

The logo for Sector Alarm, featuring the word "SECTOR" in white and "ALARM" in red on a black background, with a red alarm bell icon to the right of "ALARM".

**SECTOR
ALARM**•)))

Din trygghet. Vår lidenskap.

Lean 4.0 – Lean and digital automation

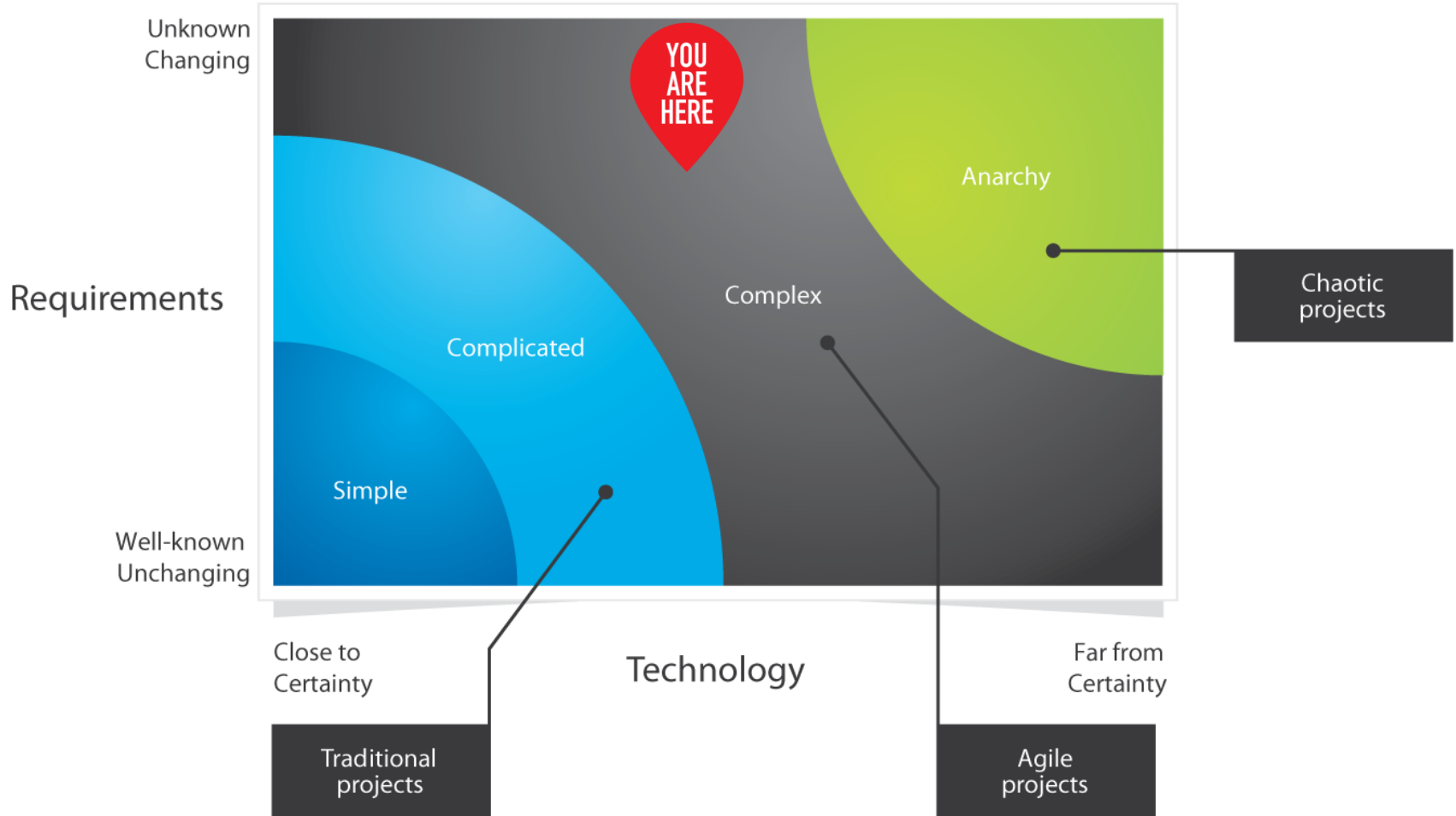
Lean Forum 2018

Who are
**Sector
Alarm?**



The era of low tech improvement
projects is **over**





Operational
competitive advantage

**Operational
Improvement**

Structured approach
for Lean and
Continuous
Improvement

**Integrated
Architecture**

Process taxonomy
(mapped end-to-end),
Systems & Data.

