Robotic Process Automation (RPA): Getting Started

INTRODUCTION TO ROBOTIC PROCESS AUTOMATION (RPA)

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IT PROJECT MANAGER

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Course Overview

Introduction to RPA

Where to use RPA

The robot lifecycle

Implementation

Module Overview

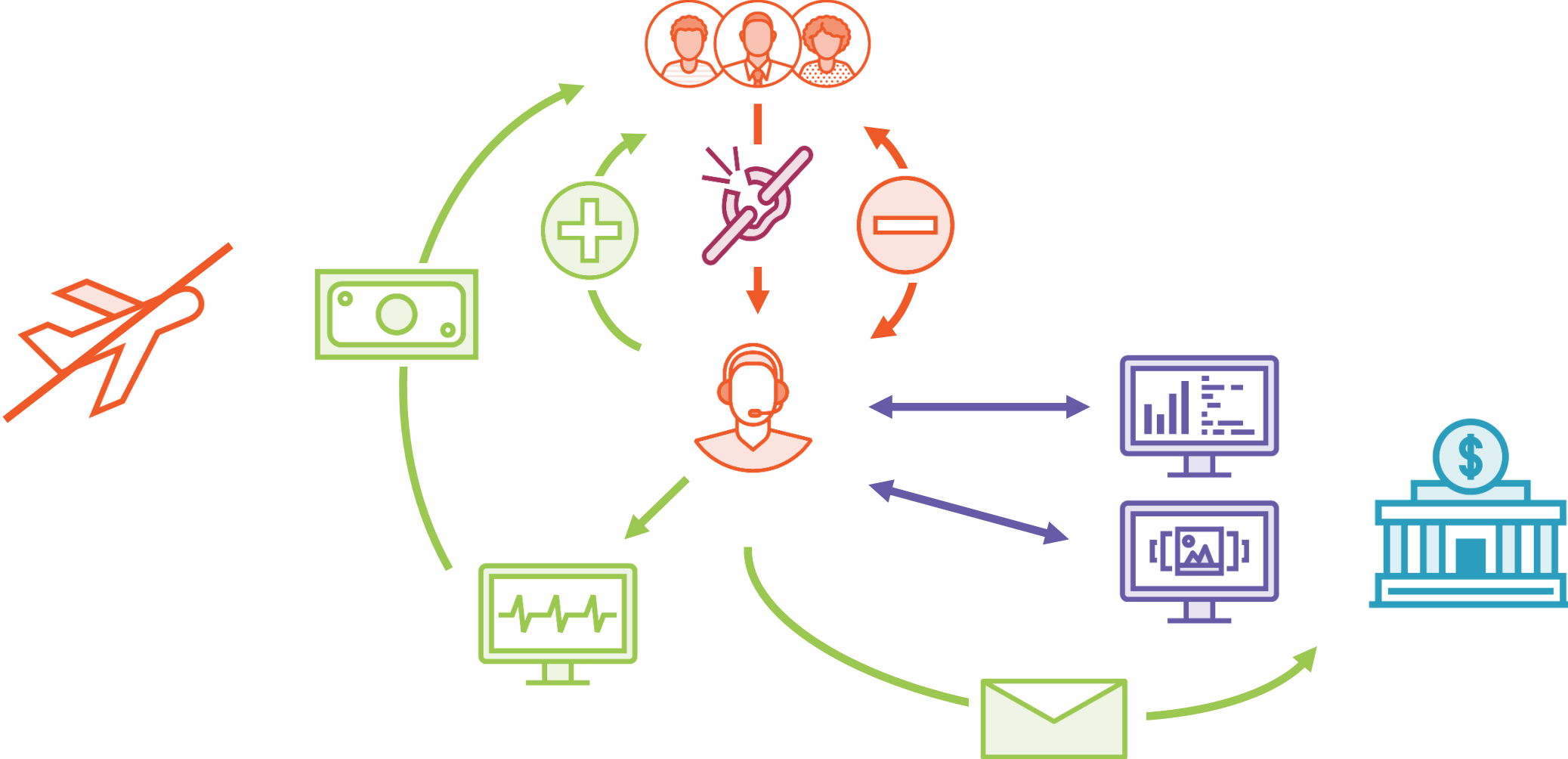**Introduction to RPA**

Why RPA?

What is RPA?

History

Pros and cons

Why Robotic Process Automation?

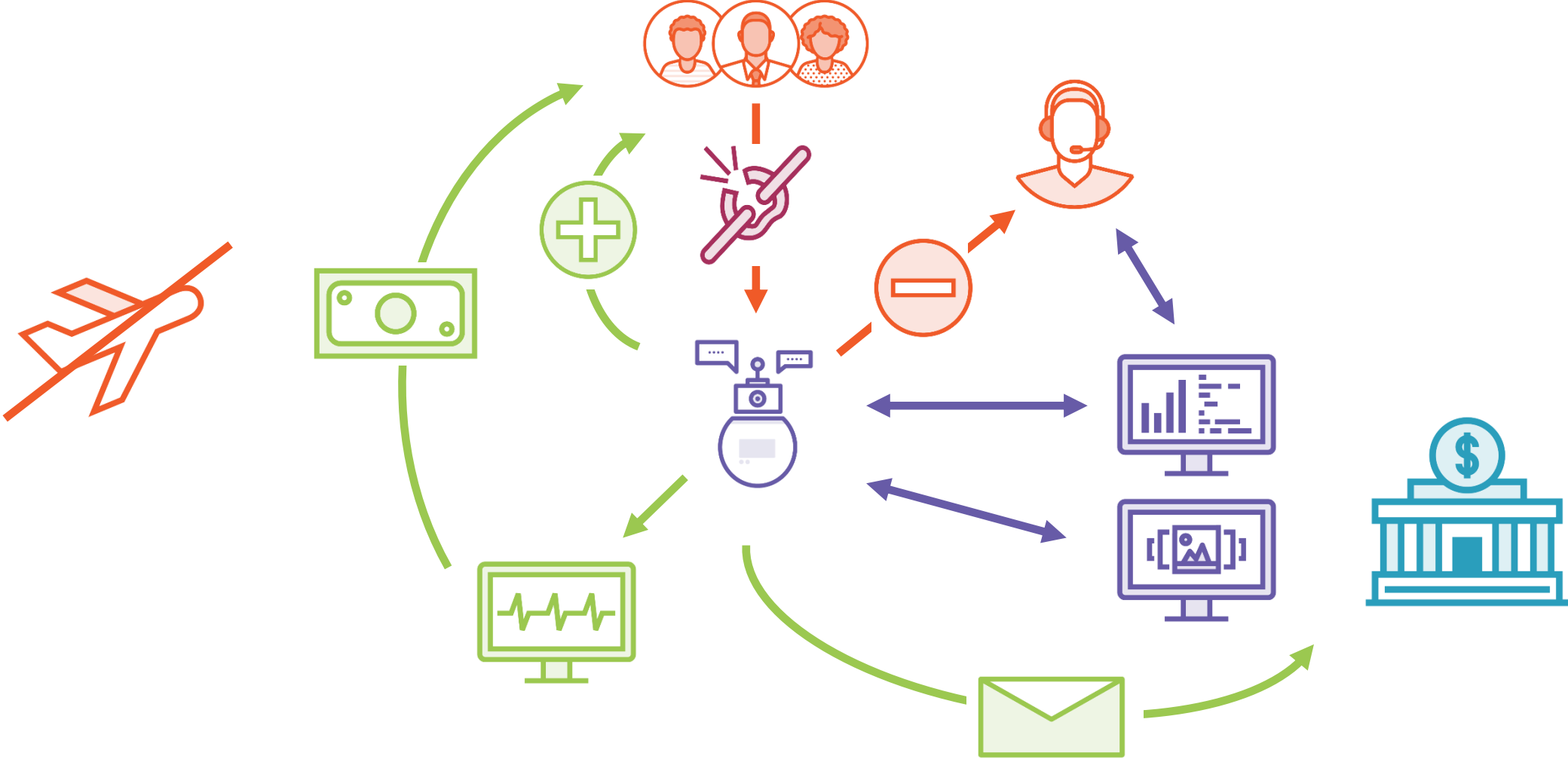# Why Robotic Process Automation?

120.000 in 2 weeks

4 Minute process

480.000 minutes in total

8000 Hours of work

$ 400,000

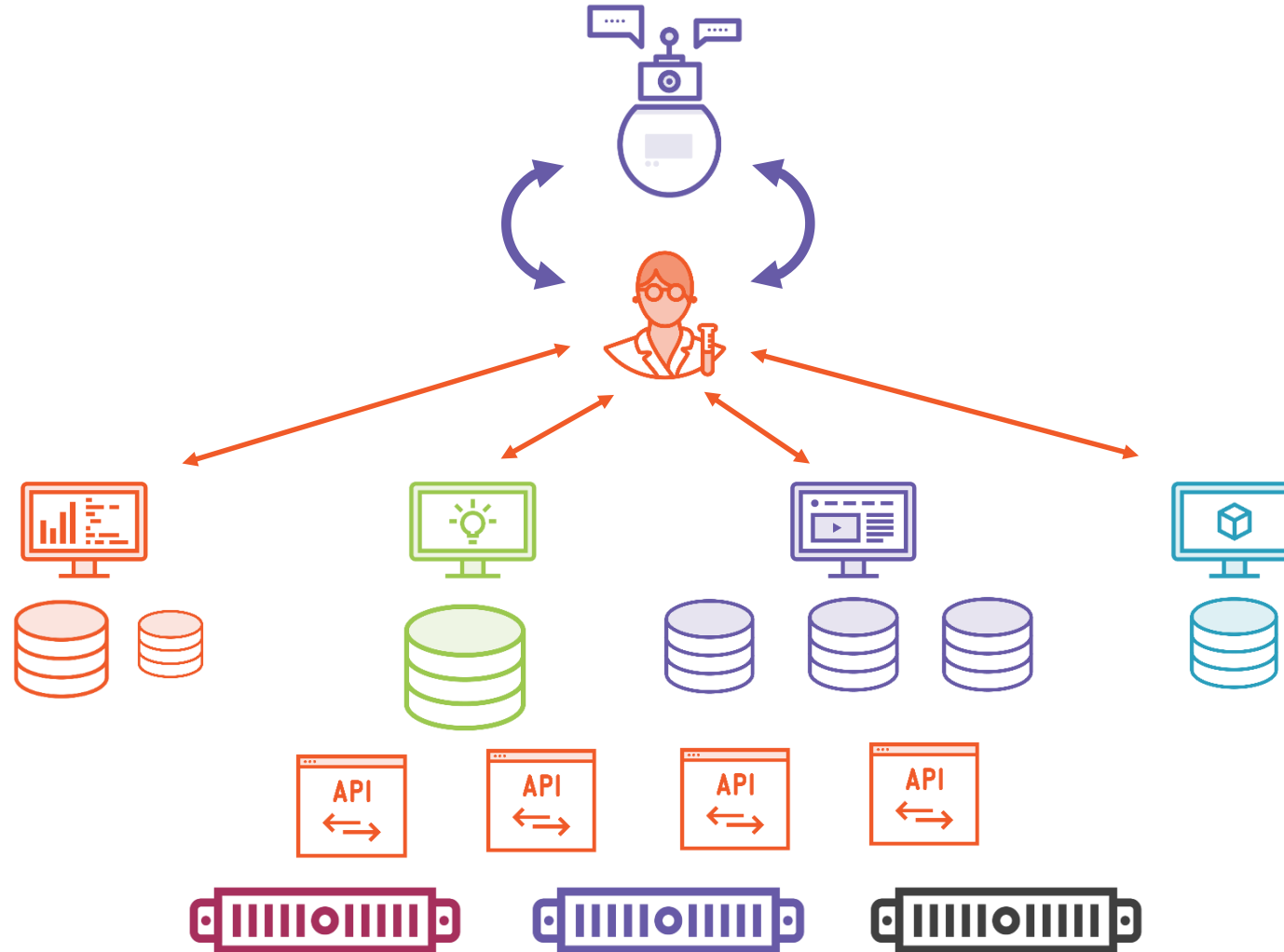# Why Robotic Process Automation?

