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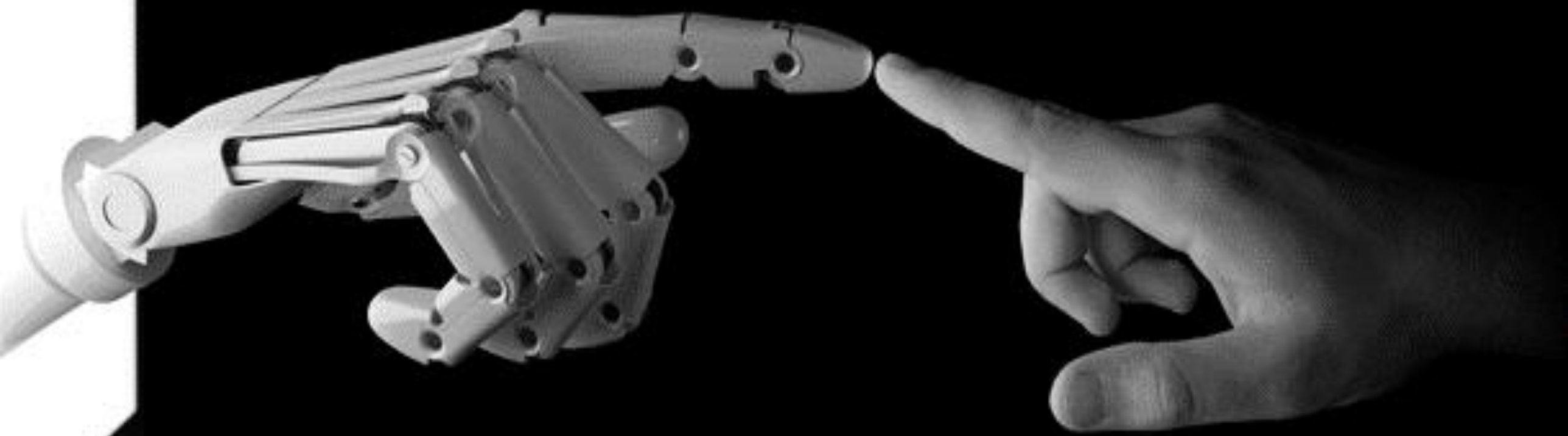
The rise of the machines



Stuart Dickinson
Director / General Manager, DXC Oxygen

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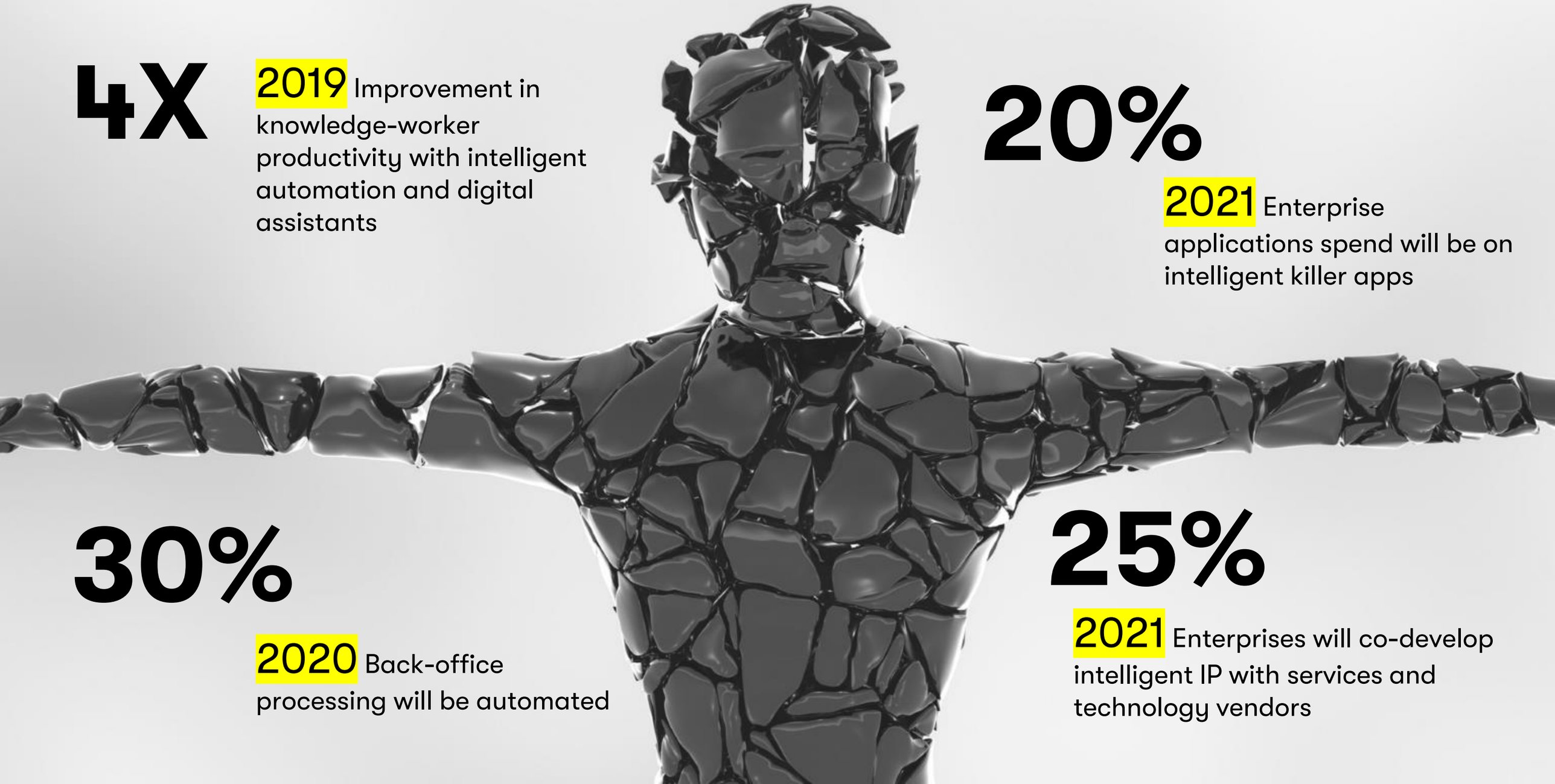


