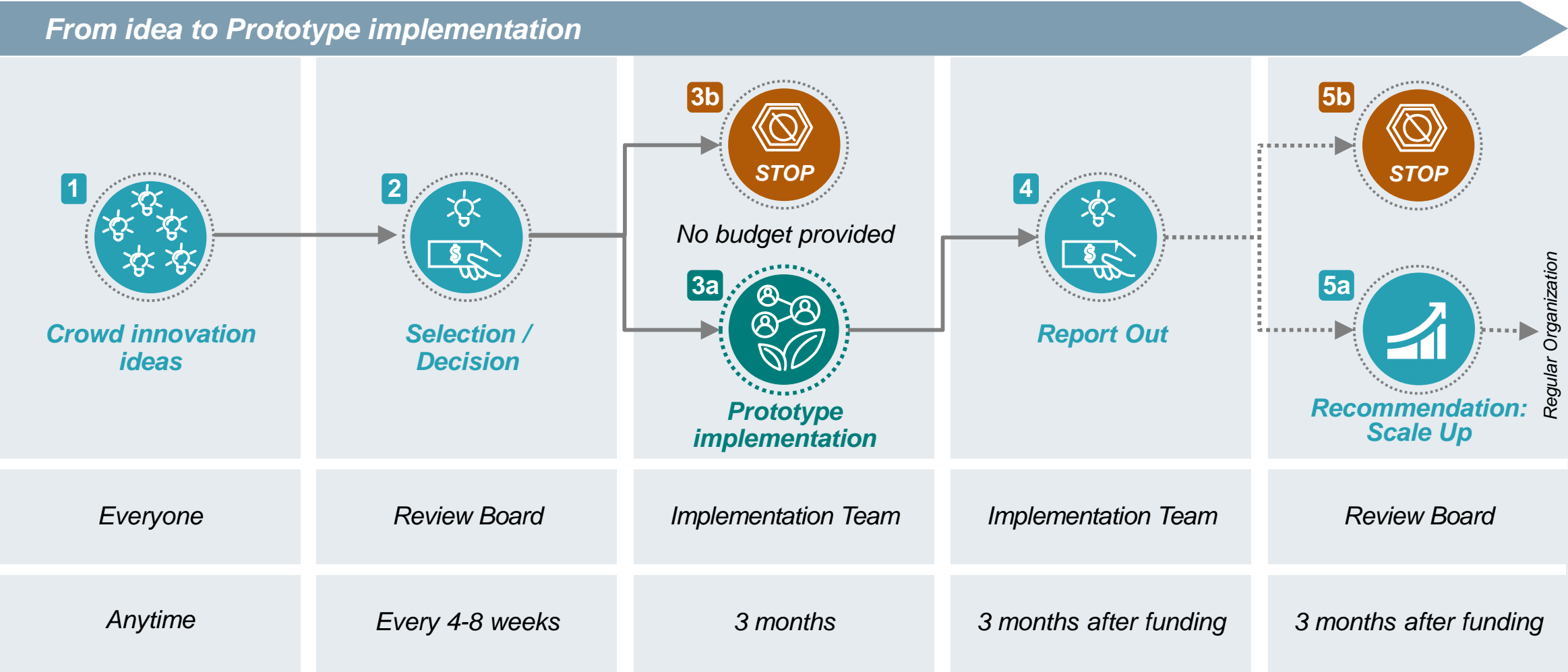


- **Delivery**

- Share knowledge
- Establish highly engaged teams
- Fill backlog
- Focus on high value
- Celebrate wins!