Why Robotic Process Automation?

80 % of the tasks
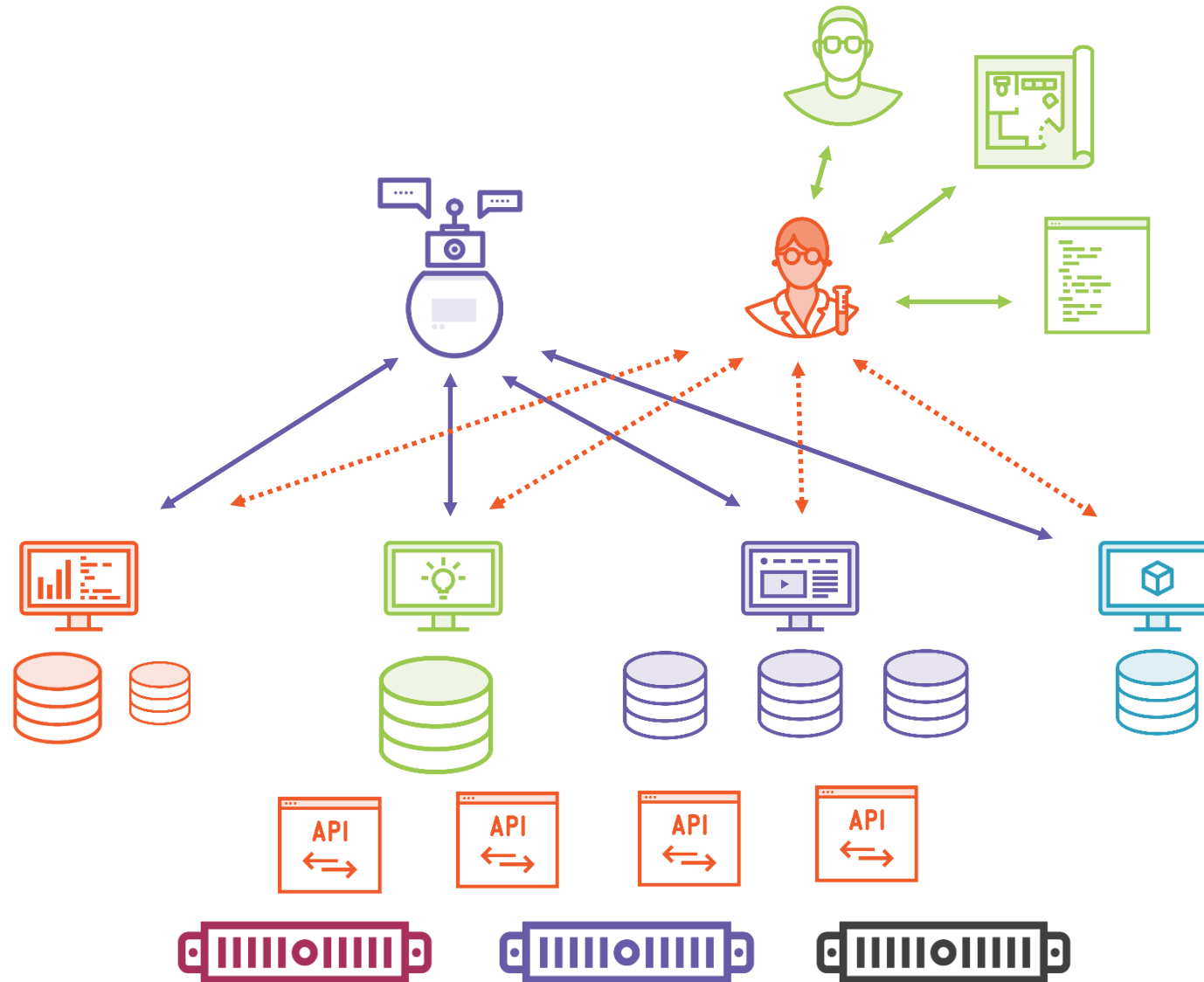
$ 80,000 to implement

$ 240,000 less cost

Defining Robotic Process Automation

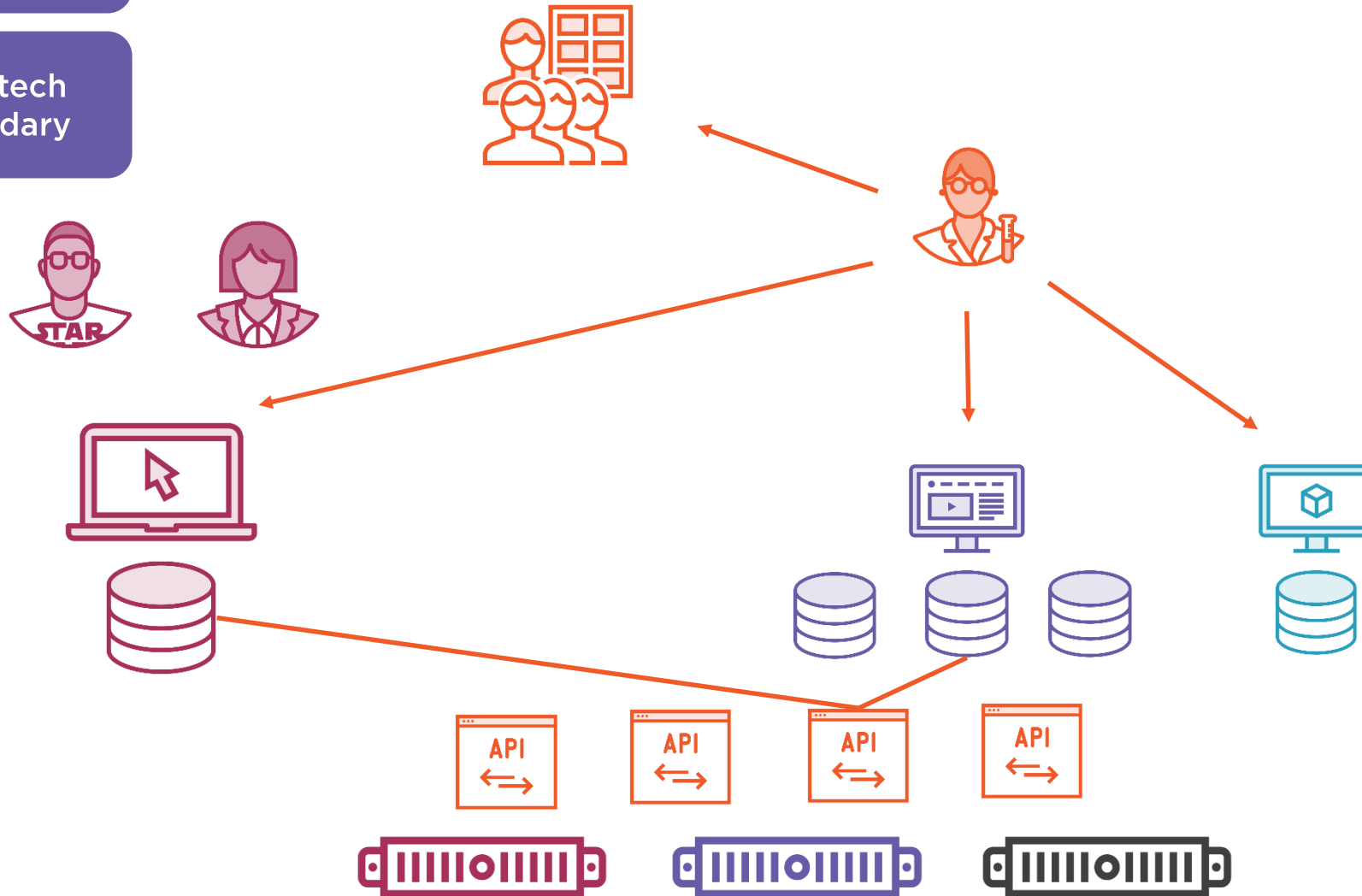# Defining Robotic Process Automation

Added layer

Low tech boundary

API

API

API

API

Defining Robotic Process Automation
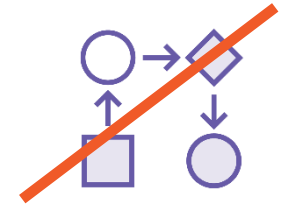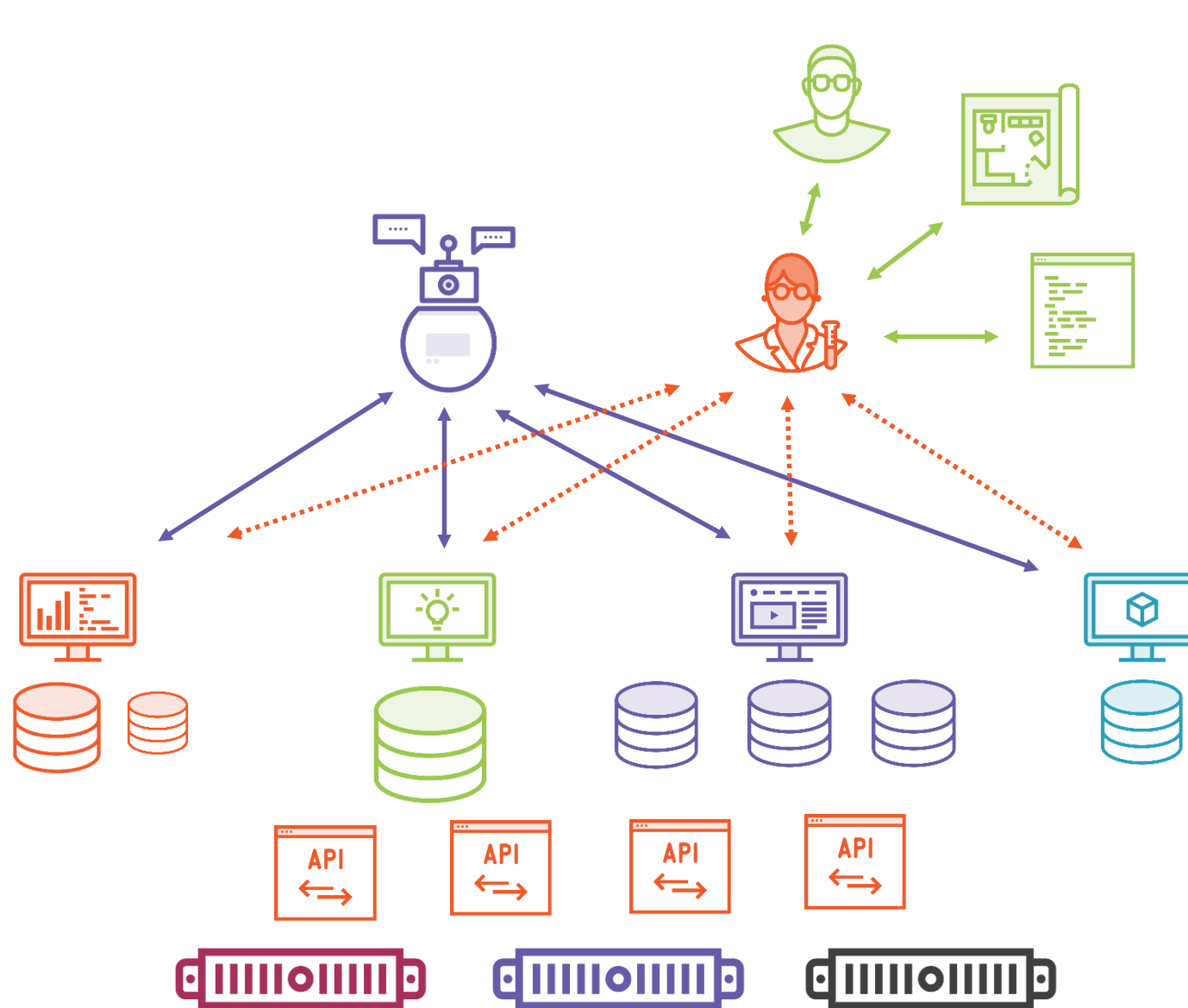
Added layer

Low tech boundary

API

API

API

API

BPM Application

Defining Robotic Process Automation

Added layer

Low tech boundary
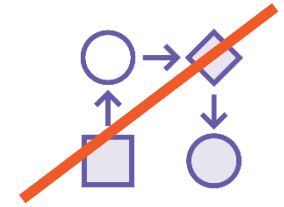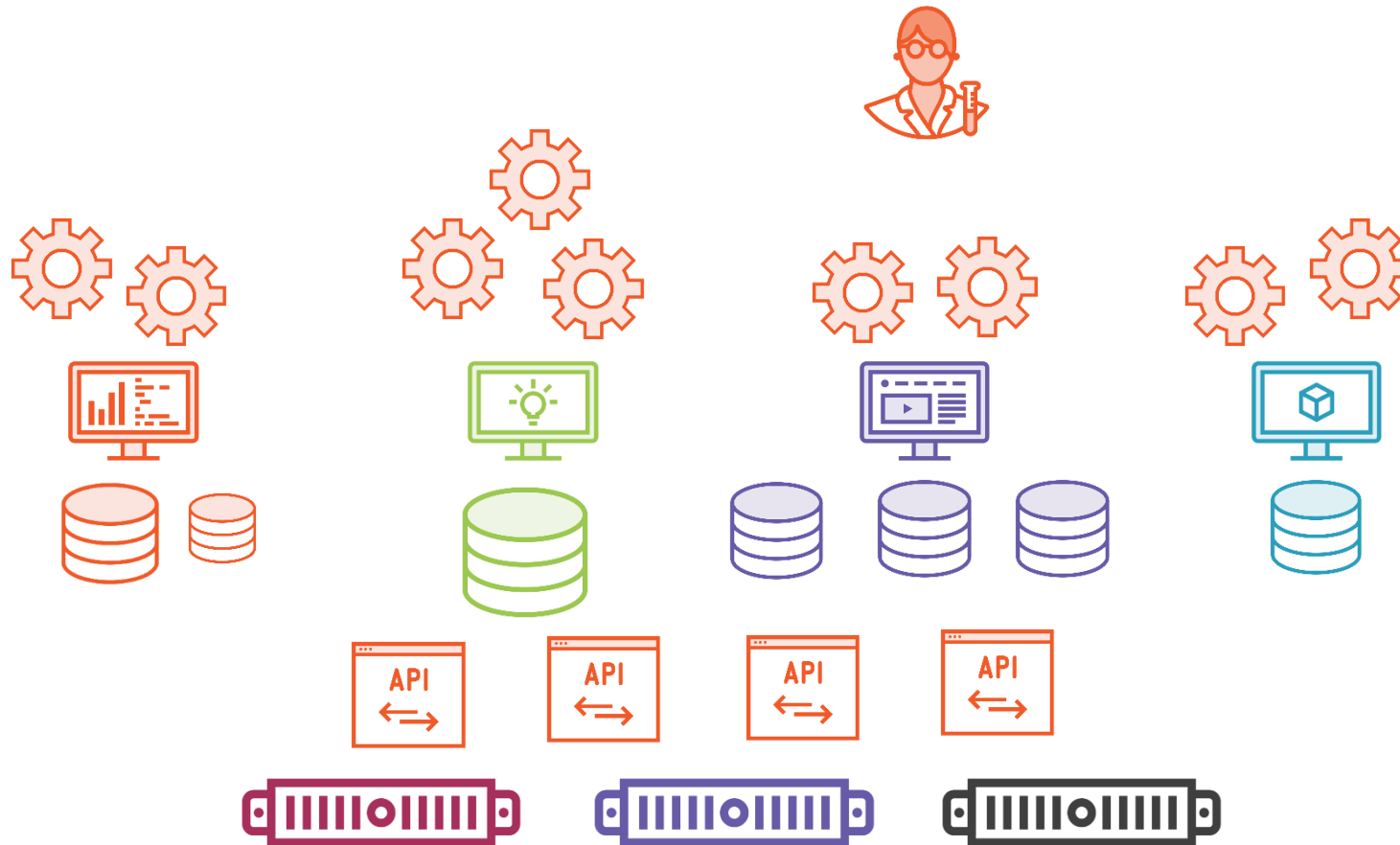