4X

2019 Improvement in knowledge-worker productivity with intelligent automation and digital assistants

20%

2021 Enterprise applications spend will be on intelligent killer apps

30%

2020 Back-office processing will be automated

25%

2021 Enterprises will co-develop intelligent IP with services and technology vendors

45% RPA growth ANZ

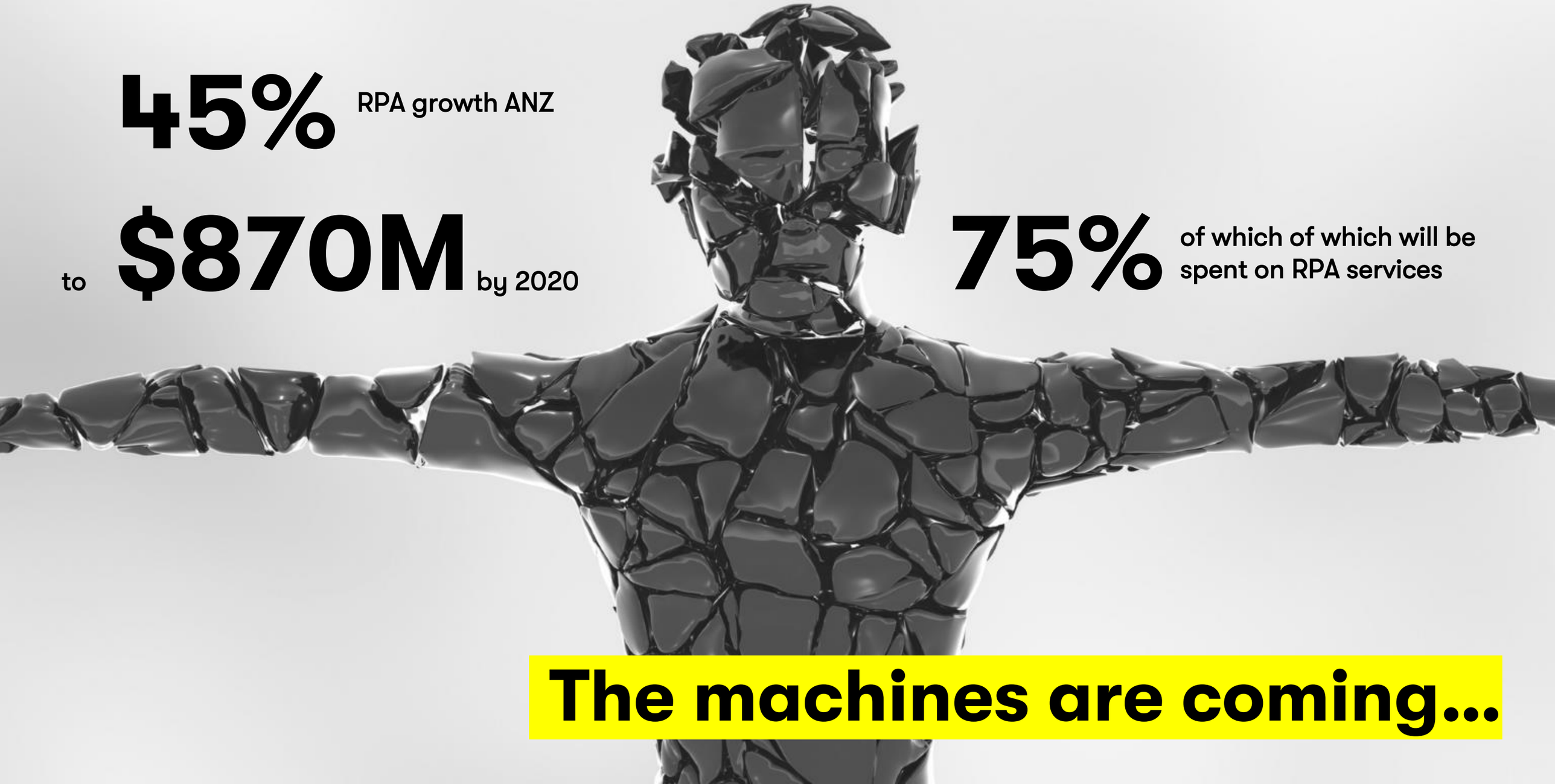
to **$870M** by 2020

75% of which of which will be spent on RPA services

45% RPA growth ANZ

to **$870M** by 2020

75% of which of which will be spent on RPA services



The machines are coming...

There’s a bot for that!

… there’s a bot for that!

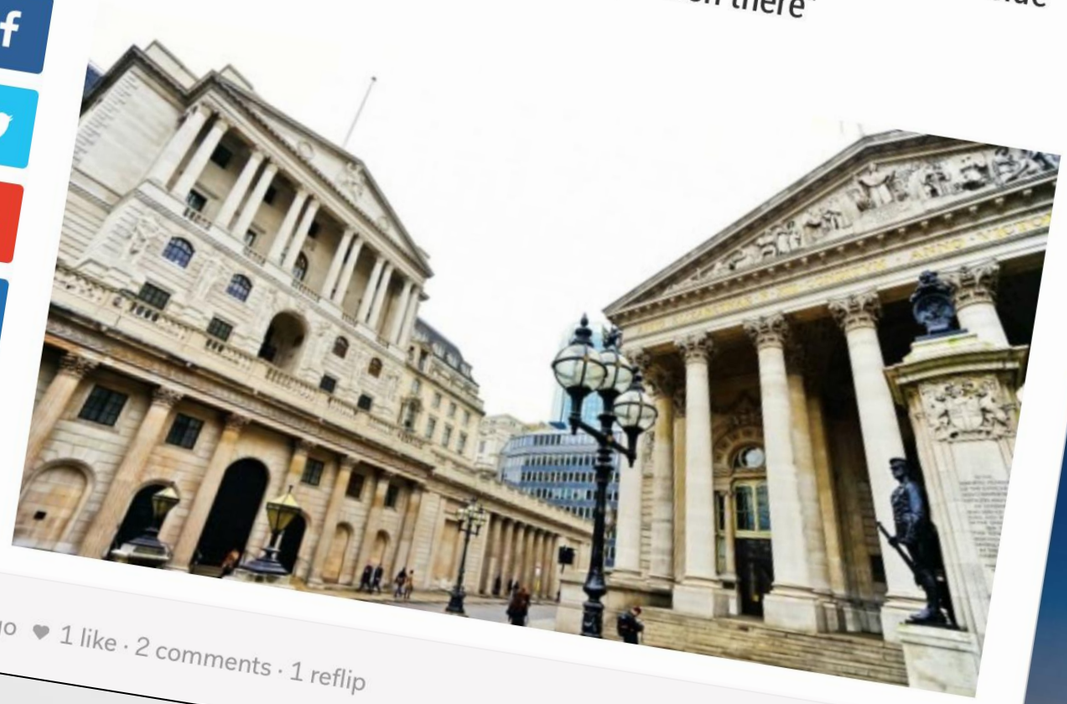
…but take care

Business

Bank of England chief economist warns AI will kick us out of jobs

The chief economist at the Bank of England has warned of the "dark side" of technological revolutions, says it's "always been there"

Bobby Hellard 21 Aug 2018



Alphr 1 hour ago ♥ 1 like · 2 comments · 1 reflip

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- Kodi
- Oculus Rift
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- iPad Pro
- iPhone X

