



Develonica

a Softline Company

App Modernization and Innovation with Develonica

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ABOUT DEVELONICA

Develonica as part of Softline Group, is an innovative global provider of digital transformation powered by software development

900+

Developers

20+

Years of
experience

3000+

Successful
Projects

25

PRO Awards

50+

Countries

4

Office Locations

Microsoft
Partner



Gold Data Analytics
Gold Application Development
Gold Cloud Platform

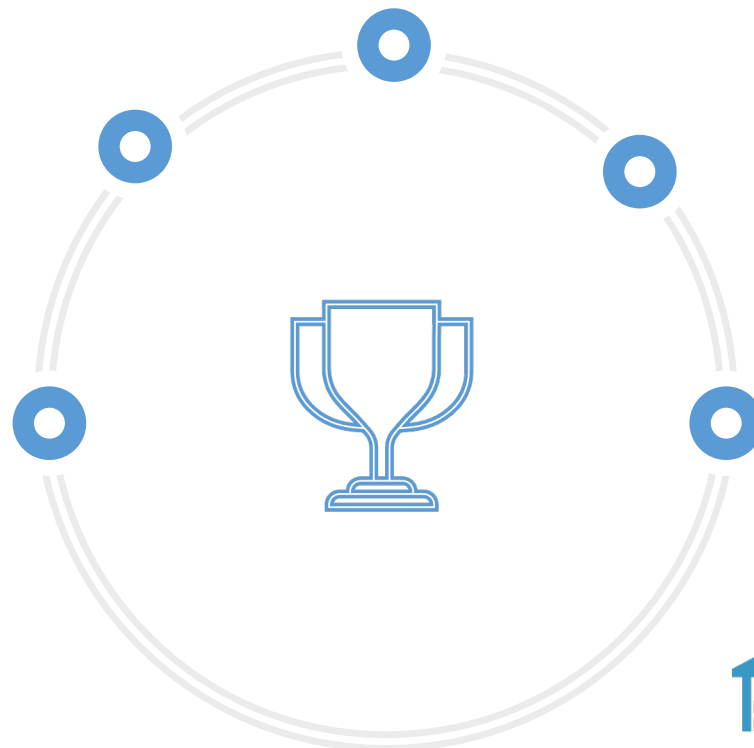


DEVELONICA - MICROSOFT GOLD PARTNER

Unique winner of seven Microsoft Partner Award

Three Microsoft
Partner Competencies:
Application Development,
Cloud Platform, Data Analytics

Microsoft partner since 2004



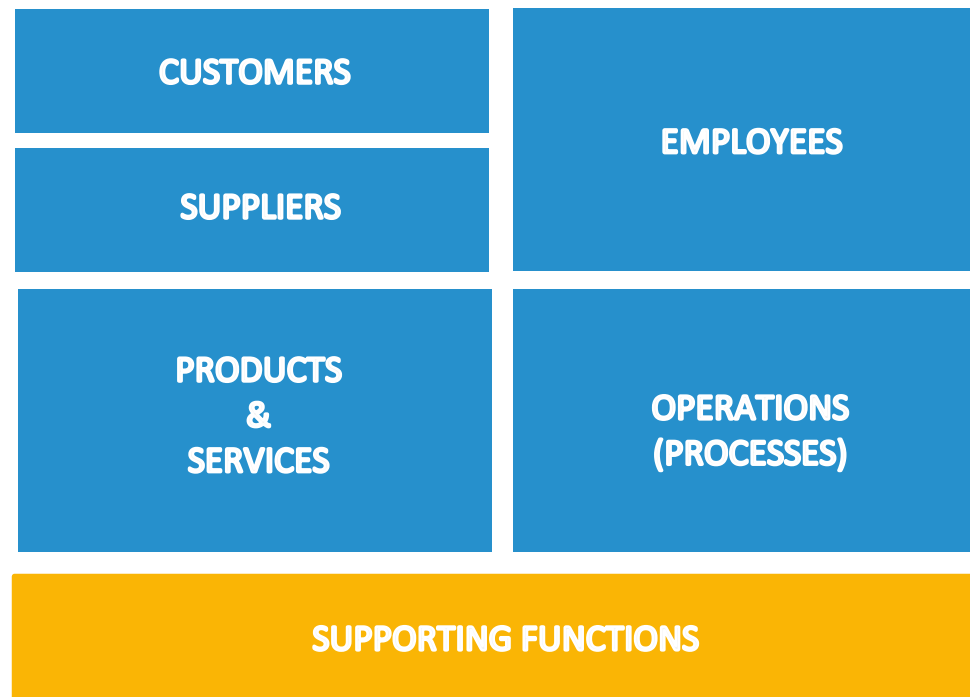
Early user of Microsoft
Cloud Program, proven skills
in Microsoft Azure Cloud