BPM Application

API
API
API
API

Defining Robotic Process Automation

Added layer

Low tech boundary

Non-evasive

Cross-system

BPM Application

API

API

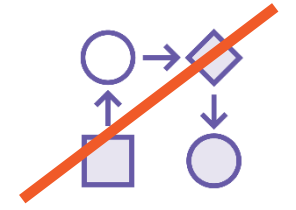API

API

Defining Robotic Process Automation
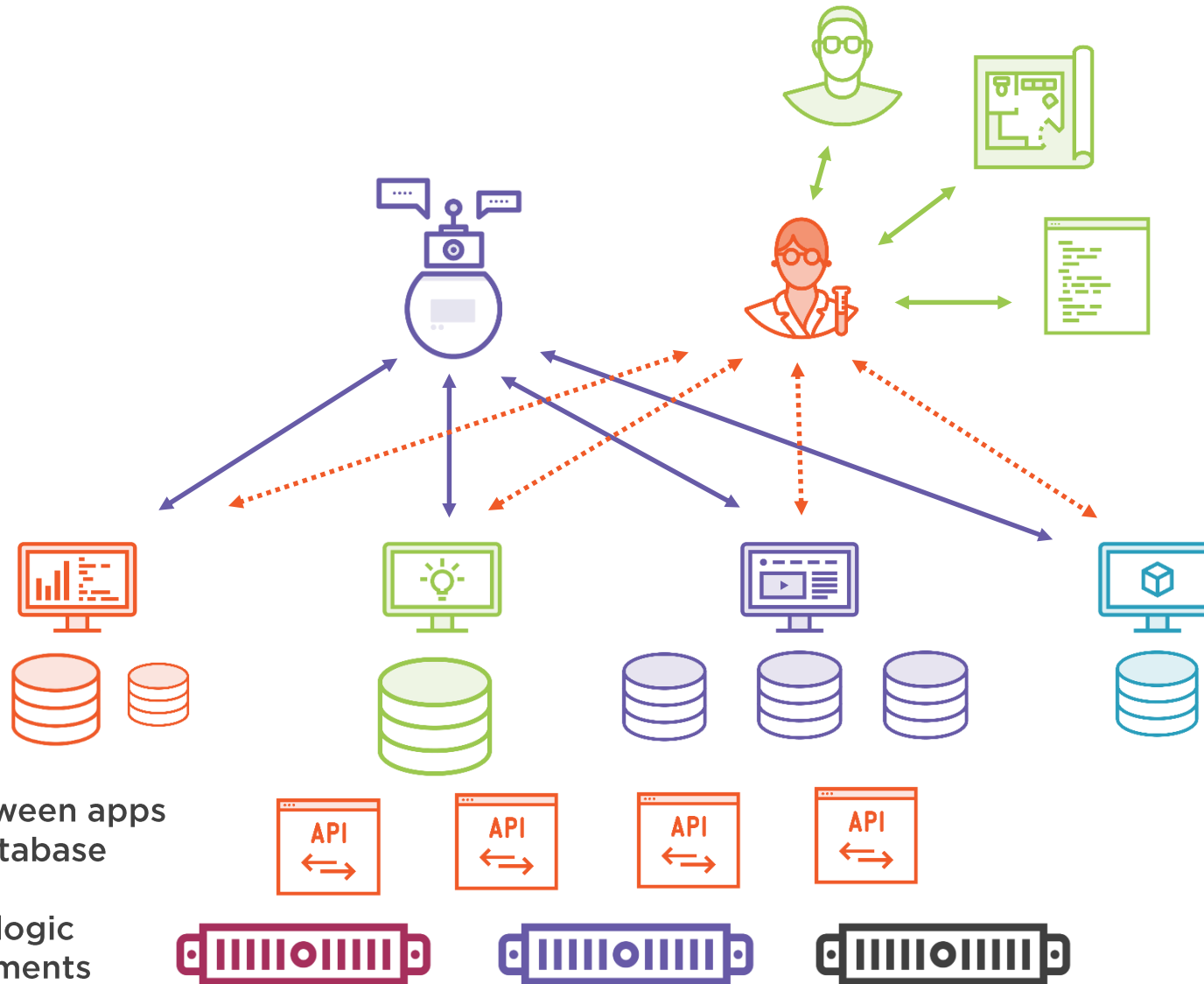

Added layer
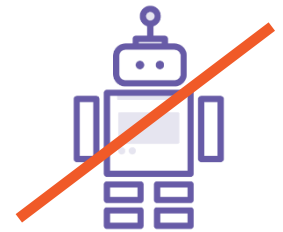
Low tech boundary

Non-evasive

Cross-system

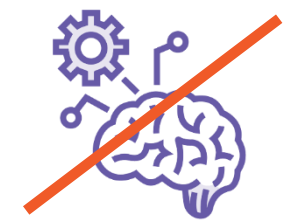**Automate basic digital transactions**

- Copy information between apps
- CRUD actions on a database
- Log into websites
- Make calculation and logic
- Read forms and documents

BPM Application

Robot

A.I.