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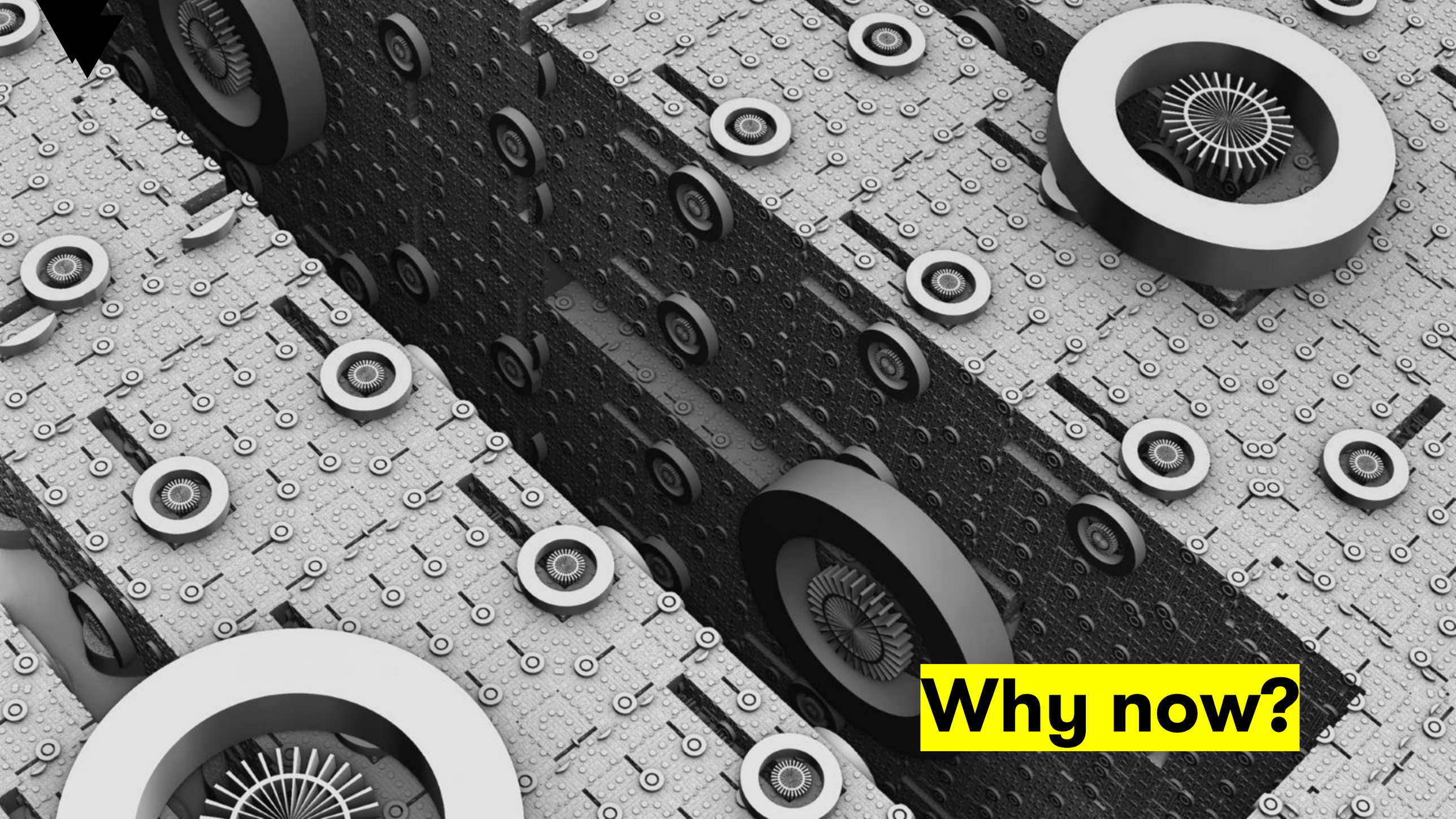