Getting Started Prototyping Process



Key Success Factors to Automation



Agenda

1 Robotic Process/Desktop Automation

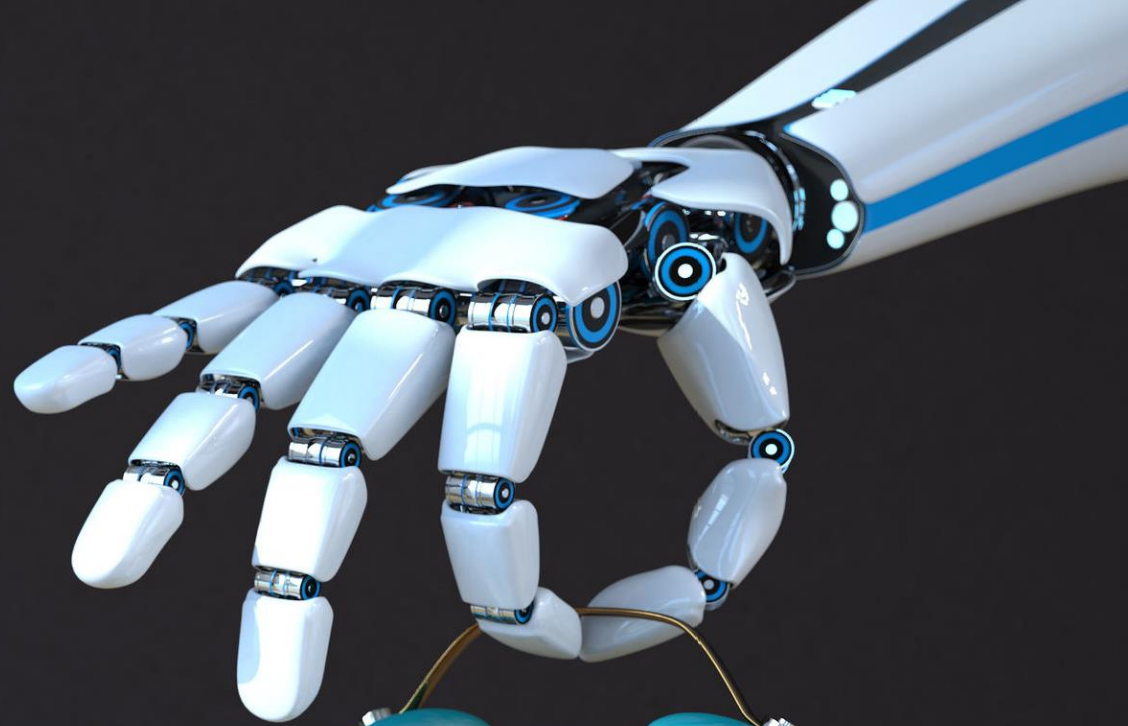
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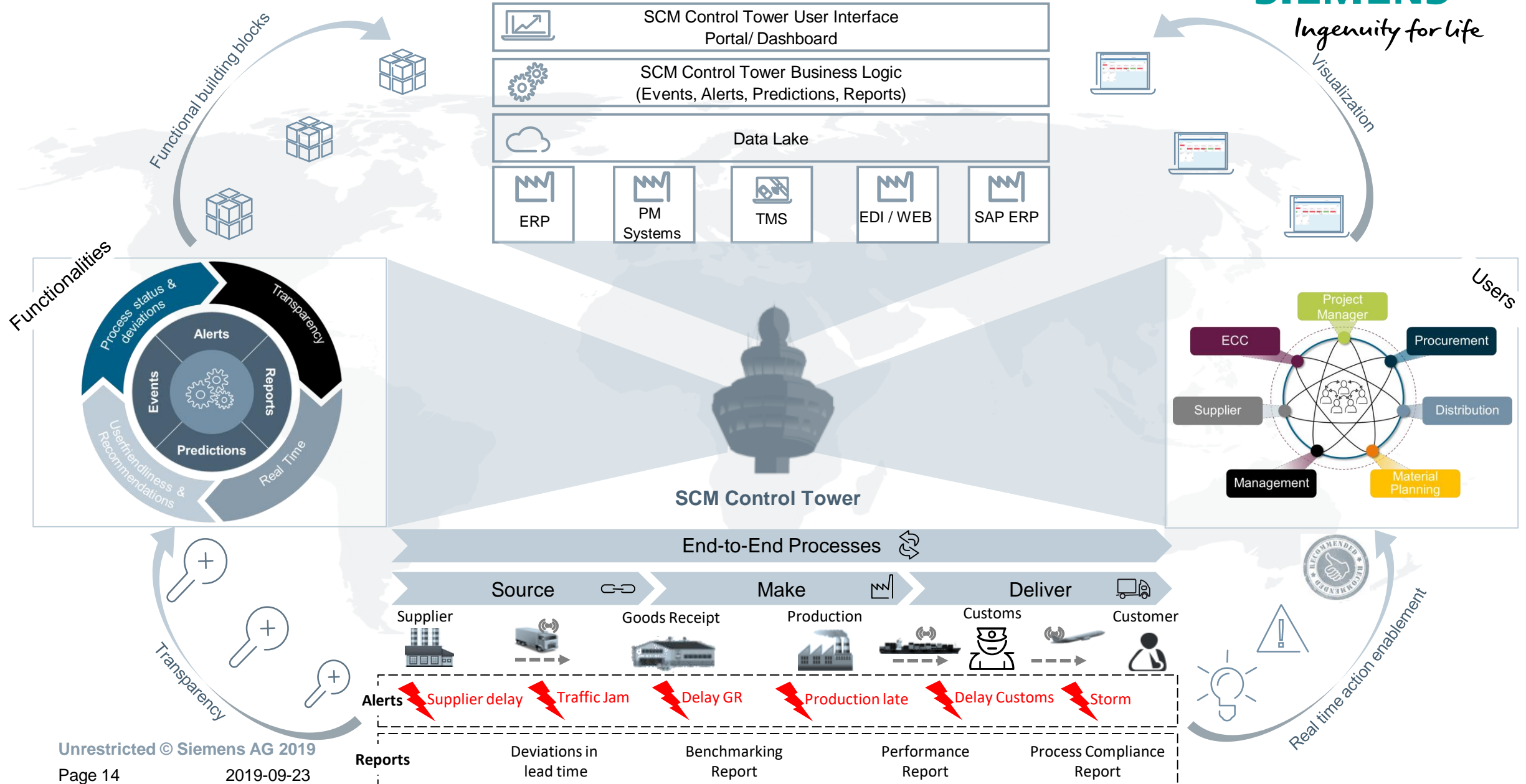
3 Examples of Automation