Demo of Robotic Process Automation
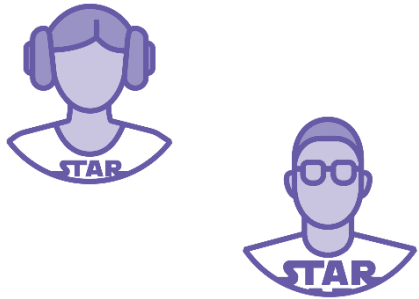
Why Robotic Process Automation Now?

Law of the handicap of a head start

Tech advancements

Regulations

Workforce expectations

Need for cost savings

Why Robotic Process Automation Now?

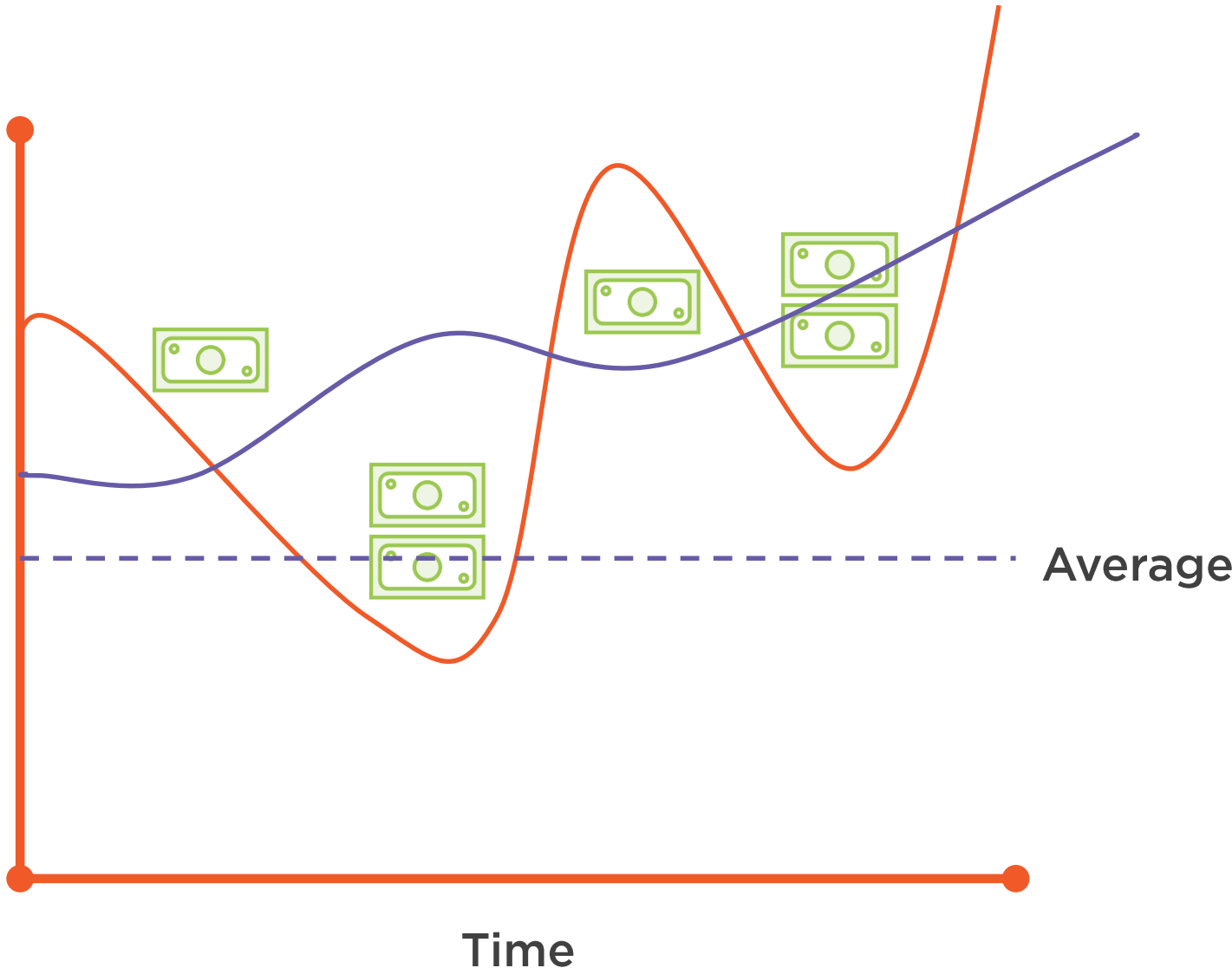**Law of the handicap of a head start**

Average

Effectiveness

Time

Why Robotic Process Automation Now?

**Law of the handicap
of a head start**
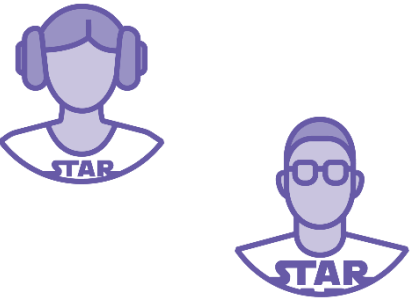
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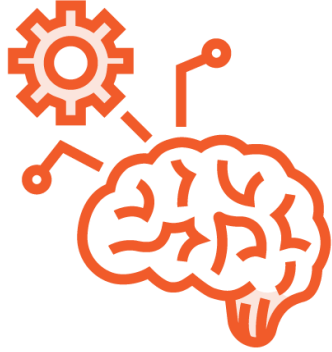
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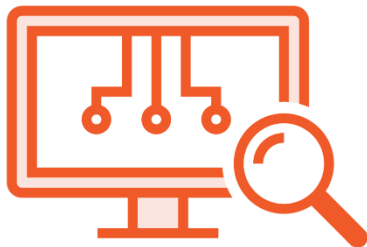# Why Robotic Process Automation Now?
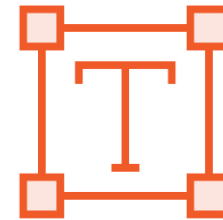
AI / Machine learning

Tech advancements

Cloud technology

Screen scraping

Low code platforms

Text and image recognition

Why Robotic Process Automation Now?
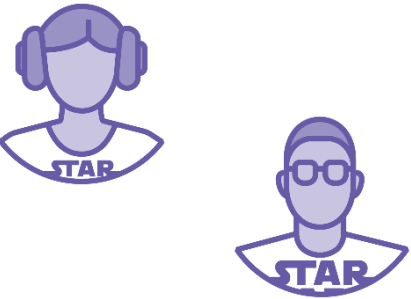
Law of the handicap of a head start

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Why Robotic Process Automation Now?

Legal

Privacy

Local

Financial

Industry
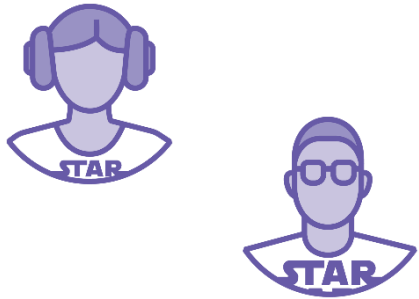
Regulations

Why Robotic Process Automation Now?

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of a head start

Tech
advancements

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Need for cost savings

Pros and Cons

Return on investment

Easy to implement

Better compliance
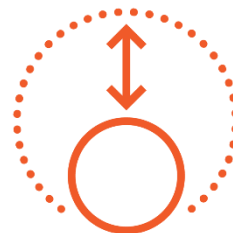
Better employee and customer satisfaction