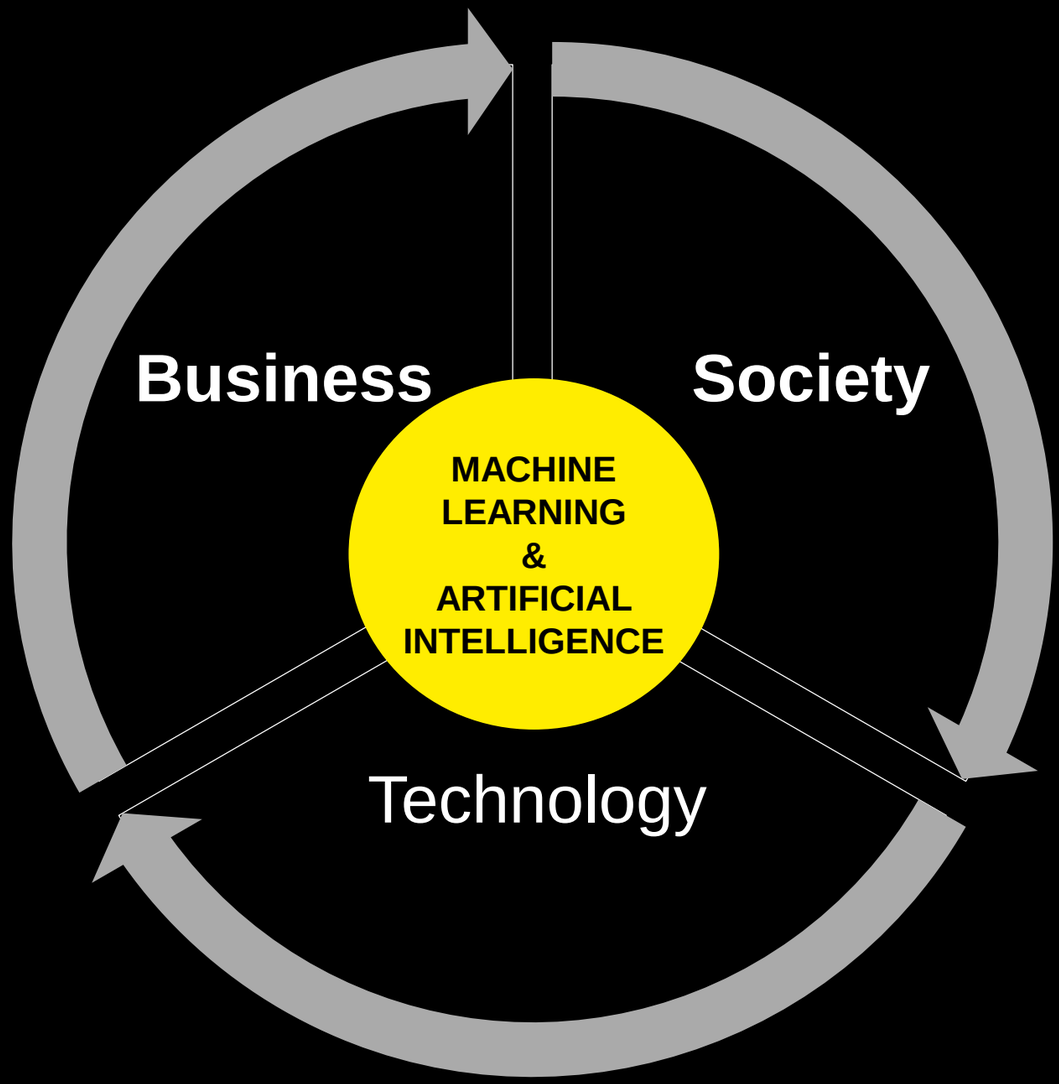
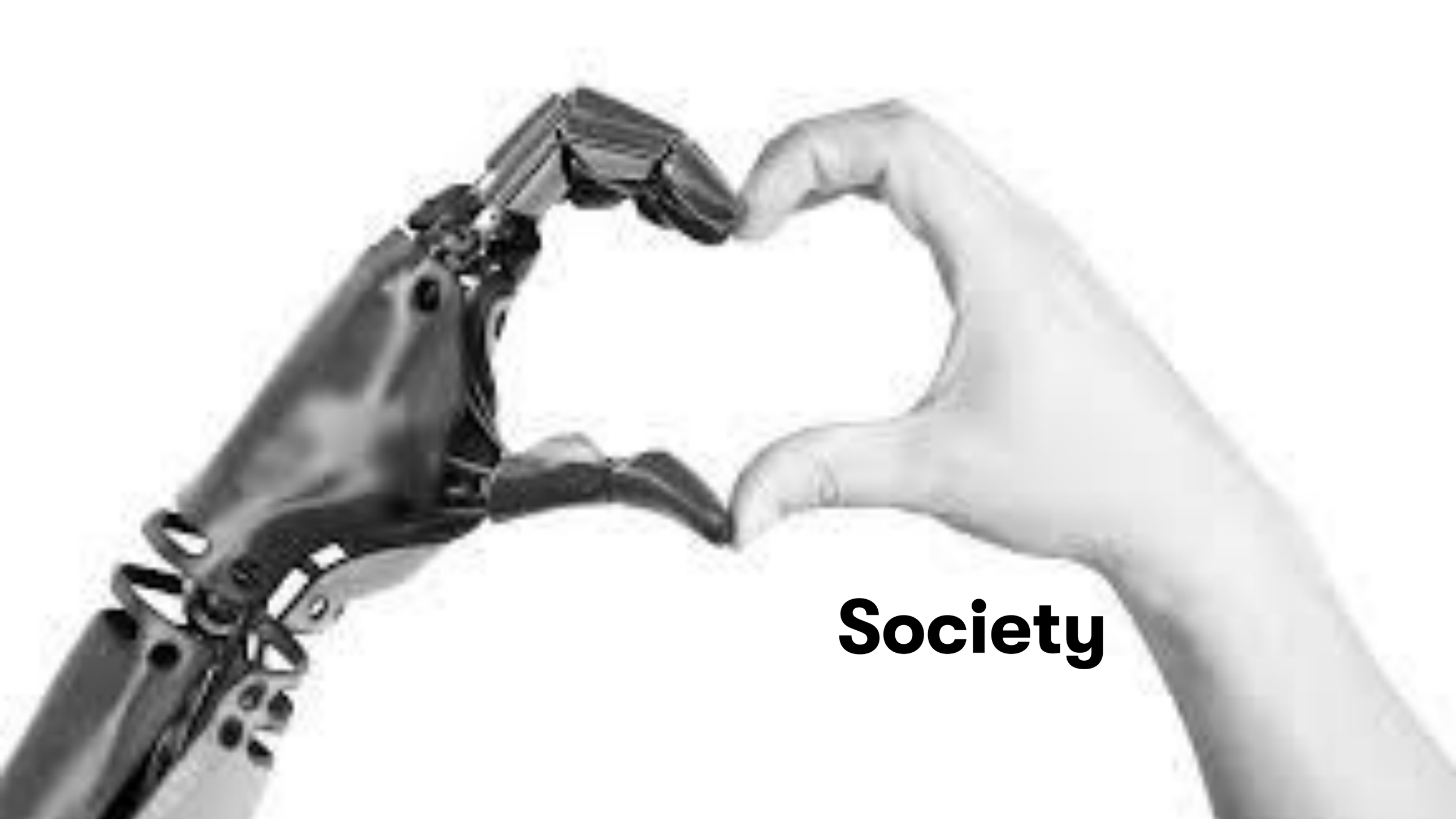
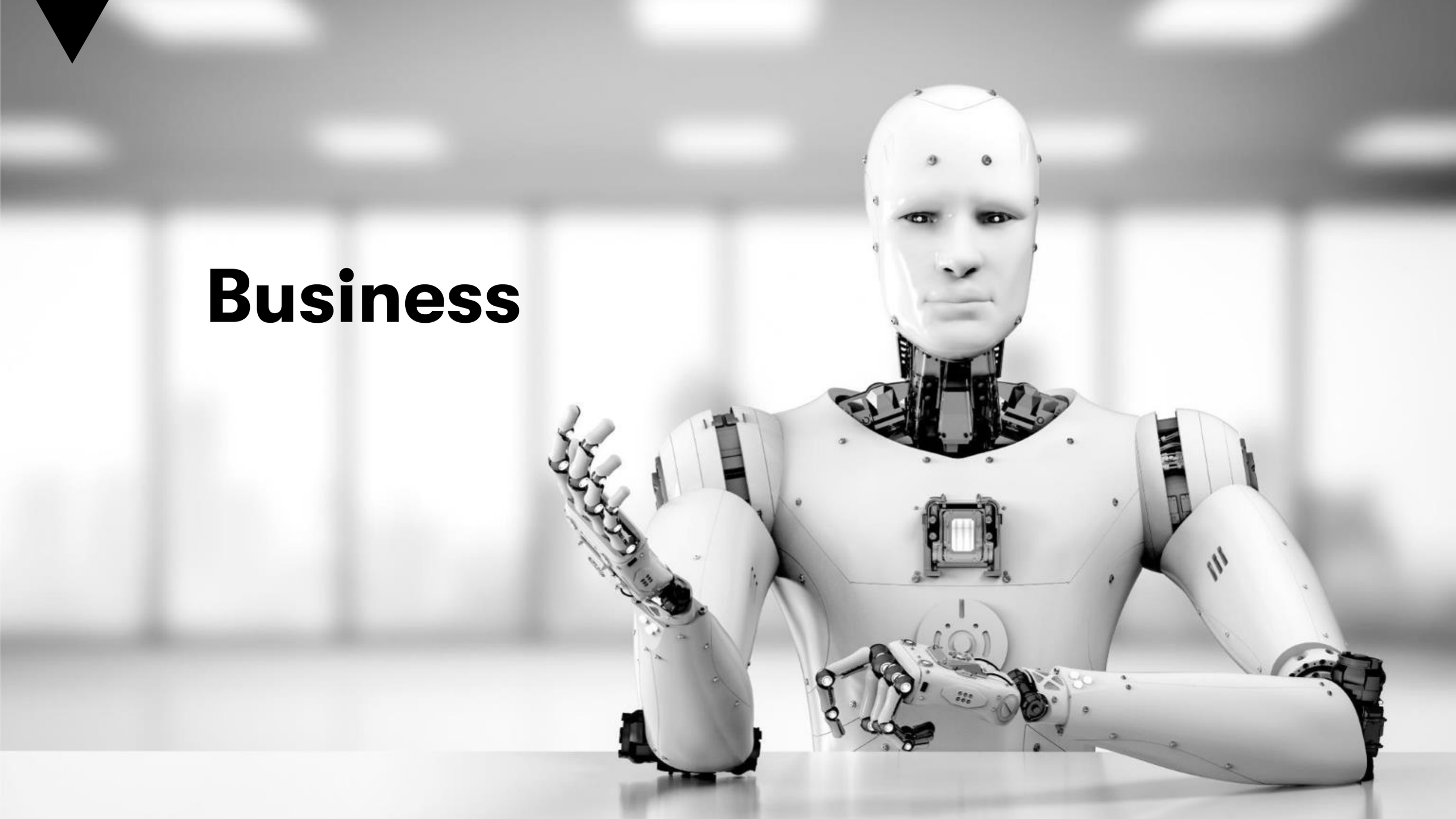

