



# The Digital Enterprise:

## Automation and Impact to Finance Operations

October 2016



# Agenda

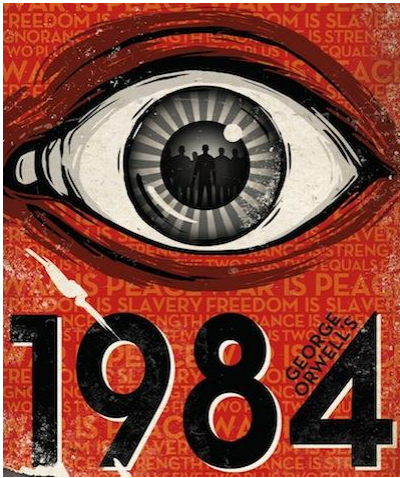
- Objectives
- Defining Digital
- Digital Transformation
- Finance and Robotic Process Automation
- Case Study
- Q&A

# Objectives

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- Define “digital” and “digital transformation” - what that means to traditional corporate finance operations
- Examine the enablers and trends surrounding the digital finance function
- Review the specific capabilities Robotic Process Automation (RPA) can provide for straight-through business process management
- Walk through the key considerations on how best to apply the capabilities for RPA within an organization and its overall benefits

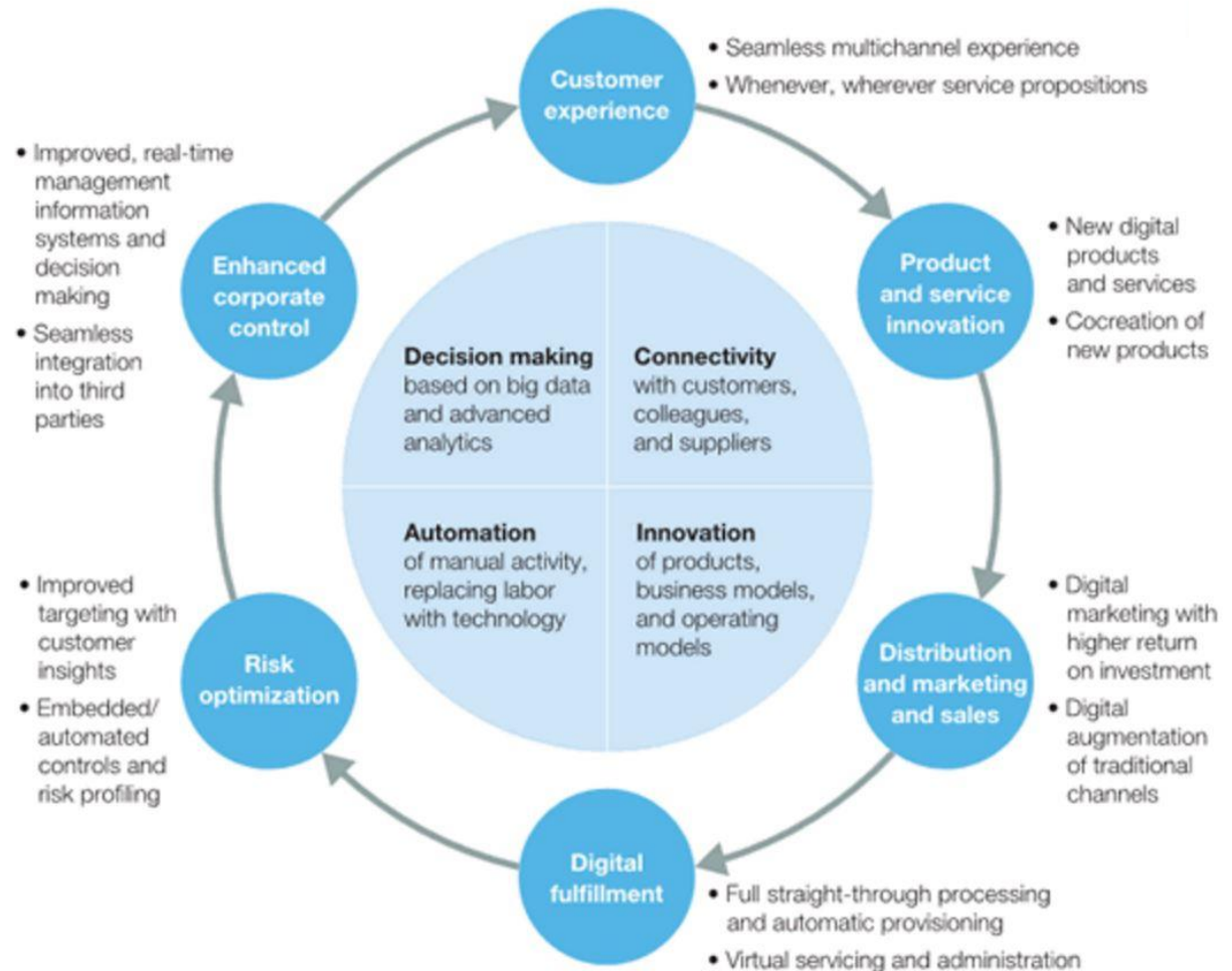
# What is Digital?