Rapid upscaling

Cost of ownership

Risk of technical debt

Governance at scale

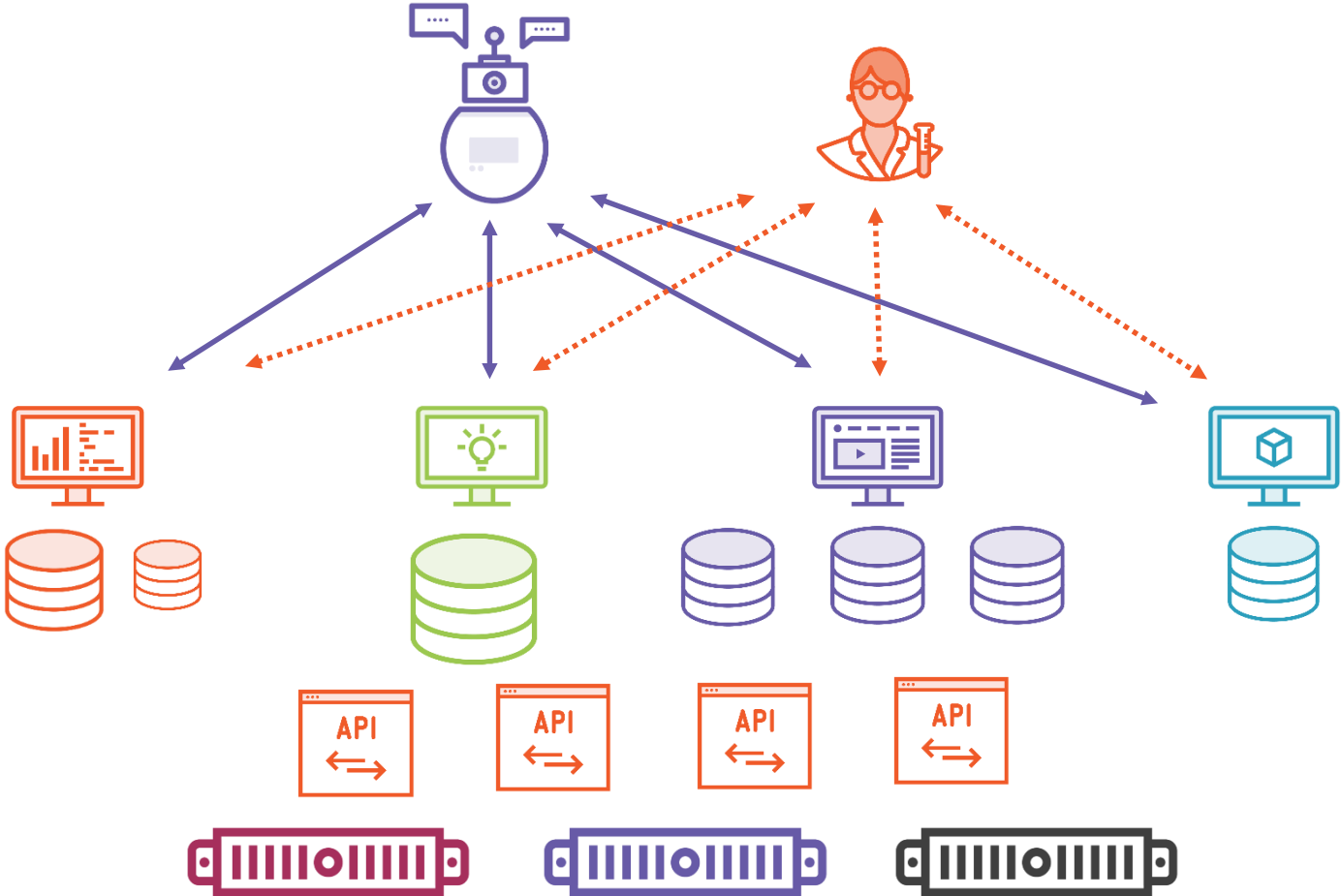**Security concerns**
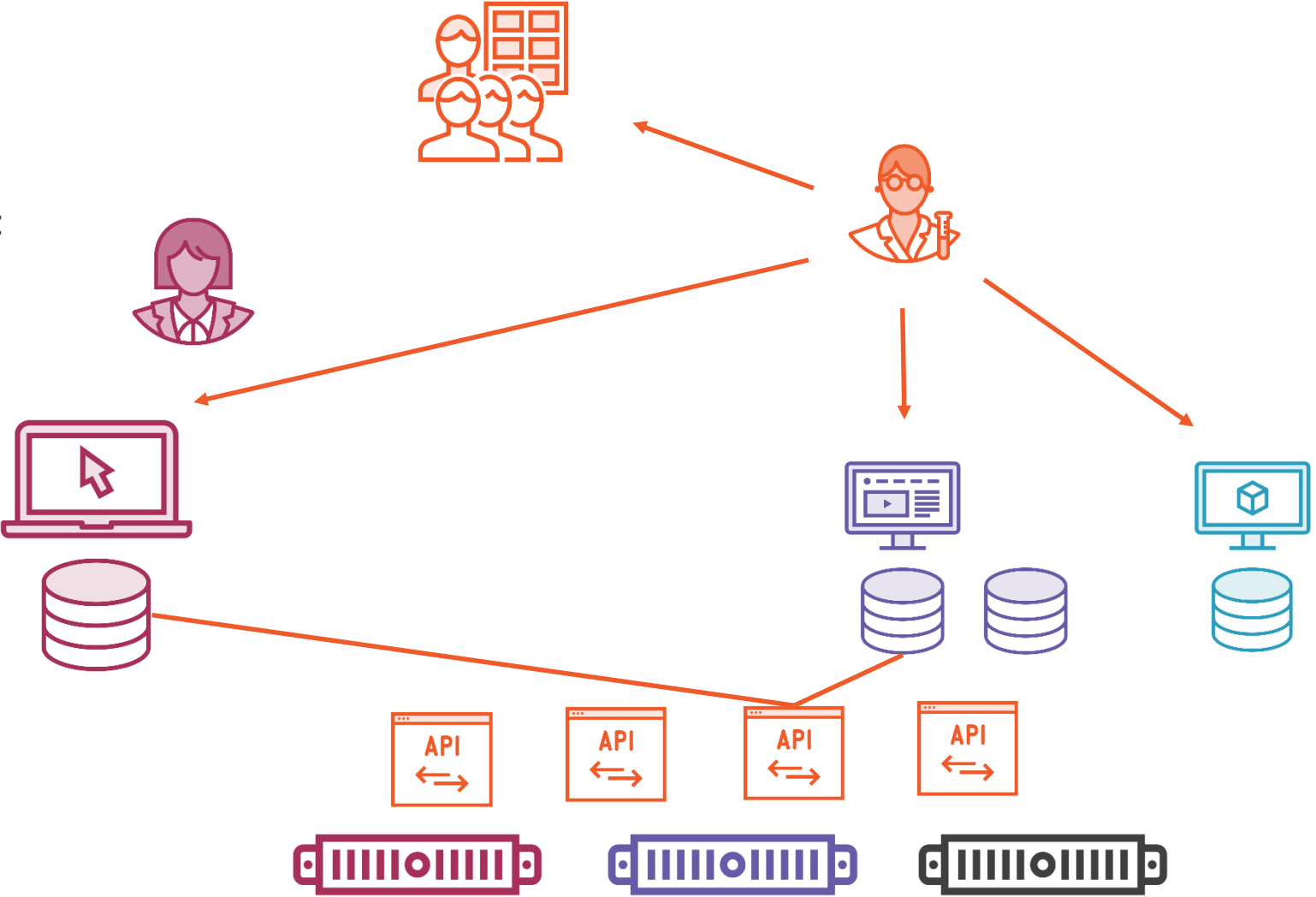
Technical limitations

Pros and Cons

Return on investment

Pros and Cons

Return on investment

Pros and Cons

Return on investment

Money saved

Increased accuracy

Increased innovation

Pros and Cons

Return on investment

Easy to implement

Better compliance

Better employee and customer satisfaction

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Technical limitations

Pros and Cons

EASY

Easy to implement

Pros and Cons

Easy to implement

Pros and Cons

EASY

Easy to implement

Process analyses

Maintenance changes

Metrics

Bot creation

Training

Pros and Cons

Return on investment

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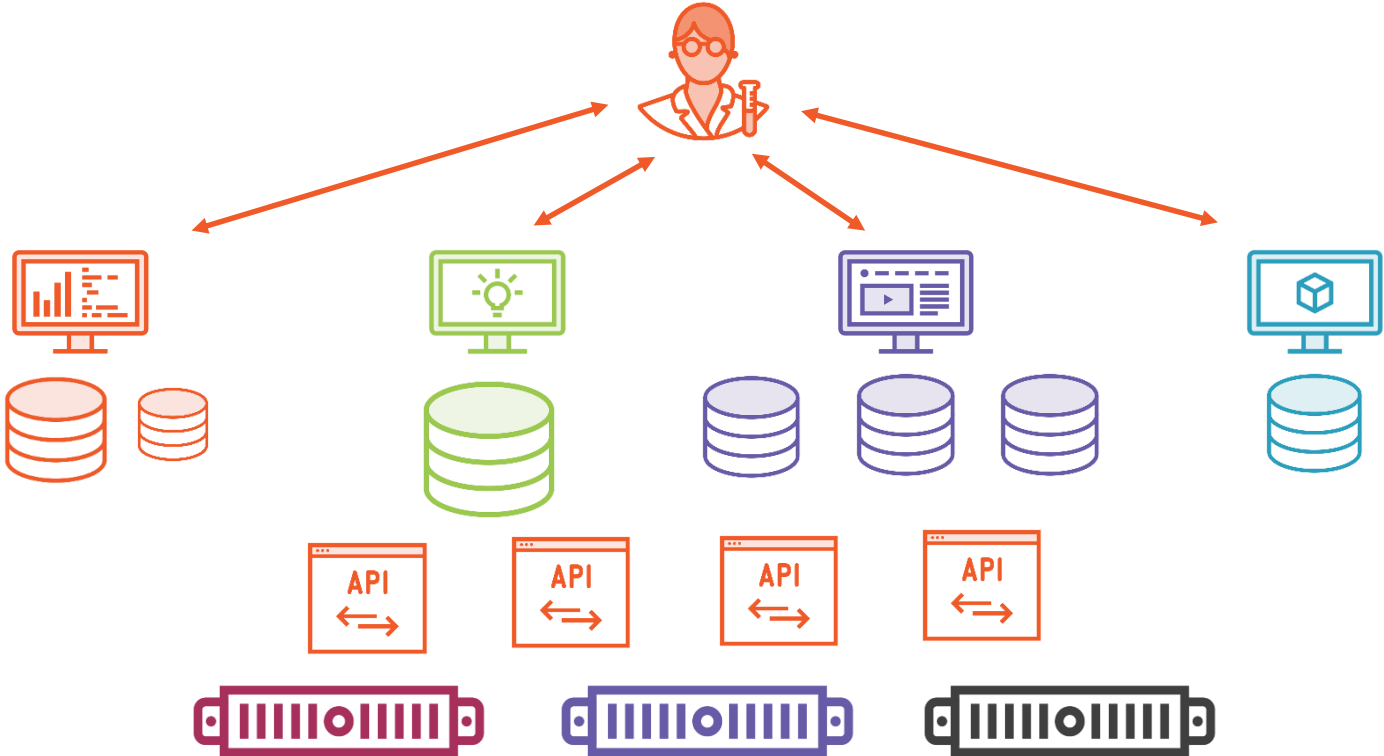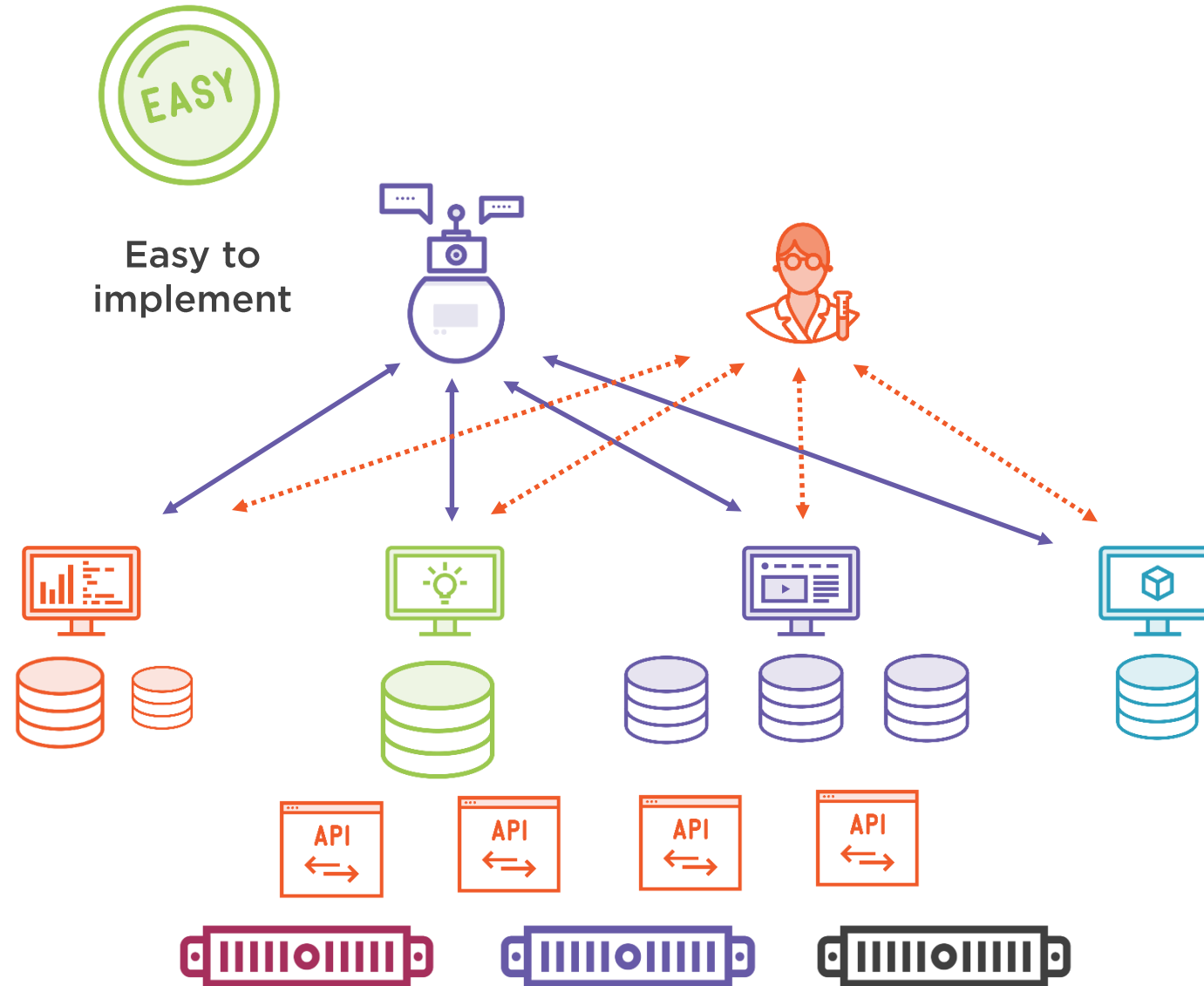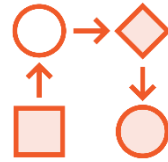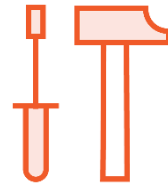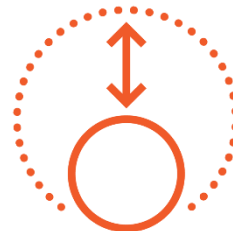**Risk of technical debt**