Why now?

The golden year



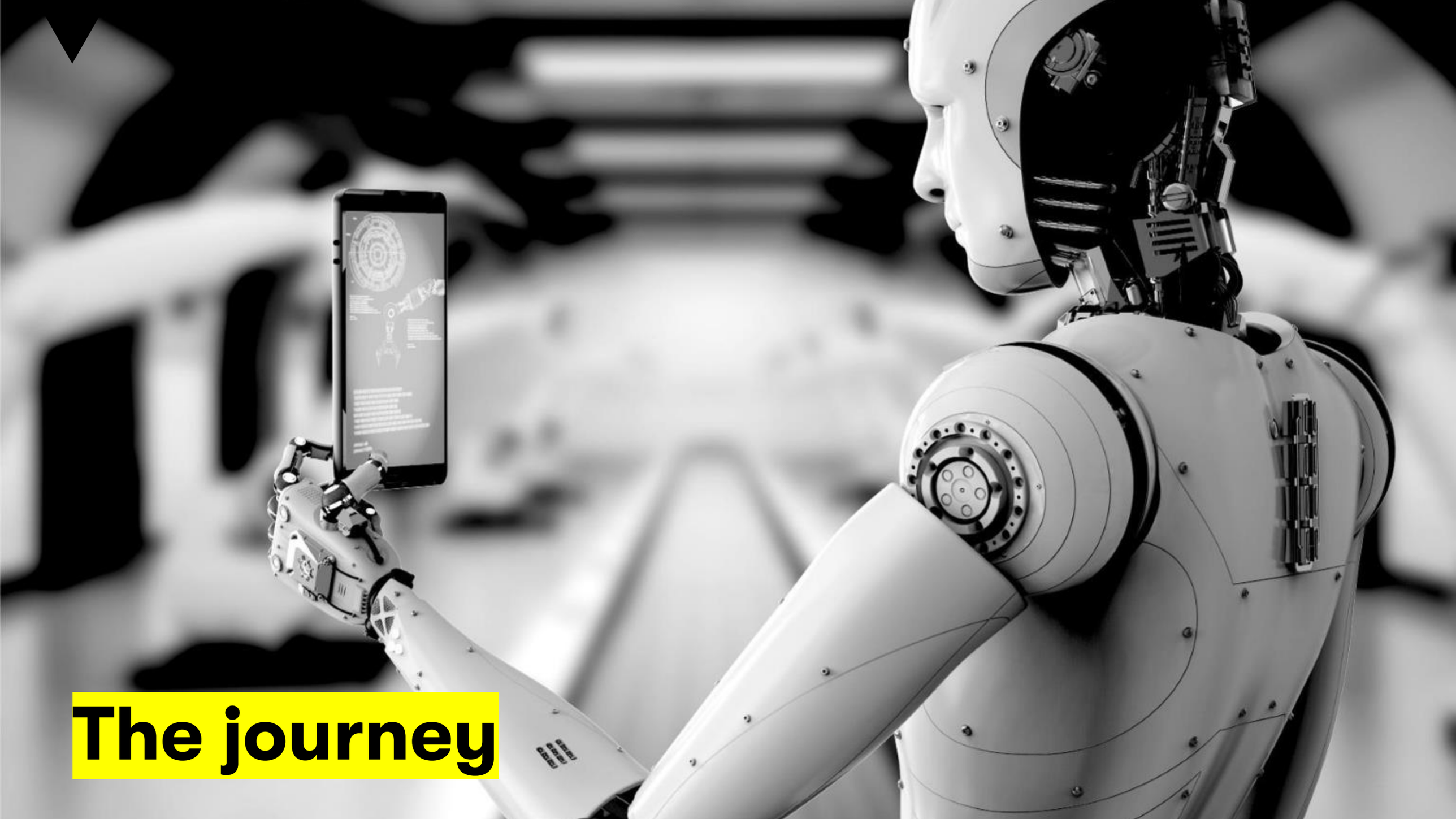

Society

Business

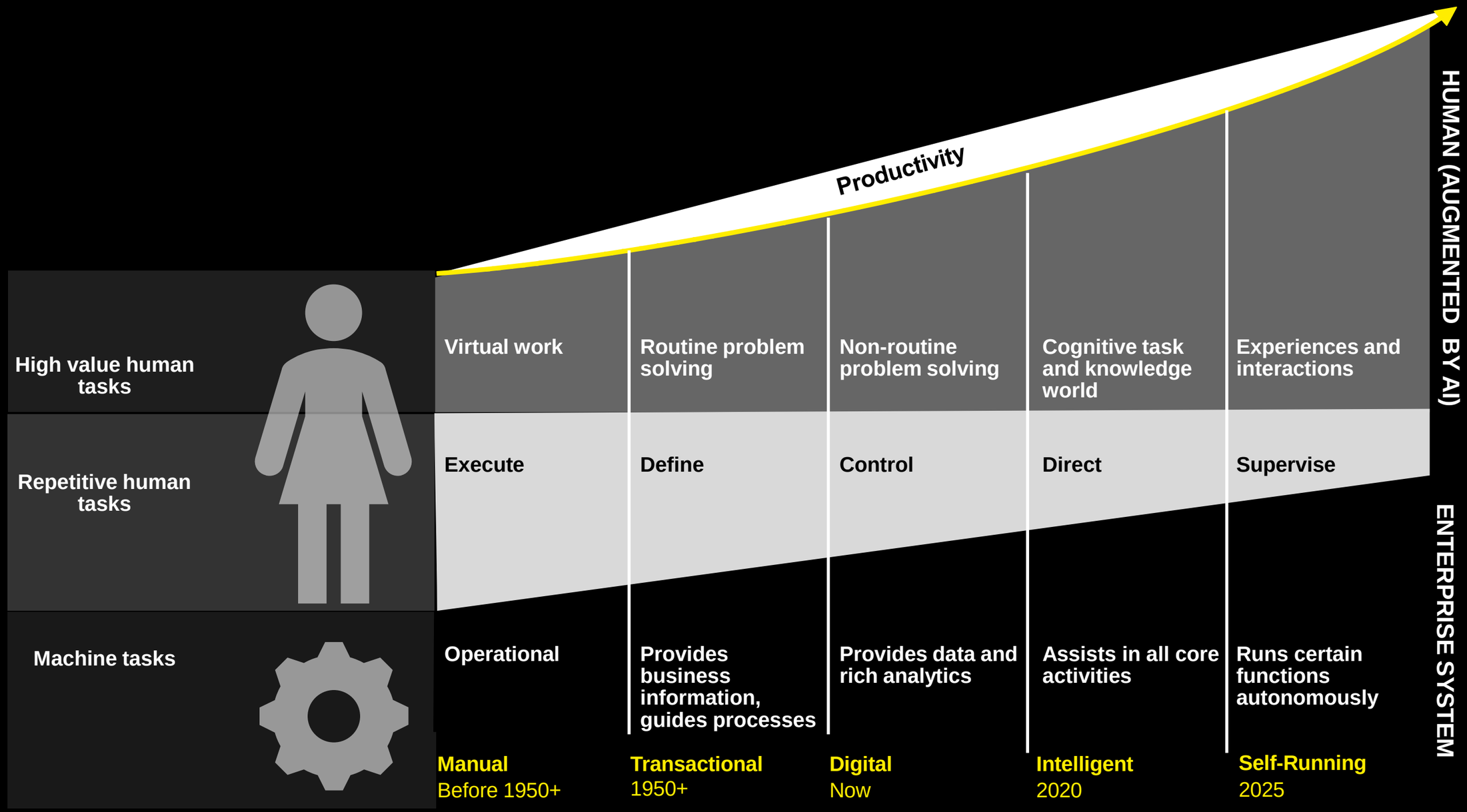


Technology

We understand
the why...