# What is Digital?

dig·it·al  
'dijidl/  
*adjective*

1. (of signals or data) expressed as series of the digits 0 and 1, typically represented by values of a physical quantity such as voltage or magnetic polarization.
2. relating to, using, or storing data or information in the form of digital signals.  
"digital TV"
3. involving or relating to the use of computer technology.  
"the digital revolution"



# Defining Digital

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## Myth

Digital is primarily about customer experience

Digital only matters to technology or B2C companies

Digital transformation is primarily a “bottoms up” driven event

If we do enough digital initiatives, we will get there...

Digital transformation will happen despite our IT

Digital transformation approach is different for every industry and company

In our industry, we can just wait to see how digital develops

## Reality

Huge opportunities exist also in efficiency, productivity and employee leverage

Opportunities exist in all industries with no exceptions

Digital must be led from the top

Transformation management intensity is more important to driving overall performance

Business / IT relationships are key, and in many companies, they must be improved

Digital Leaders exhibit a common DNA

There are digital leaders outperforming their peers in every industry TODAY!

# Digital Transformation

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The digital business uses technology to innovate and create new sources of growth

**Digital Business** - an organization that incorporates digital technology to create revenue and results via innovative strategies, products, processes and experiences.

**Digital Transformation** - the use of technology to radically improve performance or reach of enterprises.

## Digital Business Capabilities (aka Digital)



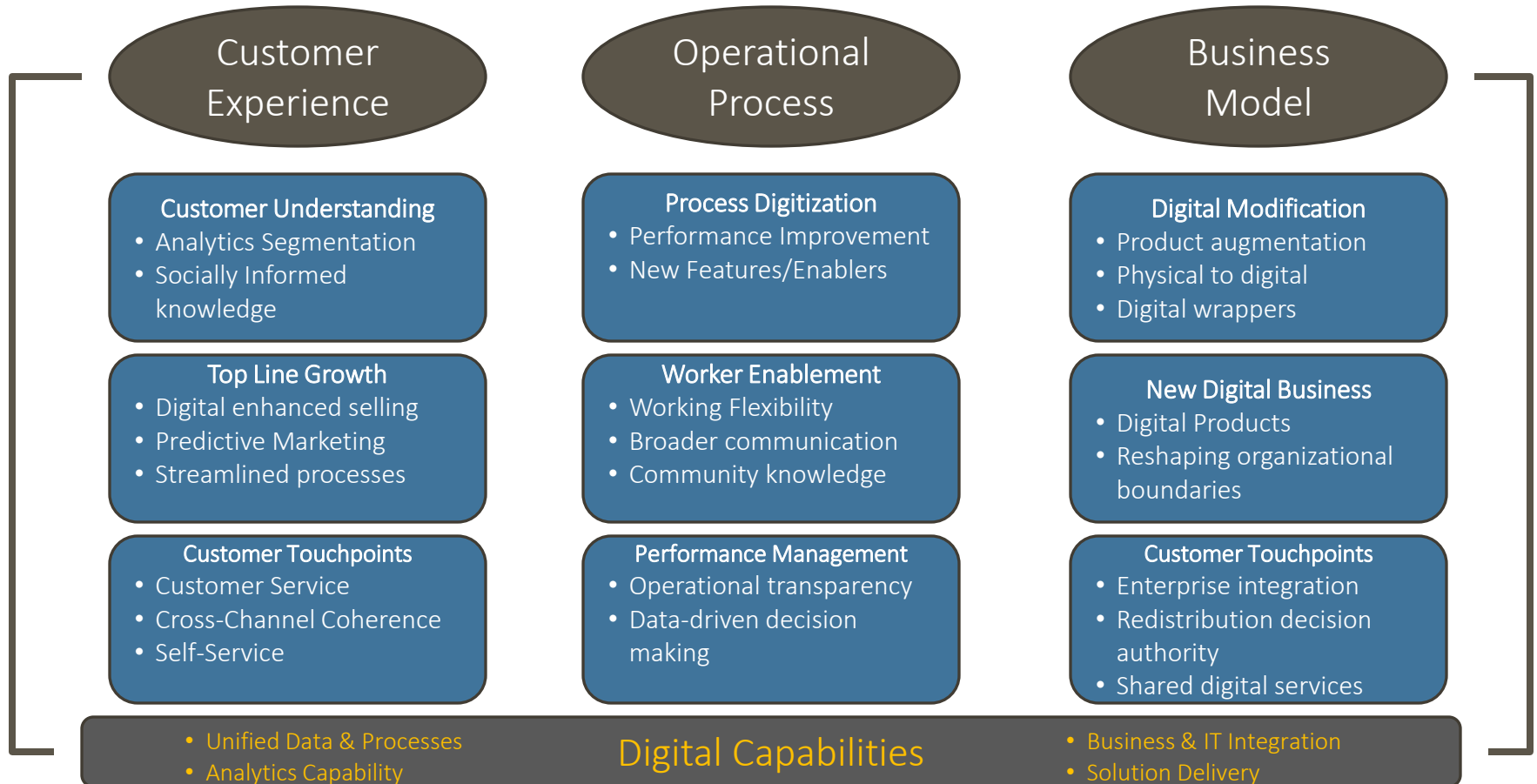
## Digital Architecture enabled by technology