**Management
by Process**

KPI targets,
responsibilities and
governance structures

**Digital
Technologies**

Agility, Automation,
Digital Technologies,
Lean Start-Up

Maturity

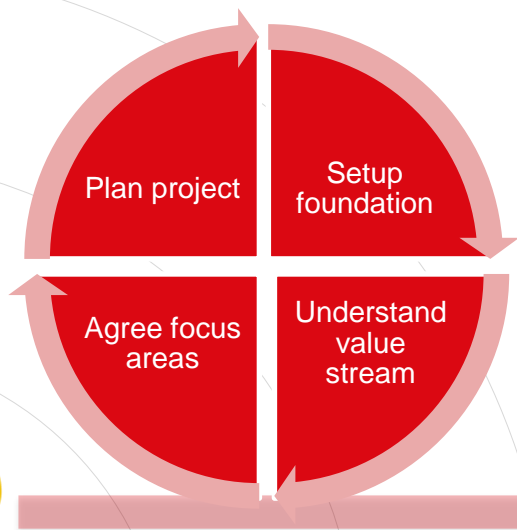
The background is a solid red color. There are several thin, white, concentric circles of varying sizes scattered across the page. One circle is in the upper left, another is in the upper right, and a larger one is in the lower left. The text is centered in the middle of the page.

**How have we applied
automation and lean?**

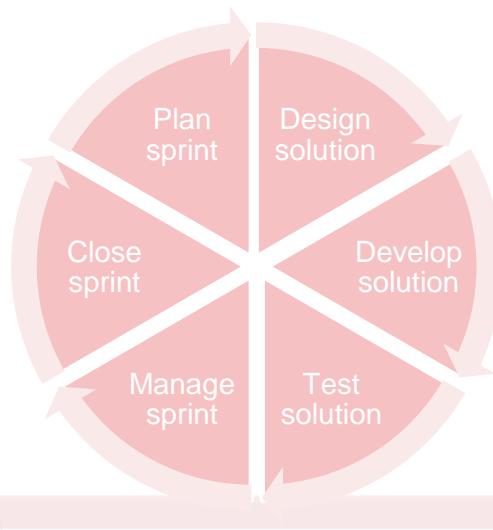
How have we applied **Digital Automation and Lean?**