The journey


Productivity
HUMAN (AUGMENTED BY AI)
ENTERPRISE SYSTEM
High value human tasks
Repetitive human tasks
Machine tasks
Virtual work
Routine problem solving
Non-routine problem solving
Cognitive task and knowledge world
Experiences and interactions
Execute
Define
Control
Direct
Supervise
Operational
Provides business information, guides processes
Provides data and rich analytics
Assists in all core activities
Runs certain functions autonomously
Manual
Before 1950+
Transactional
1950+
Digital
Now
Intelligent
2020
Self-Running
2025

Tools, ready

Make all applications intelligent

SAP

- **76%** of the worlds' transaction revenue
- Largest business network of the world
- **25** Industries
- **12** Lines of business

+

SAP Leonardo Machine Learning

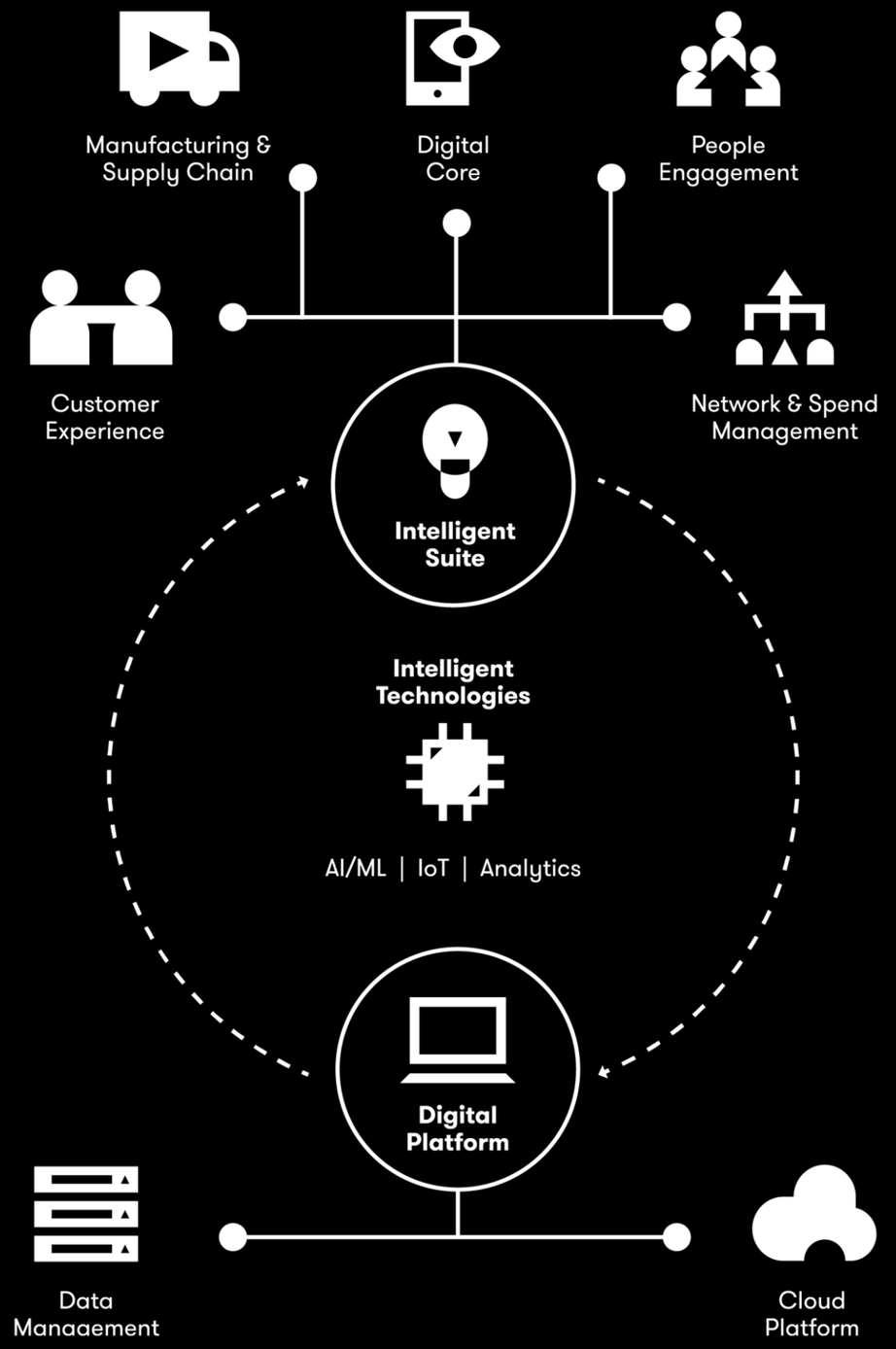
- Conversational interfaces
- Intelligent Applications
- Intelligent Services
- Data Science Platform
- SAP Cloud Platform & SAP HANA

=

Self-driving Intelligence Business Outcomes

- Increase Revenue
- Re-imagine processes
- Quality from at work
- Customer satisfaction
- Existing Innovations

Welcome to your Intelligent Enterprise



Conversational user interfaces

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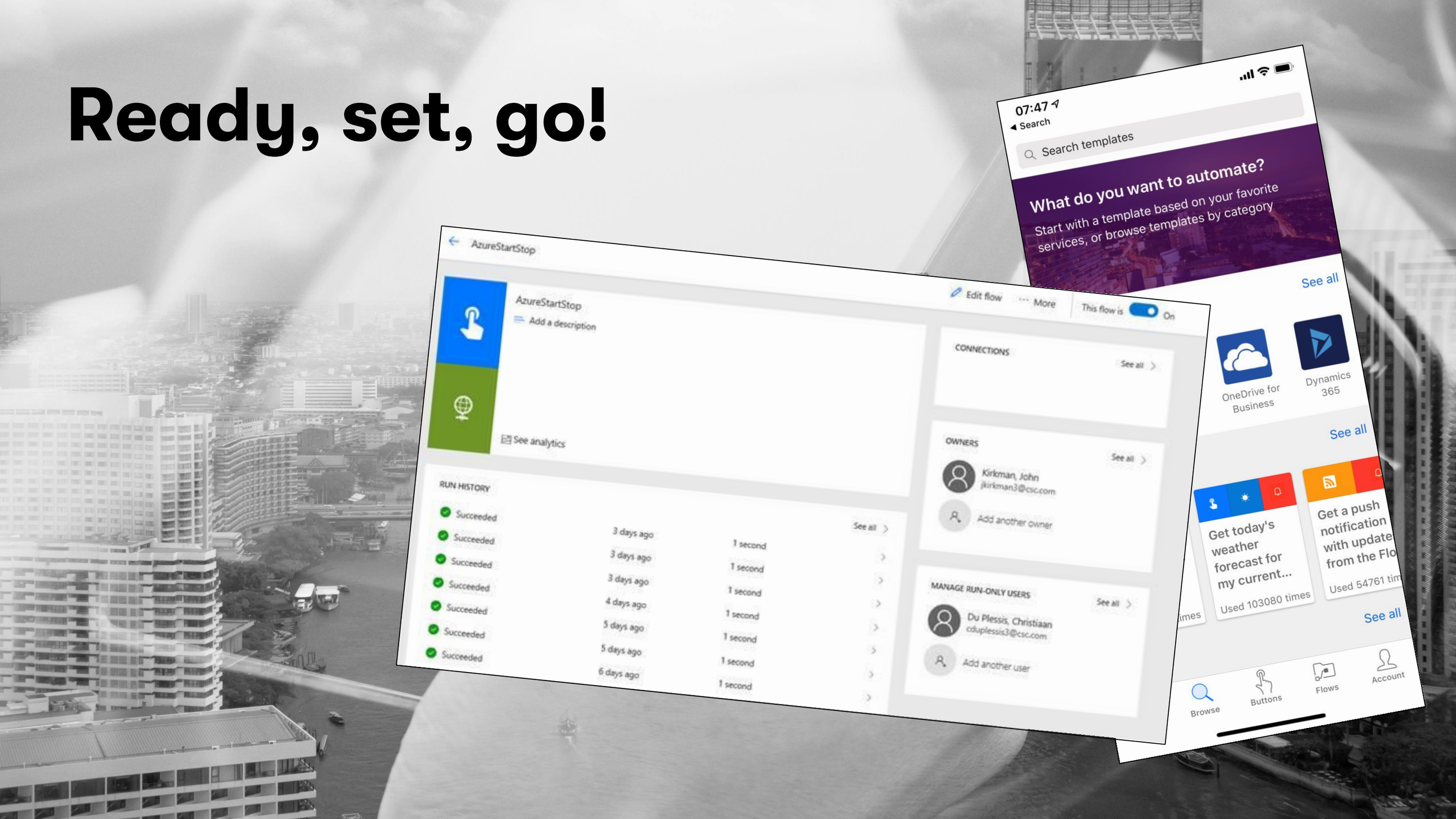
MARIA