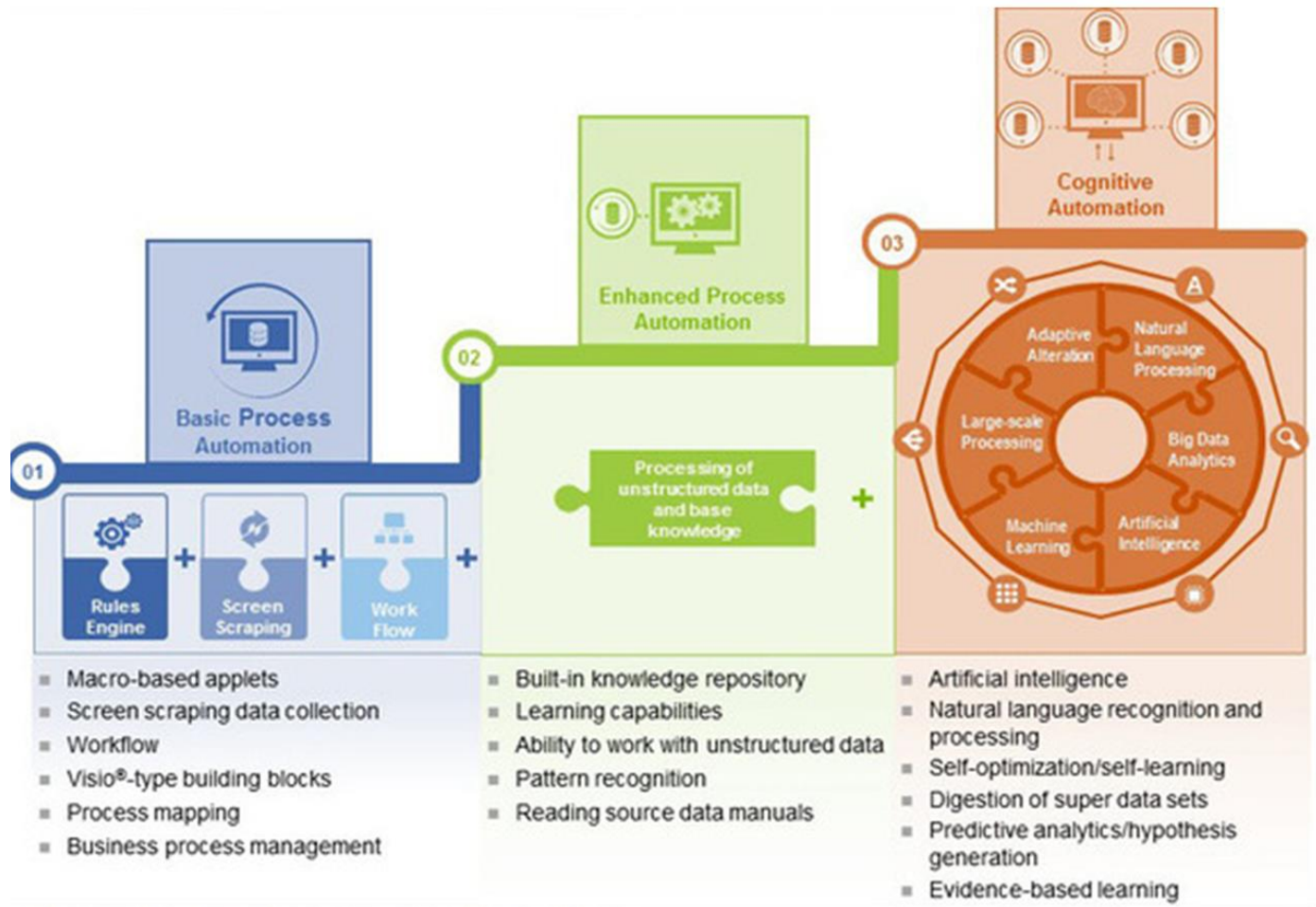
# Digital Transformation

Digital transformation hits each industry. But it can also affect all activities, divisions, functions and processes of the organization as it can impact the very business model as such.