4 What Next

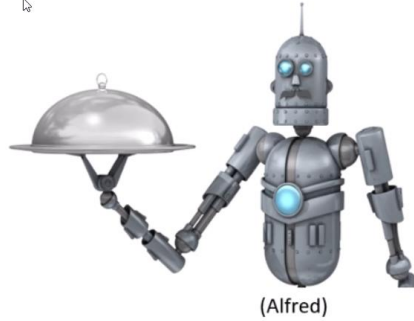


Deliveries running late?
Meet SCCoTy!





Meet The Family



Alfred

- Supports ECC reporting
- Alerts business about missing information



Johnny 5

- Ensures master data compliance
- Keeps PDT aligned in system



Milly Migrator

- Supports Supplier EDI activations
- Supports EDI platform migrations



Strategic Procurement Support

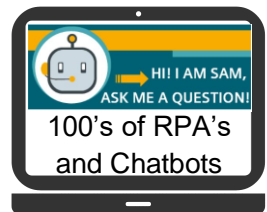
- Transfers cost break down information between systems

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RaFiQ

- Supports gathering of material and pricing information for RfQ process



Agenda

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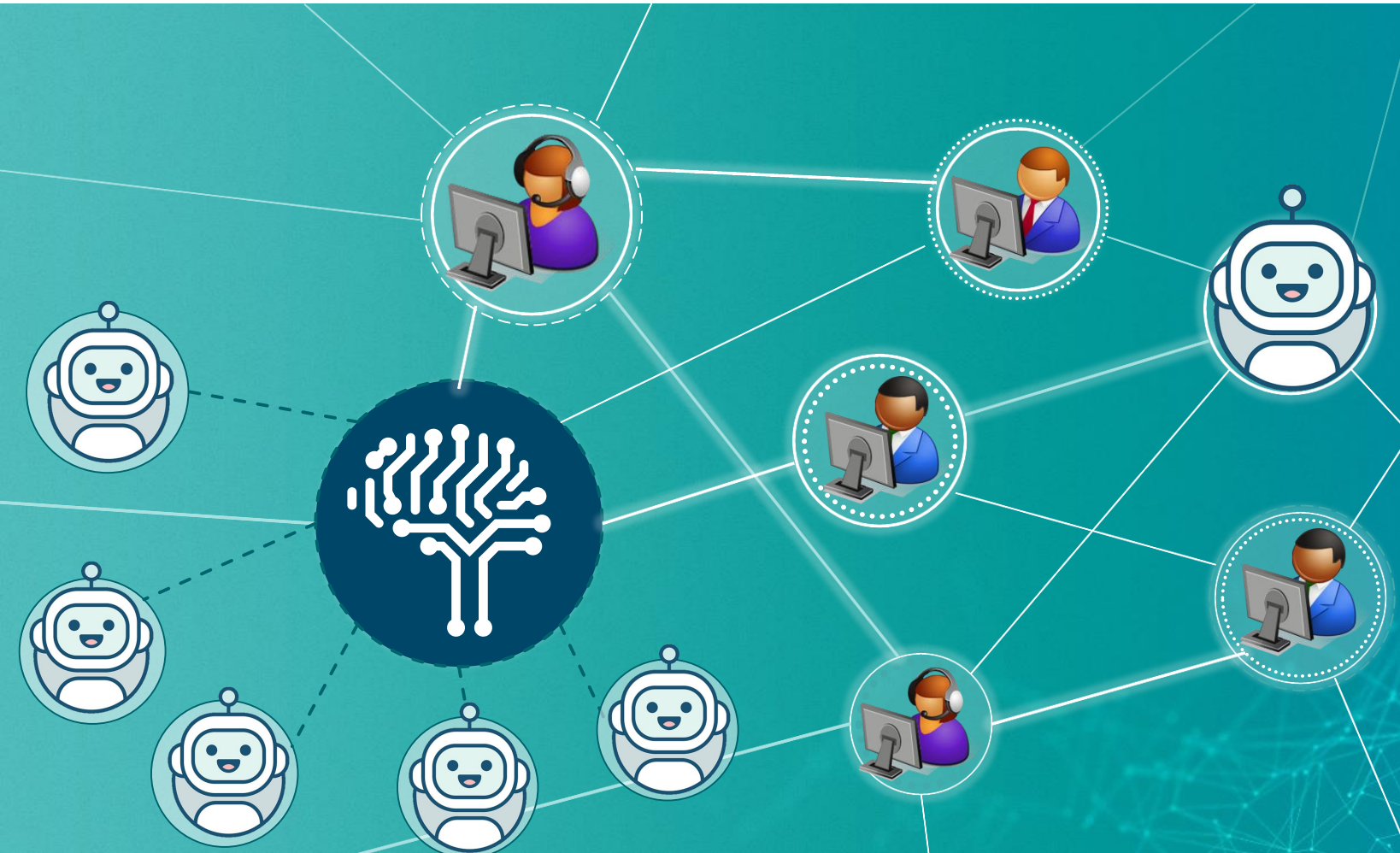
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What Next?

Focus on Scalability and E2E Orchestration

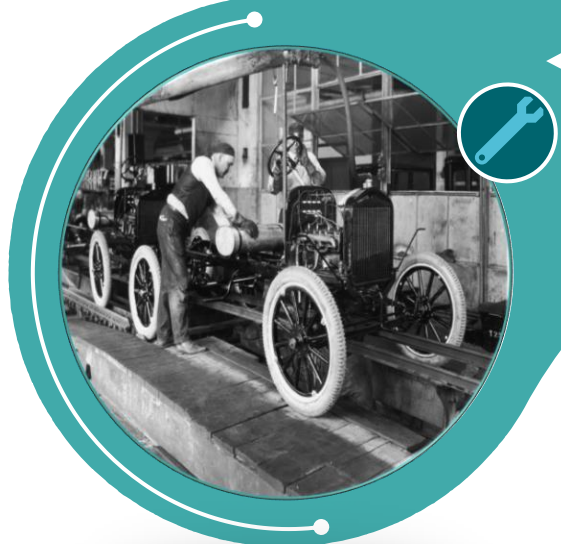


- Humans will focus on value adding tasks
- Leave machine work for machines
- Design for scaling
- Leverage existing solutions for E2E coverage through orchestration layer
- Enhance user experience through cognitive assistants

How can we ensure that we are prepared?

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Creating a vision of the jobs of the future.
What will it mean to be a procurement professional?



Creating job profiles of the future and
plans to help people transition into the
roles that fit them best.

Thank you