Multipurpose Artifical Response Intelligence Agent

Speech

Text Bot

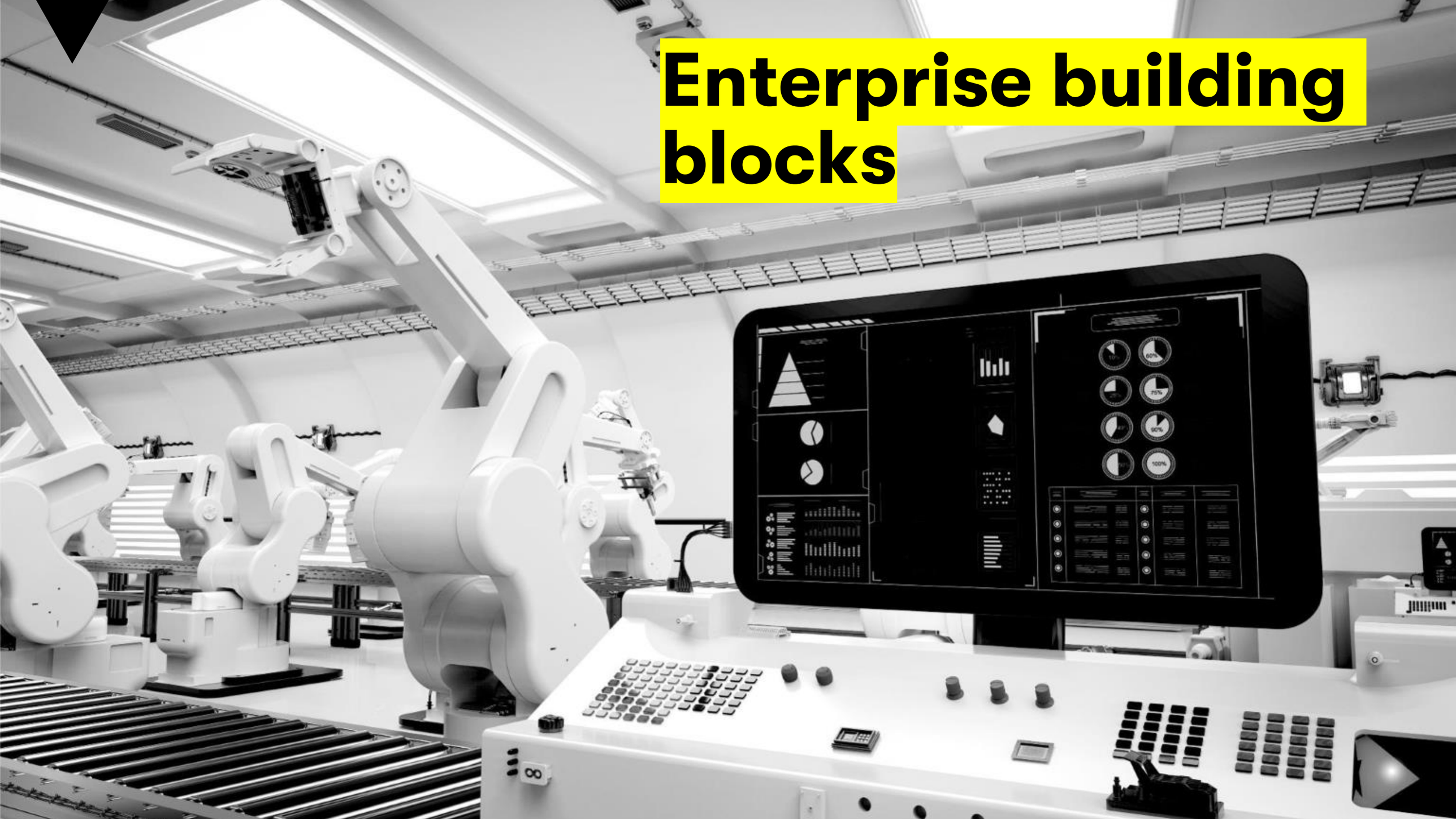
Ready, set, go!


07:47
Search
Search templates
What do you want to automate?
Start with a template based on your favorite services, or browse templates by category
See all
OneDrive for Business
Dynamics 365
See all
Get today's weather forecast for my current...
Used 103080 times
Get a push notification with update from the Flo
Used 54761 tim
See all
Browse
Buttons
Flows
Account
AzureStartStop
Edit flow
More
This flow is
On
AzureStartStop
Add a description
See analytics
CONNECTIONS
See all
OWNERS
See all
Kirkman, John
jkirkman3@csc.com
Add another owner
MANAGE RUN-ONLY USERS
See all
Du Plessis, Christiaan
cduplessis3@csc.com
Add another user
RUN HISTORY
See all
Succeeded
3 days ago
1 second
Succeeded
3 days ago
1 second
Succeeded
3 days ago
1 second
Succeeded
4 days ago
1 second
Succeeded
5 days ago
1 second
Succeeded
5 days ago
1 second
Succeeded
6 days ago
1 second

RPA
$\frac{\text{Action}^{\text{Learning}}}{\text{(t)ime}} = \text{Agility}$

… SAP ML in action

Enterprise building blocks



3,000.0
2,500.0
2,000.0
1,500.0
1,000.0
500.0
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Data