Governance at scale

Security concerns

Technical limitations

Pros and Cons

Less mistakes

Better compliance

Knowledge

Audit trail

Pros and Cons

Return on investment

Easy to implement

Better compliance

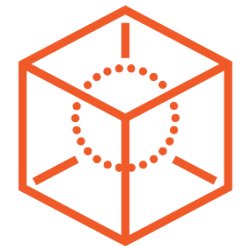**Better employee and customer satisfaction**

Rapid upscaling

Cost of ownership

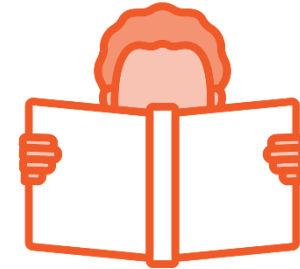**Risk of technical debt**

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Pros and Cons

Better employee and customer satisfaction

Pros and Cons

Increased speed

Better employee and customer satisfaction

Pros and Cons

Return on investment

Easy to implement

Better compliance

Better employee and customer satisfaction

Rapid upscaling

Cost of ownership
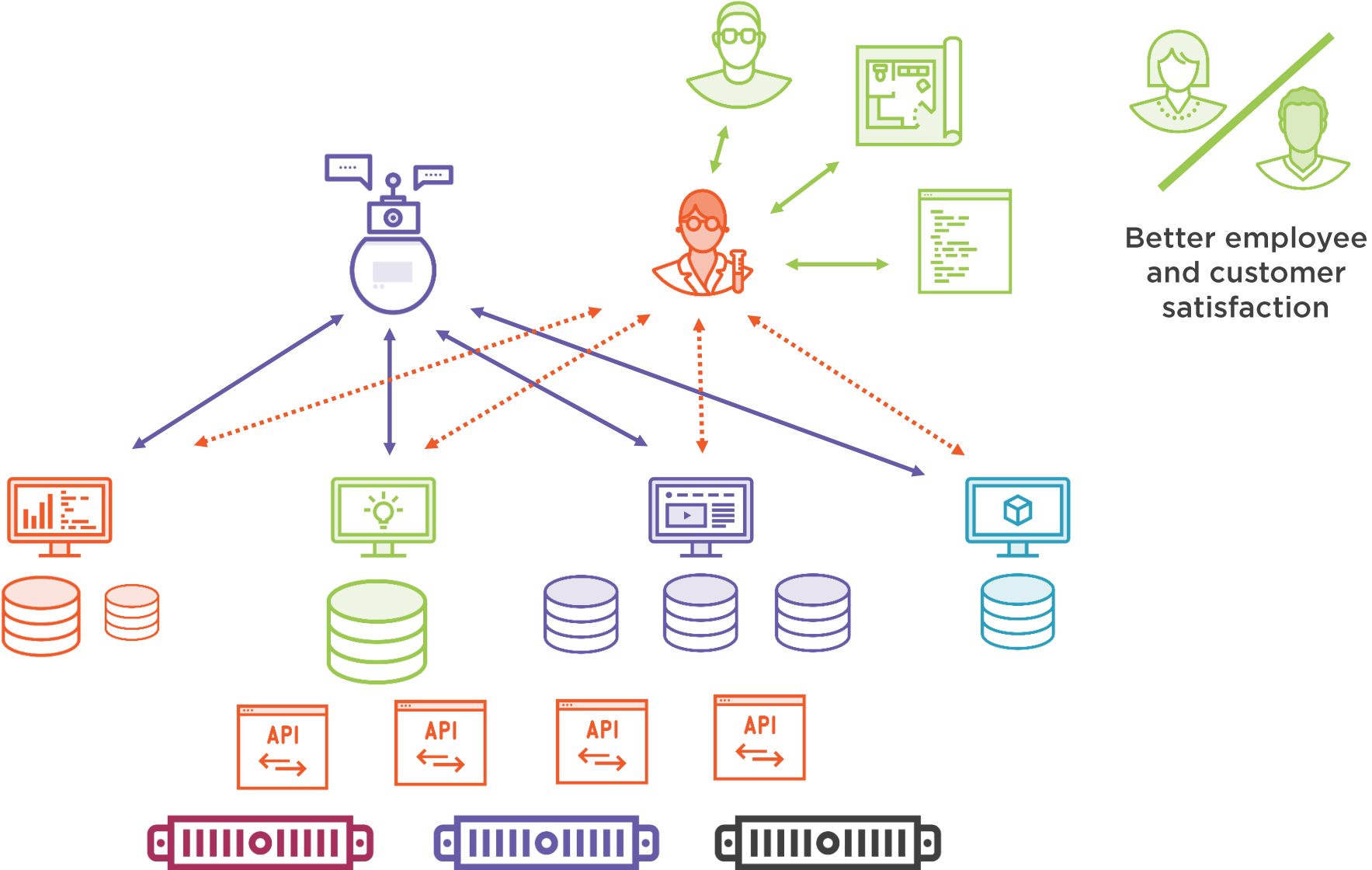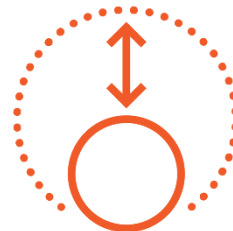
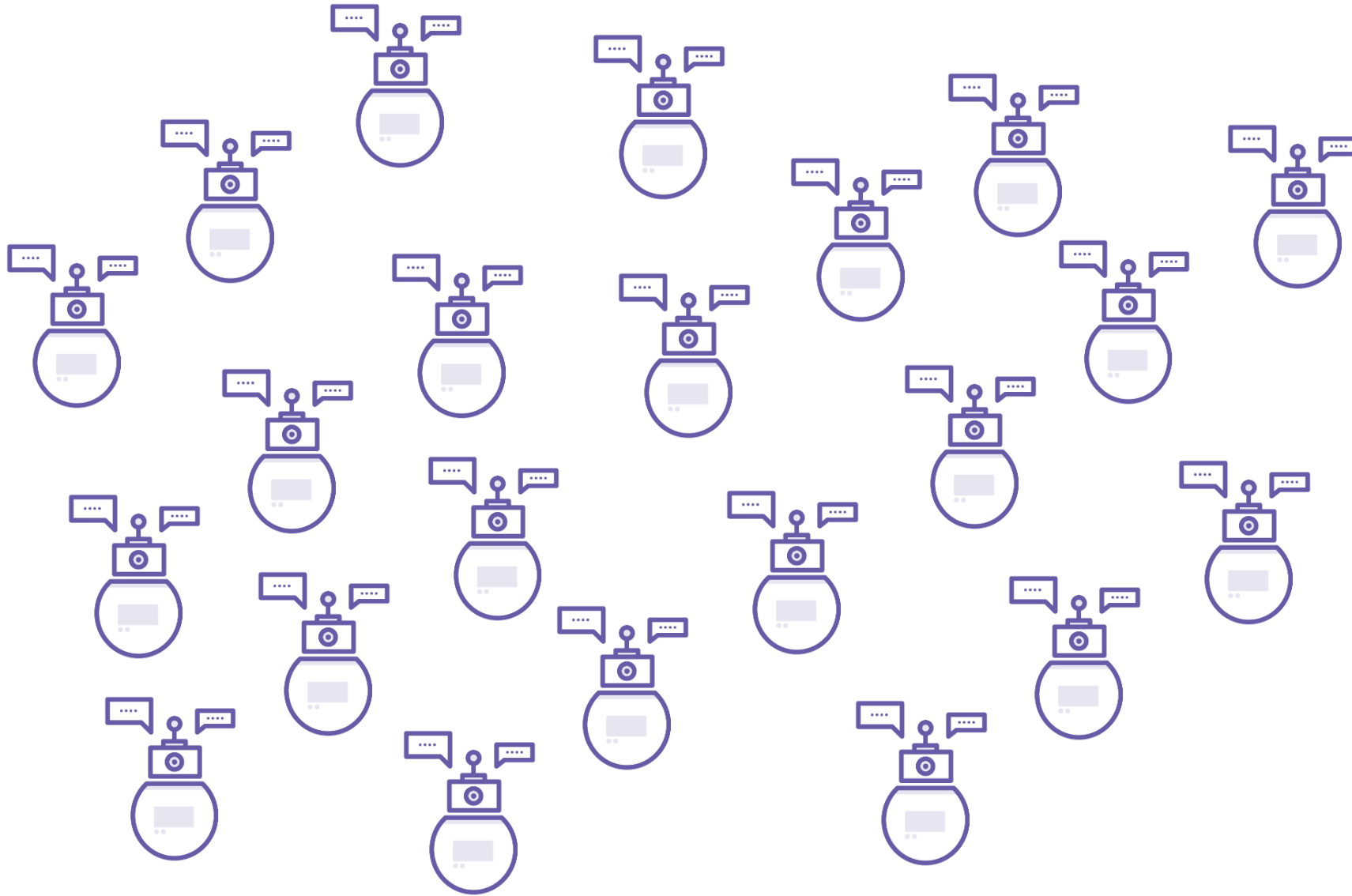**Risk of technical debt**