**SECTOR
ALARM**)))

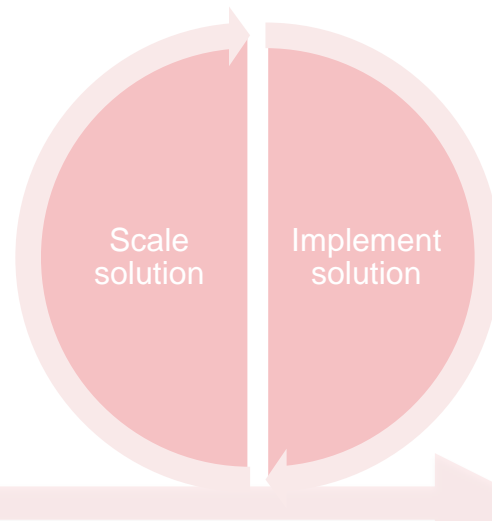
Our **agile approach**



Discovery



Sprint cycle

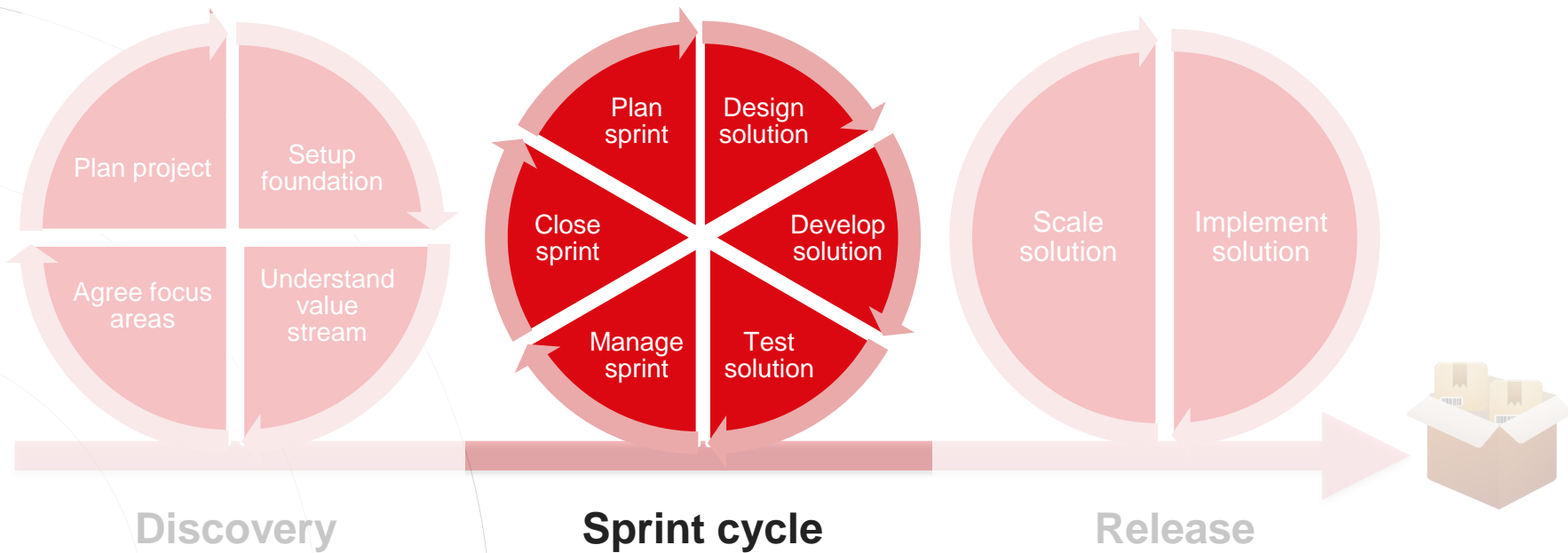


Release

How have we applied **Digital Automation and Lean?**

**SECTOR
ALARM**)))

Our agile approach



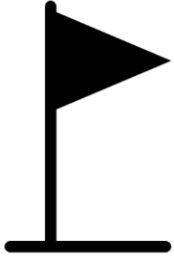


Sprint cycle

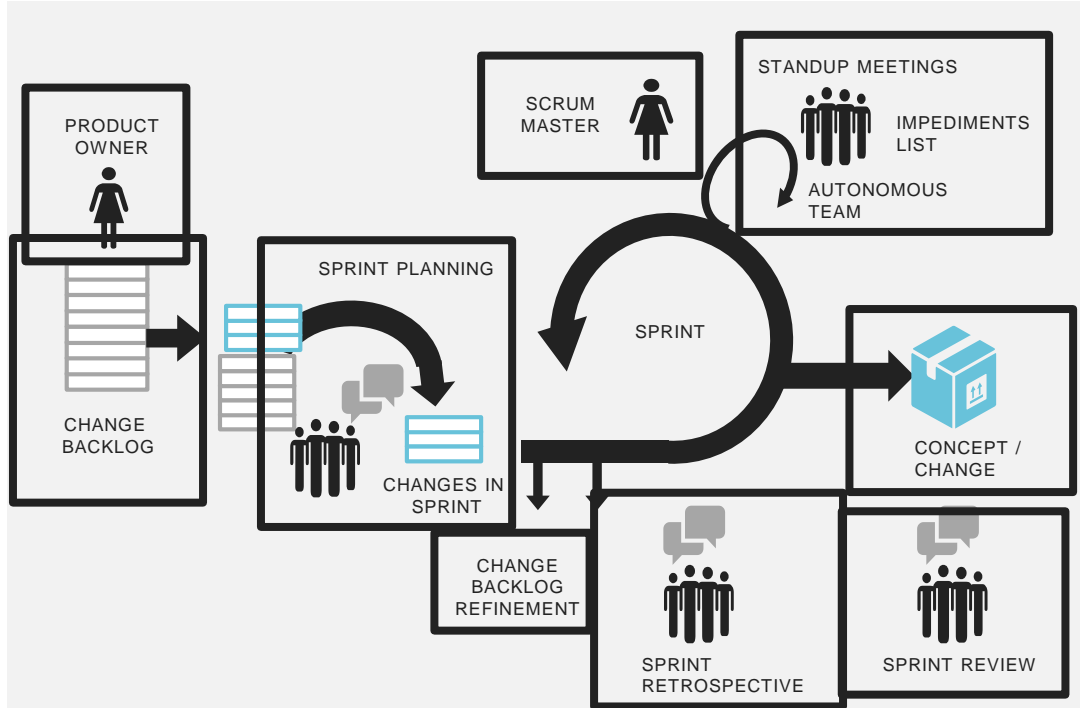
Our agile roles, ceremonies and artifacts