Process consistency

Systems integration & connection

Culture

The role of the CIO

then a video TBC then close

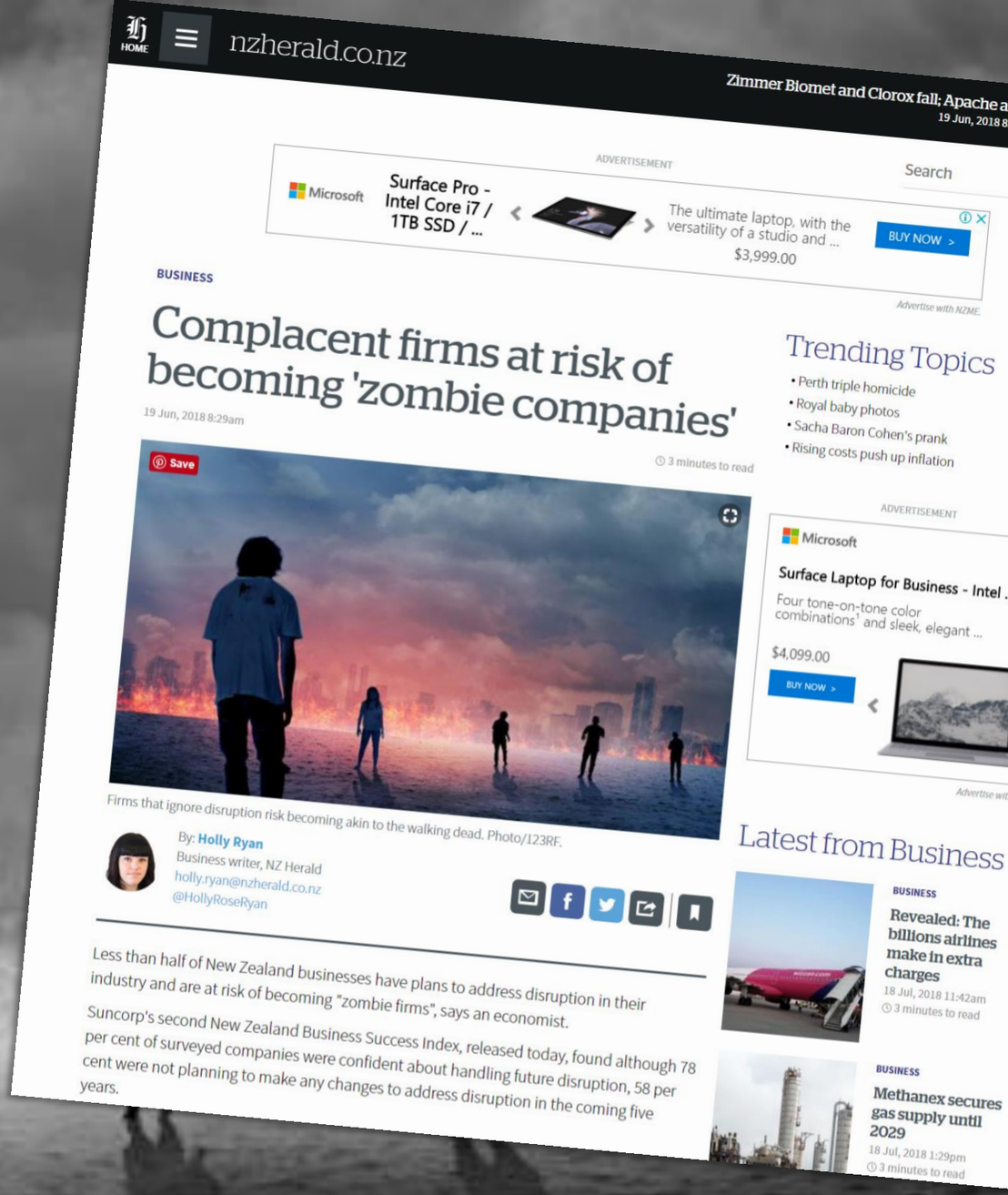
Build understanding

Process integration

A common platform

The human touch

Danger ahead



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Zimmer Biomet and Clorox fall; Apache a
19 Jun, 2018 8

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BUSINESS

Complacent firms at risk of becoming 'zombie companies'

19 Jun, 2018 8:29am

3 minutes to read

Save

Firms that ignore disruption risk becoming akin to the walking dead. Photo/123RF.

By: Holly Ryan
Business writer, NZ Herald
holly.ryan@nzherald.co.nz
@HollyRoseRyan

Less than half of New Zealand businesses have plans to address disruption in their industry and are at risk of becoming "zombie firms", says an economist.

Suncorp's second New Zealand Business Success Index, released today, found although 78 per cent of surveyed companies were confident about handling future disruption, 58 per cent were not planning to make any changes to address disruption in the coming five years.

Trending Topics

- Perth triple homicide
- Royal baby photos
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18 Jul, 2018 11:42am

3 minutes to read

BUSINESS

Methanex secures gas supply until 2029

18 Jul, 2018 1:29pm

3 minutes to read

Source NZ Herald

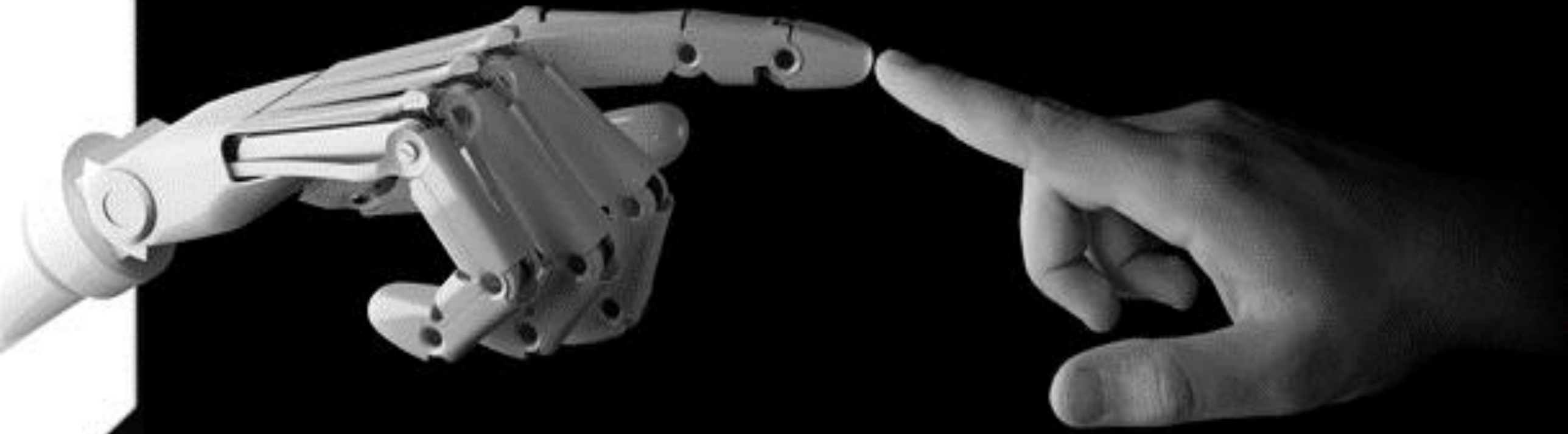
How do we become relevant again?

“The outside world will push you into irrelevance if you won’t or can’t embrace powerful trends quickly. If you fight them, you are probably fighting the future. Embrace them and you have tail wind.

We are in the middle of an obvious one right now: Machine Learning and AI”

Jeff Bezos, CEO, Amazon

… the rise of the machines



Stuart Dickinson
Director / General Manager, DXC Oxygen

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Rise of the Machines – Attributable Content Sources

Videos

- **(Slide 7)** Google Assistant - Google IO 2018
- **(Slide 25)** SAP Accounts Payable Machine Learning - SAP Sapphire Keynote 2018

Text / Graphics

- **(Slide 17)** SAP Sapphire 2018 - Innovation Session
- **(Slide 3)** SAP Sapphire 2018 - IDC Partner Session
- **(Slide 5)** Telsyte Research 2018
- **(Slide 19)** SAP Sapphire 2018 – Partner Session
- **(Slide 36)** NZ Herald – 19 June 2018
- **(Slide 9)** The Times – 21 August 2018

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