Governance at scale

Security concerns

Technical limitations

Pros and Cons

Rapid upscaling

Pros and Cons

Training

Hiring

Contracts

Rapid upscaling

Pros and Cons

Return on investment

Easy to implement
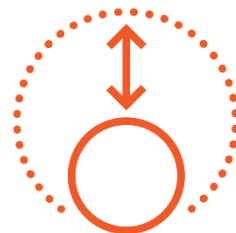
Better compliance

Better employee and customer satisfaction

Rapid upscaling

Cost of ownership

Risk of technical debt

Governance at scale

Security concerns

Technical limitations

Pros and Cons

Return on investment

Licenses

Employee time

Cost of ownership

Maintenance

Training

Coding

Pros and Cons

Return on investment

Easy to implement

Better compliance

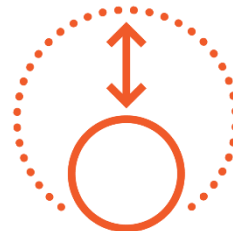**Better employee and customer satisfaction**

Rapid upscaling

Cost of ownership
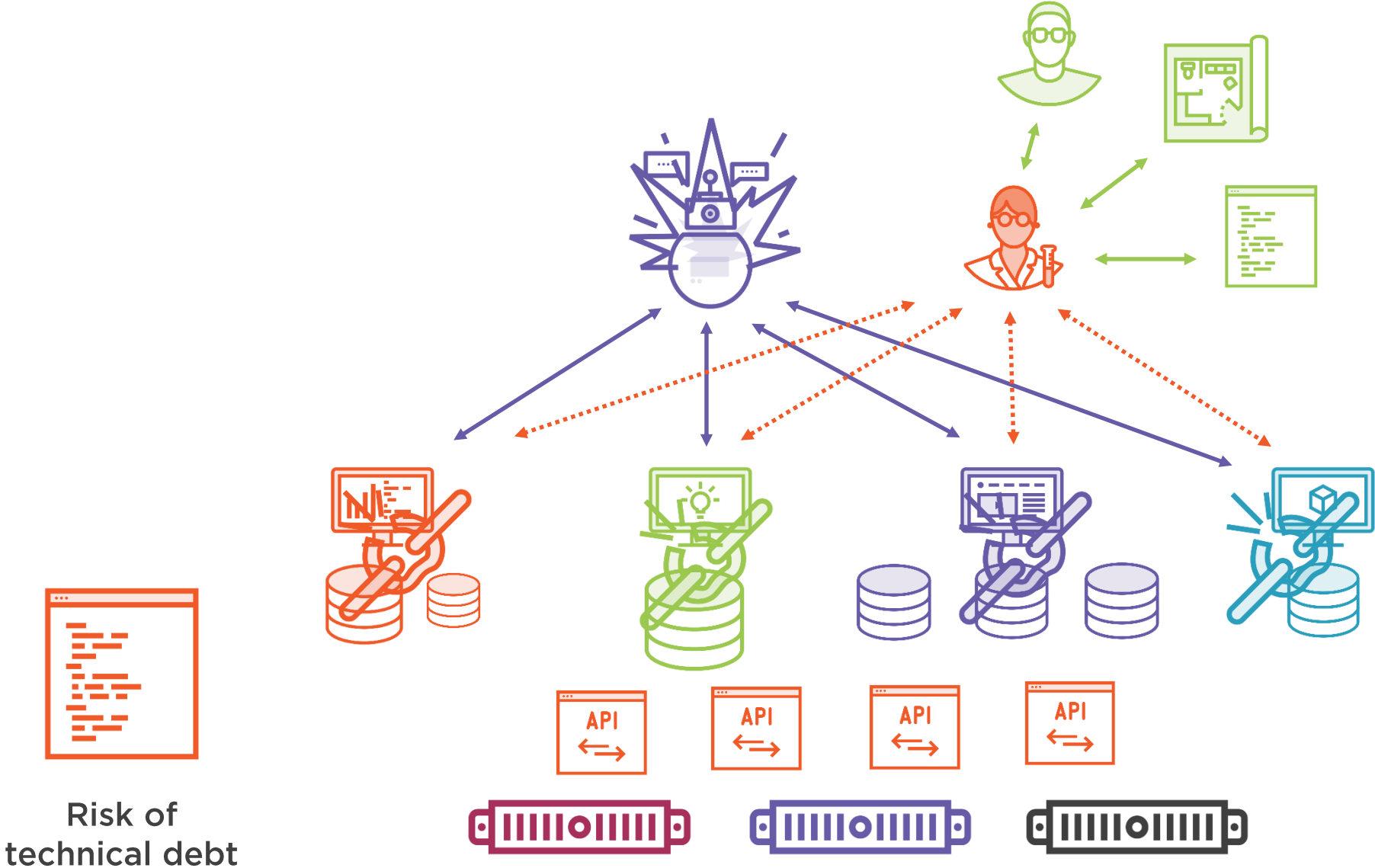
Risk of technical debt

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Pros and Cons

Risk of
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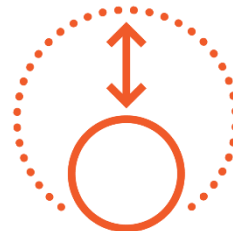
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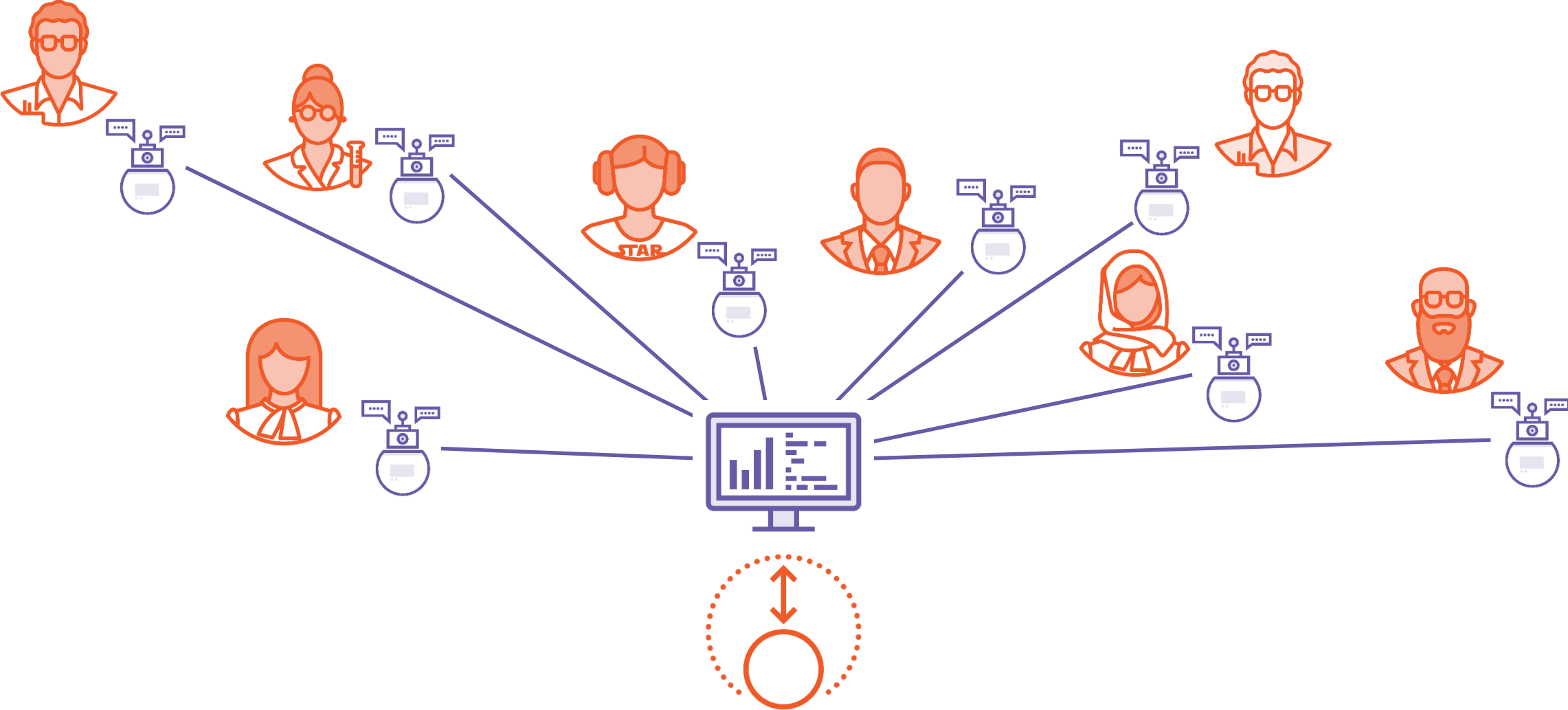
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Governance
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Pros and Cons

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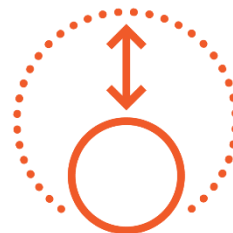
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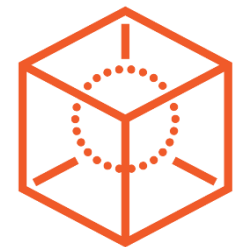**Rapid upscaling**

Cost of ownership

Risk of technical debt

Governance at scale

Security concerns

Technical limitations

Pros and Cons

A.I.