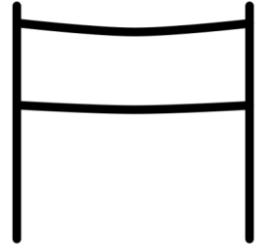
START



We start a change story



FINISH



And end with a change

Multidisciplinary teams



**SECTOR
ALARM)))**

2

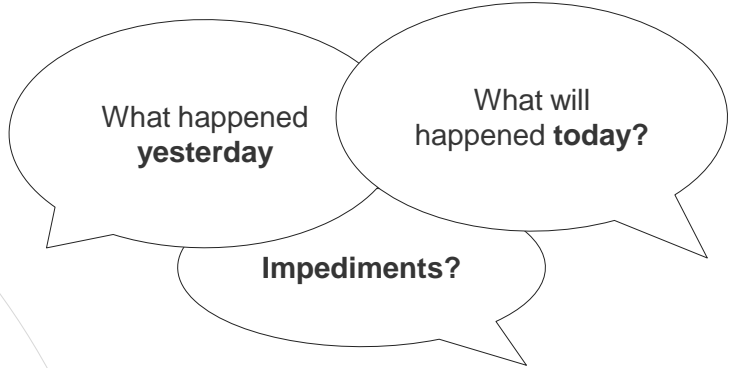
Customer center


3

Technical support

4

Scrum Master



5

Process

1

Alarm central

6

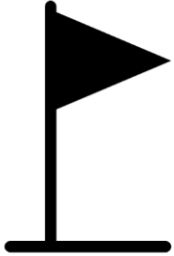
Automation



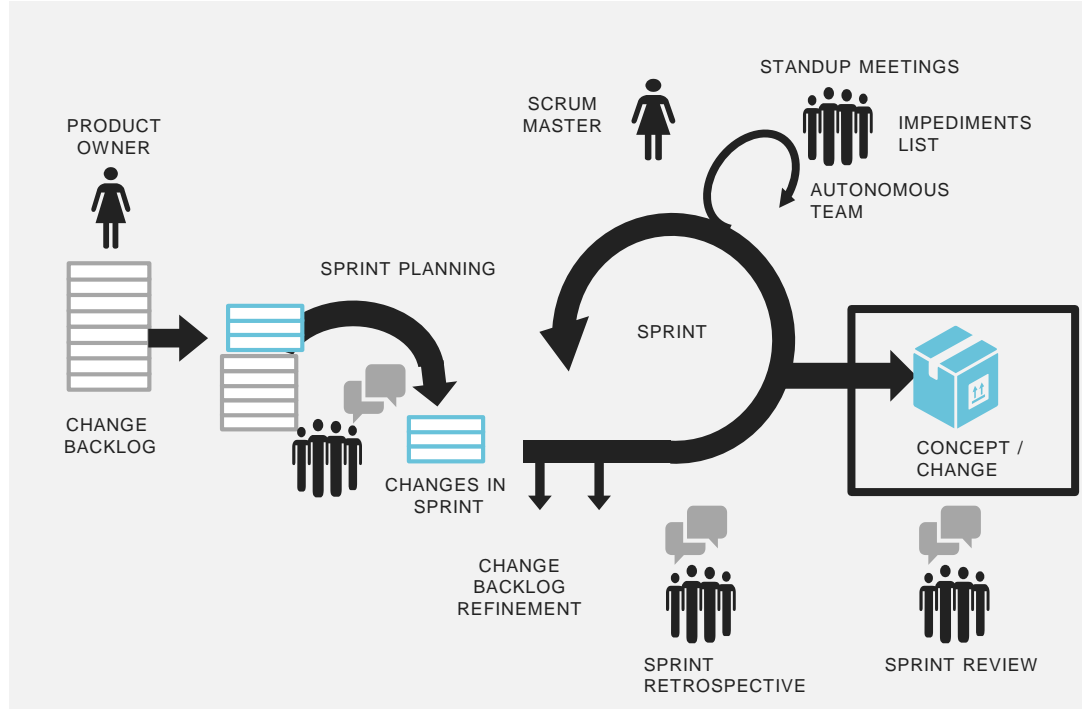
Sprint cycle

Our agile roles, ceremonies and artifacts

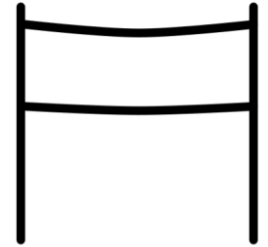
START



We start a change story:



FINISH



And end with a change

A robot is nothing more than a **virtual employee**

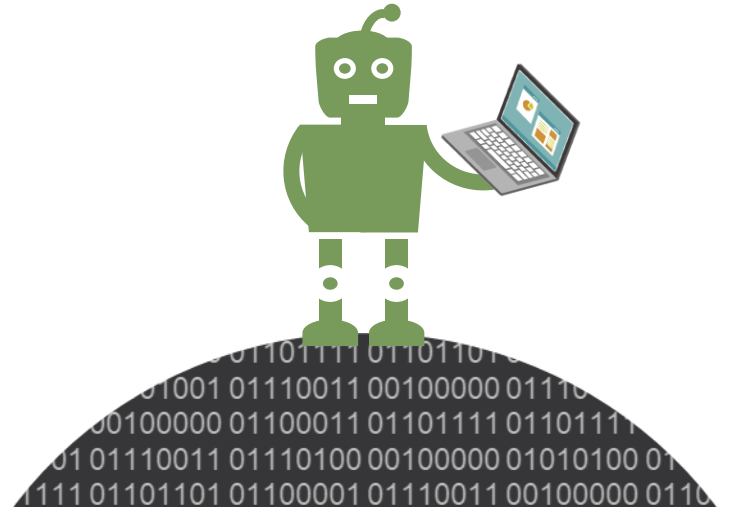


Username: frank@sectoralarm.com

Password: *****

Username: robot@sectoralarm.com

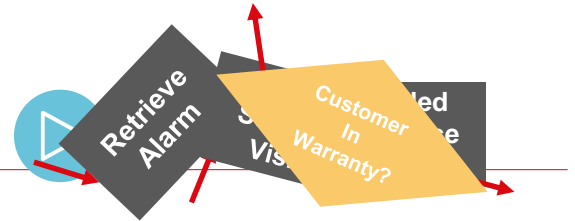
Password: *****



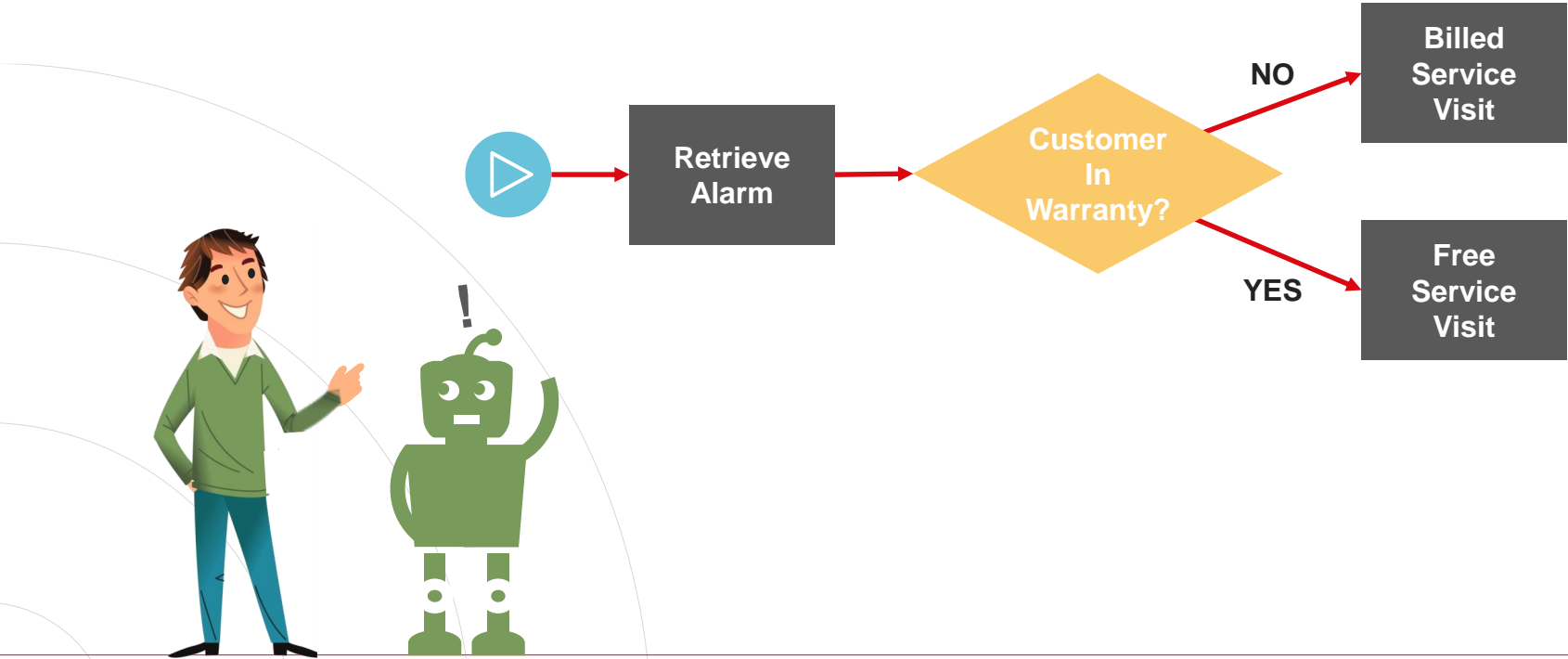
Automation is simple, if you do it right