# Digital Transformation - Automation



# Robotic Process Automation (RPA)

- Robotic automation lets organizations automate current tasks as if a real person was doing them across applications and systems
- Interacts with the individual systems in the same way as a human user, meaning no complex system integration
- Functional trained robots are virtual workers and rule-based information processes, improving accuracy and efficiency
- Robotic software can rapidly model and deploy automation



# RPA Focus Areas

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Target Businesses Processes where RPA can bring impact...



Take over repetitive tasks that employees carry out **50-60** times a day



Periodic reporting, data entry and **data analysis**



**Mass email** generation, archiving, extracting



**Conversion** of data formats and graphics



**ERP** transactions

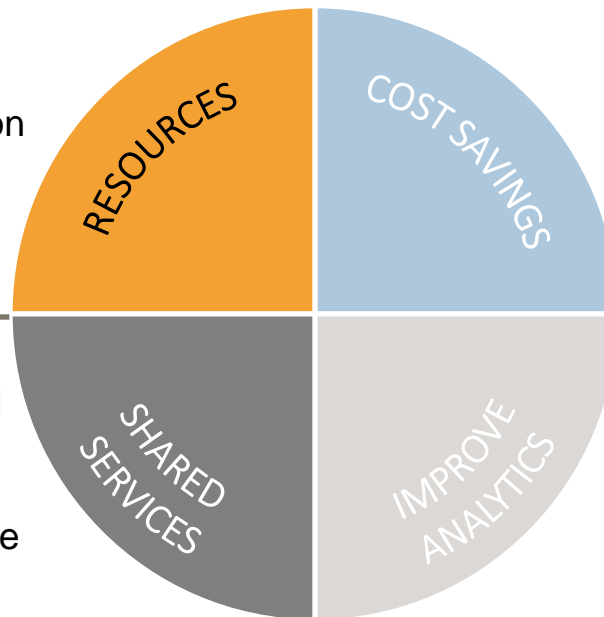


Process lists and **file storage**

# RPA Impact on Finance Function

- Robotic technology works alongside humans or can take over a process end to end
- Employees can use the time saved from robotic automation toward product and service innovation

- “Robots” can interact with systems similarly to a shared service center
- Reduce or eliminate the reliance on the shared service center
- Eliminate any drawbacks created from time zone restrictions



- Manual, wasteful processes can be eliminated by moving to robotic automation
- Margins will improve because robotic automation is less than half the cost of using an outsourcing provider
- Robotics executes thousands of tasks that would otherwise consume thousands of staff hours
- Employees can execute processes more frequently and efficiently by relegating repetitive manual tasks to robots

# Leading Vendors in RPA\*

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blueprism®

UiPath  
Robotic Process Automation

 Research at Google

leo KRYON SYSTEMS



Jacada

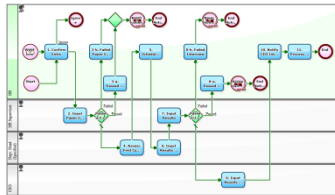


\* List not exhaustive

# Case Study

- Identify opportunities to streamline
- Determine potential efficiency savings that robotic automation can enable
- Identify processes that are good candidates for automation

## FINANCIAL CONSOLIDATION PROCESS



RPA  
BUSINESS  
DRIVERS

## FINANCIAL SERVICES COMPANY



- Estimated efficiency savings from robotics
- Tested approach and outcomes with key Finance leads/stakeholders
- Qualitative evaluation of processes to determine viable candidates for automation
- Rate processes on automation feasibility

BUSINESS  
IMPACT

Company received analysis of process candidates for robotic automation

**38%**  
Processes  
for Automation

Recommendations for potential savings for the finance consolidation function

**2,803**  
“High Priority”  
Hour Savings

**100%**  
Automation  
Candidates

Provided knowledge for future efficiency savings in total hours for the “High Priority” Processes

# Final Thoughts...

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- Digital is defined and has impacted every industry
- Everything is “Digital” and will become the new normal
- Significant finance efficiencies can be achieved through leveraging digital capabilities, beyond just the customer management processes

*How will your organization embrace or continue to embrace digital capabilities bringing impact to the organization?*



Thank You