Remote

Technical
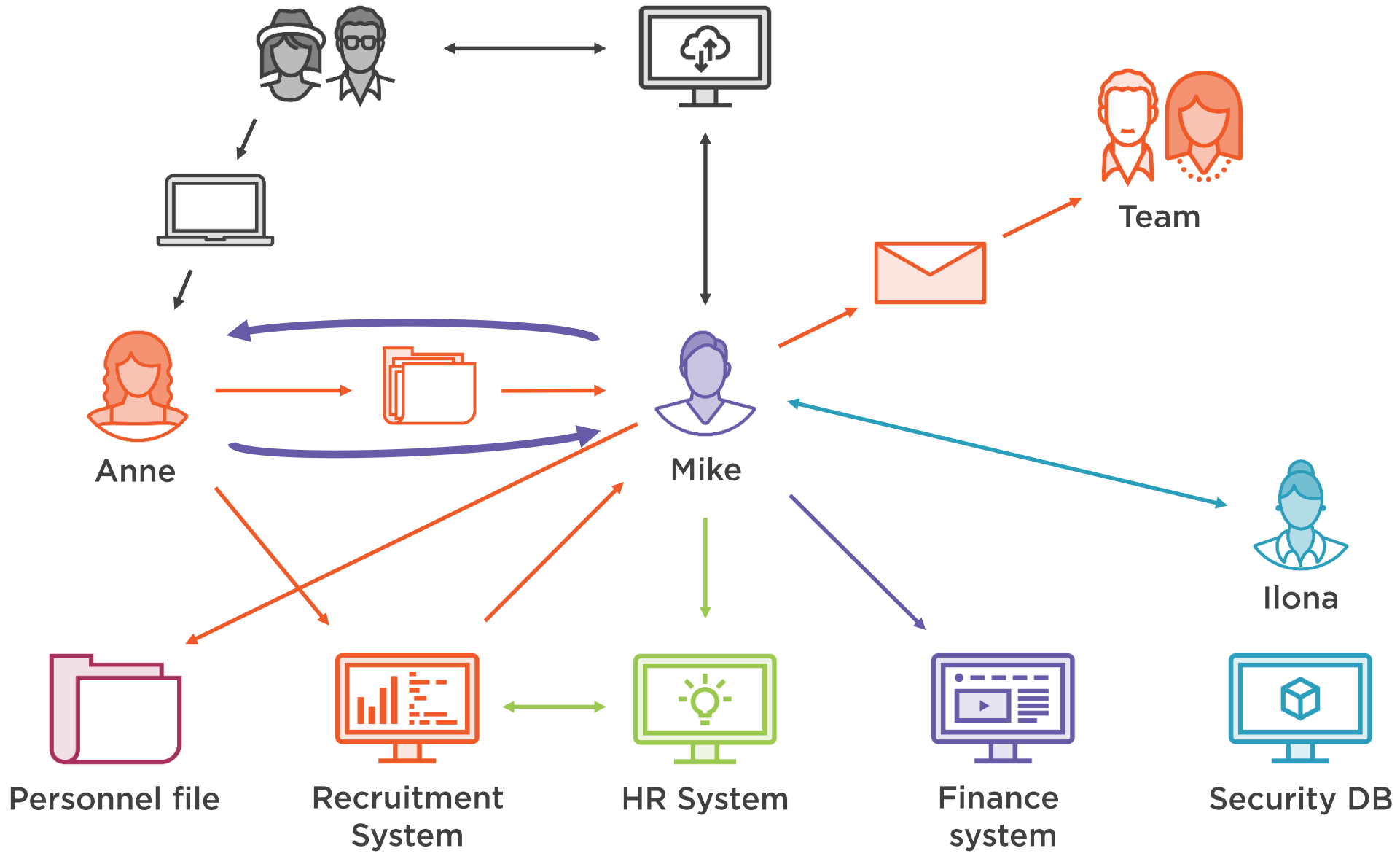limitations

Module Recap

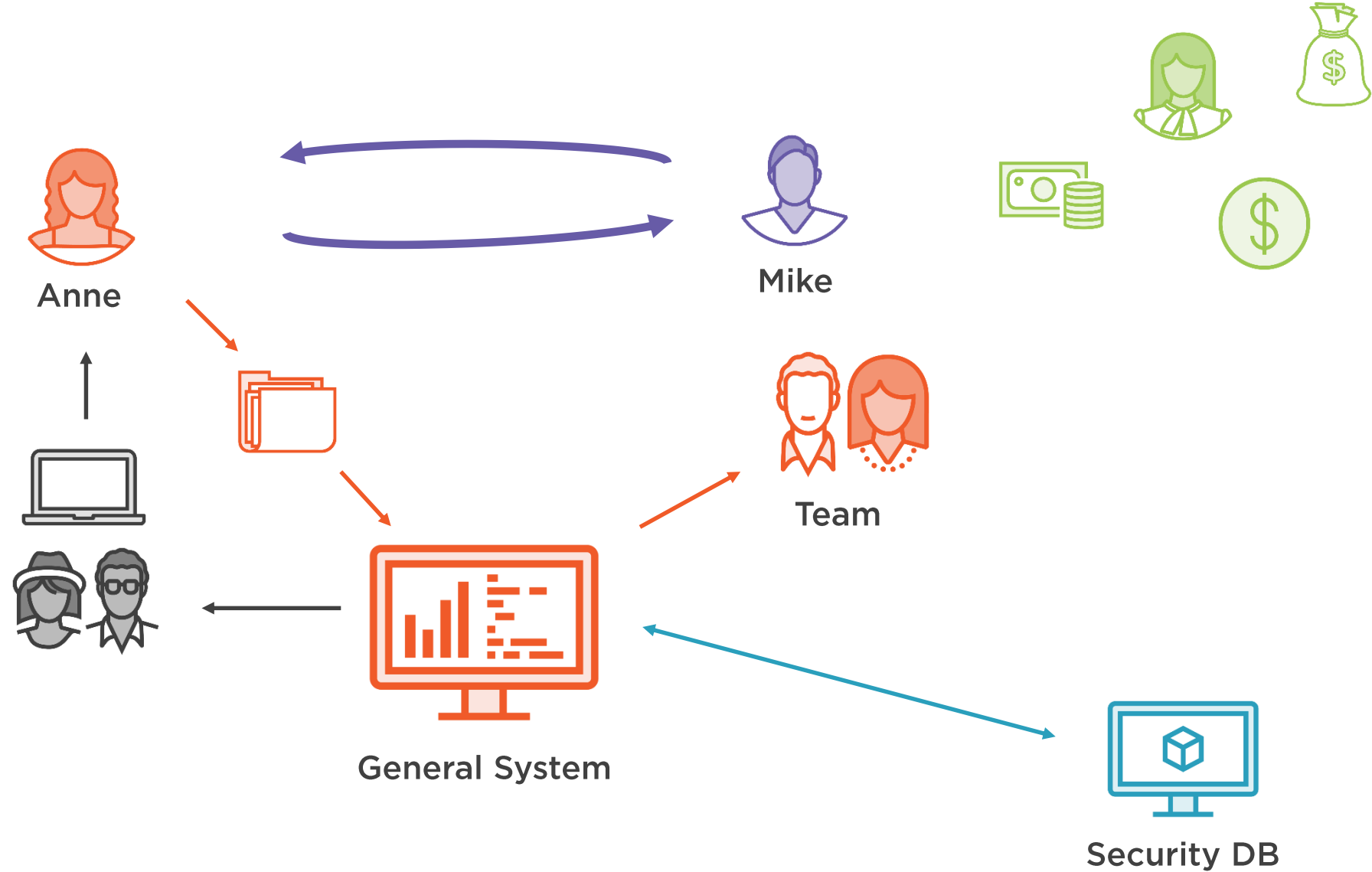**Introduction to RPA**

Why RPA?

What is RPA?

History

Pros and cons

Why Robotic Process Automation?

Team

Anne

Mike

Ilona

Personnel file

Recruitment System

HR System

Finance system

Security DB

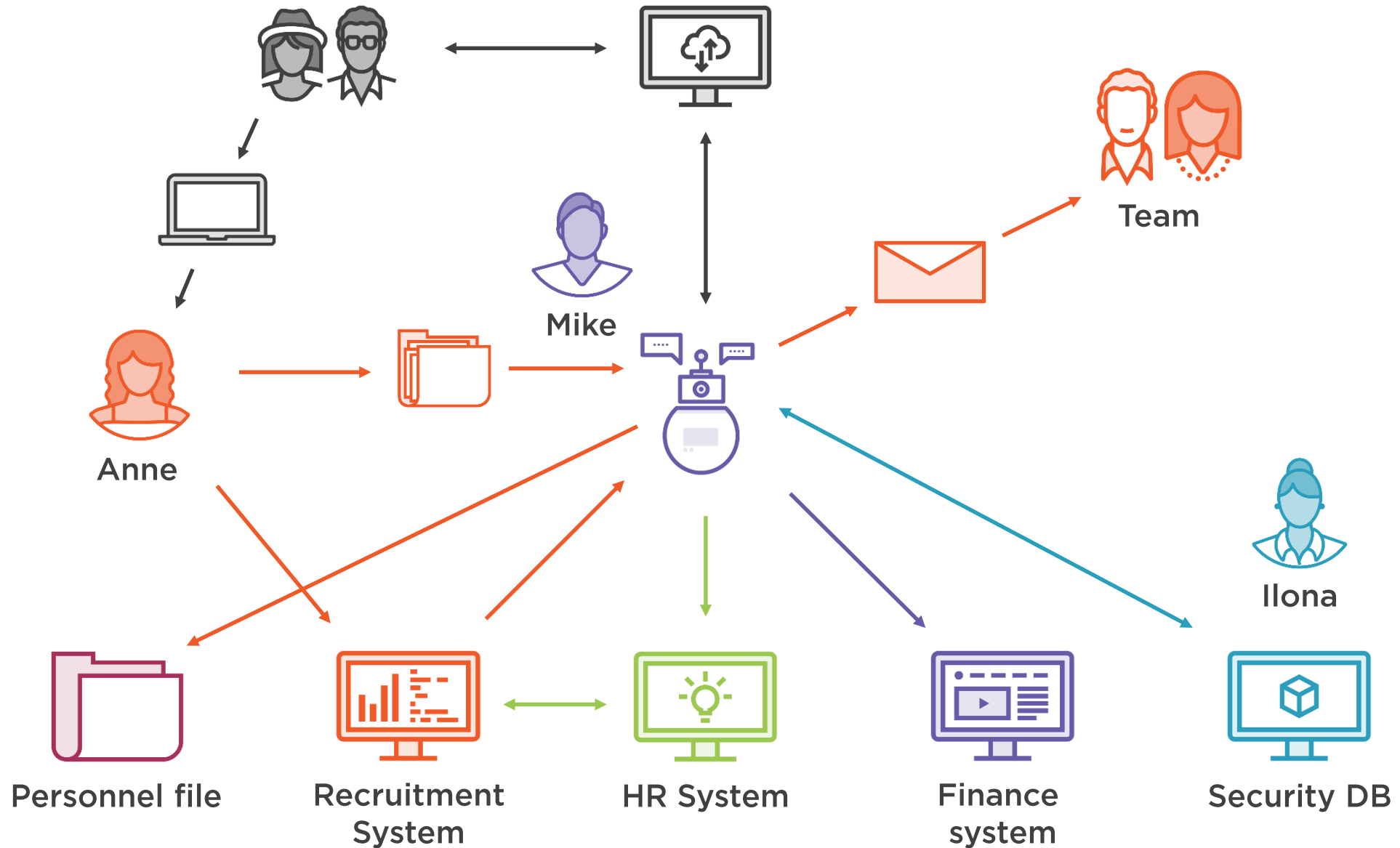# Why Robotic Process Automation?

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