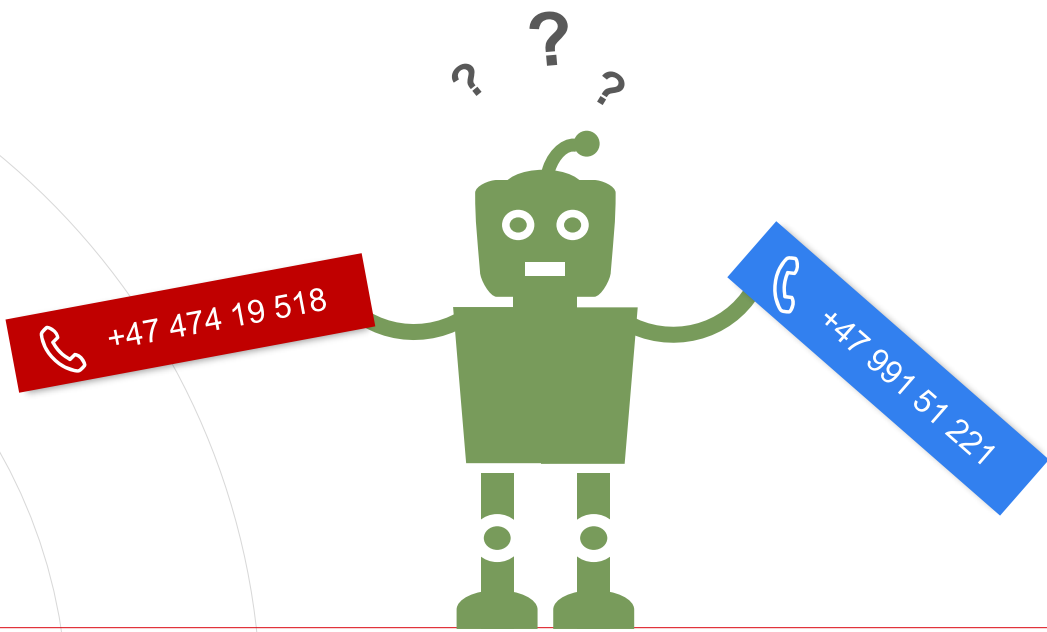
Designed by Bright



Process design and business rules are essential when automating



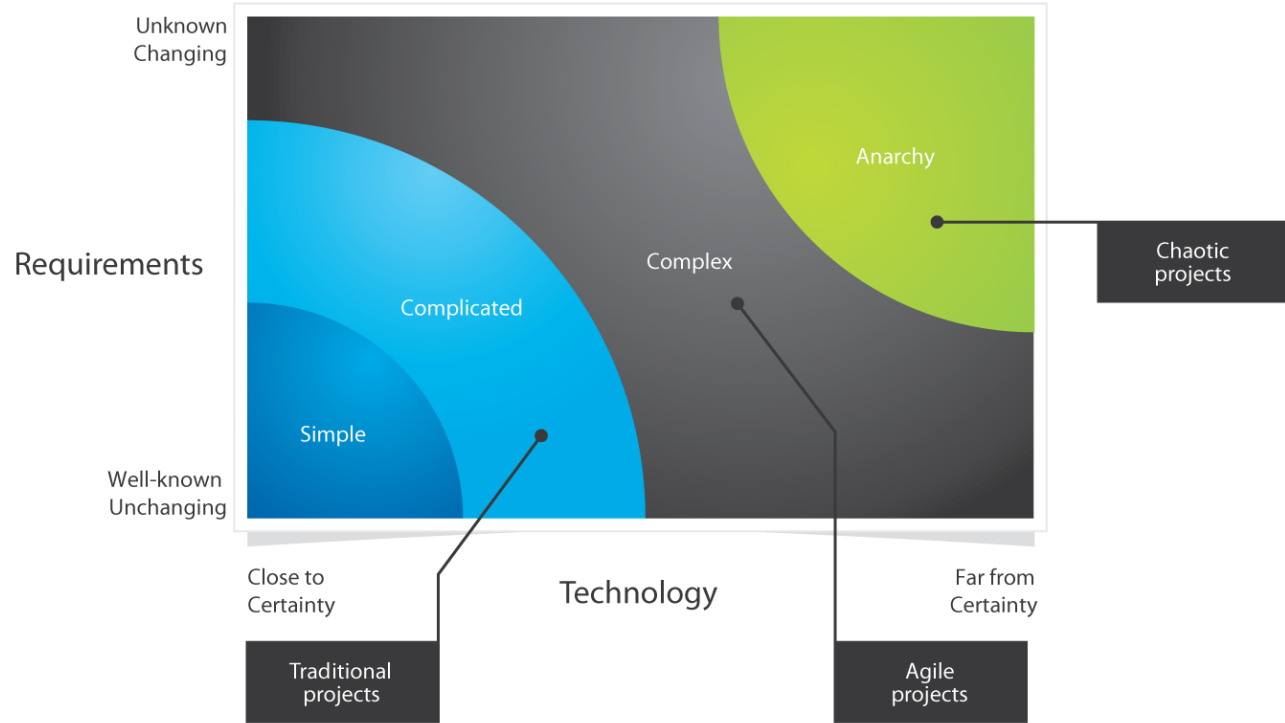
Data **consistency** makes everything better



The background is a solid red color. There are three white circles of varying sizes. One is a small circle in the upper left. A larger one is in the middle left. The largest one is on the right side, partially cut off by the edge of the frame.

What have we learned?

What have we learned?



Complex changes benefit from **Agile** way of working

Operational competitive advantage

Operational Improvement

Structured approach for Lean and Continuous Improvement

Integrated Architecture

Process taxonomy (mapped end-to-end), Systems & Data.

Management by Process

KPI targets, responsibilities and governance structures

New digital technologies

Agility, Automation, Digital Technologies, Lean Start-Up

Maturity

Focus on all **four capabilities in parallel**

Operational competitive advantage

Operational Improvement

Structured approach for Lean and Continuous Improvement

Integrated Architecture

Process taxonomy (mapped end-to-end), Systems & Data.

Management by Process

KPI targets, responsibilities and governance structures

New digital technologies

Agility, Automation, Digital Technologies, Lean Start-Up

Maturity

Culture and capability for continuous improvement remains the foundation

Operational competitive advantage

Operational
Improvement

**Integrated
Architecture**

Management
by Process

New digital
technologies

Structured approach
for Lean and
Continuous
Improvement

Process taxonomy
(mapped end-to-end),
Systems & Data.

KPI targets,
responsibilities and
governance structures

Agility, Automation,
Digital Technologies,
Lean Start-Up

Maturity

Map and straighten out system & data architecture

Operational competitive advantage

Operational
Improvement

Structured approach
for Lean and
Continuous
Improvement

Integrated
Architecture

Process taxonomy
(mapped end-to-end),
Systems & Data.

**Management
by Process**

KPI targets,
responsibilities and
governance structures

New digital
technologies

Agility, Automation,
Digital Technologies,
Lean Start-Up

Maturity

Enable managers to **control the process**

Operational competitive advantage

Operational
Improvement

Structured approach
for Lean and
Continuous
Improvement

Integrated
Architecture

Process taxonomy
(mapped end-to-end),
Systems & Data.

Management
by Process

KPI targets,
responsibilities and
governance structures

**New digital
technologies**

Agility, Automation,
Digital Technologies,
Lean Start-Up

Maturity

Improvement team should **include developers**