Unique winner Major stack of
Microsoft development
Technologies



What is Digital Transformation?

Digital transformation is a set of company-wide, coordinated activities aimed to implement improvements in the following areas:



What is Digital Transformation?

Engage Your Customers	Tailor individual customer experiences by harnessing data and drawing actionable insights
Empower Your Employees	Help employees to achieve more by creating a work environment that's intelligent, flexible, and secure
Optimize Your Operations	Accelerate the responsiveness of your business, improve services levels, and reduce costs with intelligent processes
Transform Your Products	Differentiate and capture emerging opportunities by using data as a strategic asset and shift from hindsight to foresight

Three ways of How to Execute Digital Transformation

A digital business, or a transformed one, runs on automated processes and the data



Refreshing and improving
existing applications

for current business processes



Developing new
application

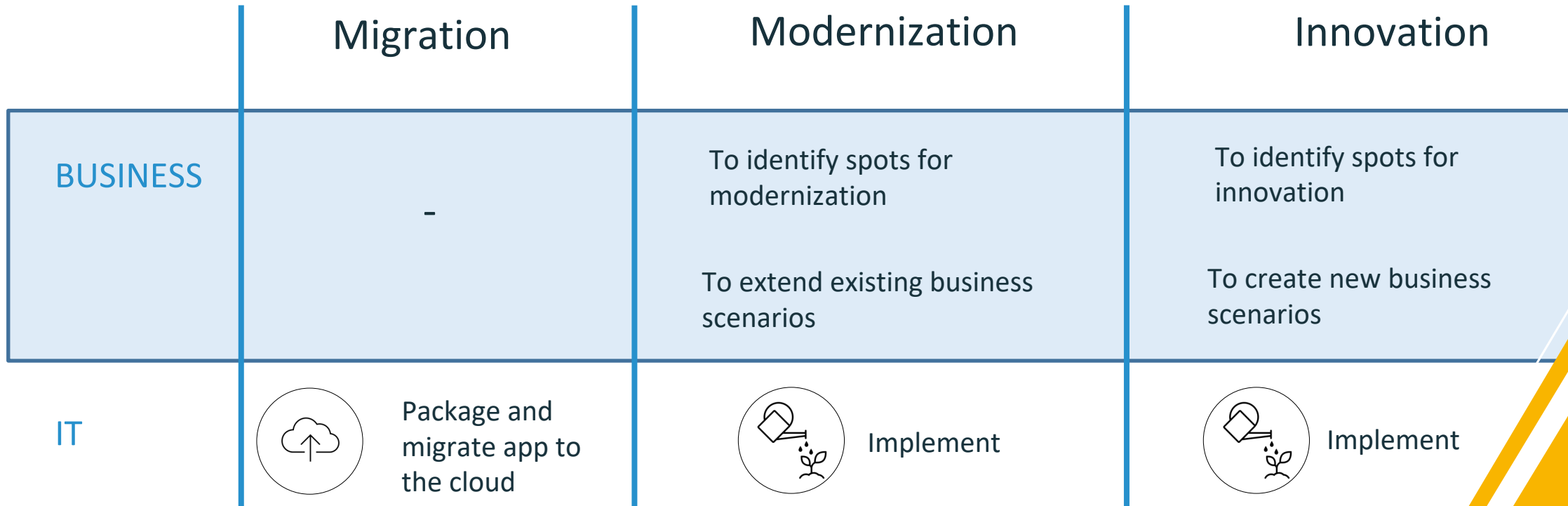
for processes that are not
yet automated



Using new and existing
Data sources

for existing and new
applications

Approaches to Refresh Your Outdated Apps

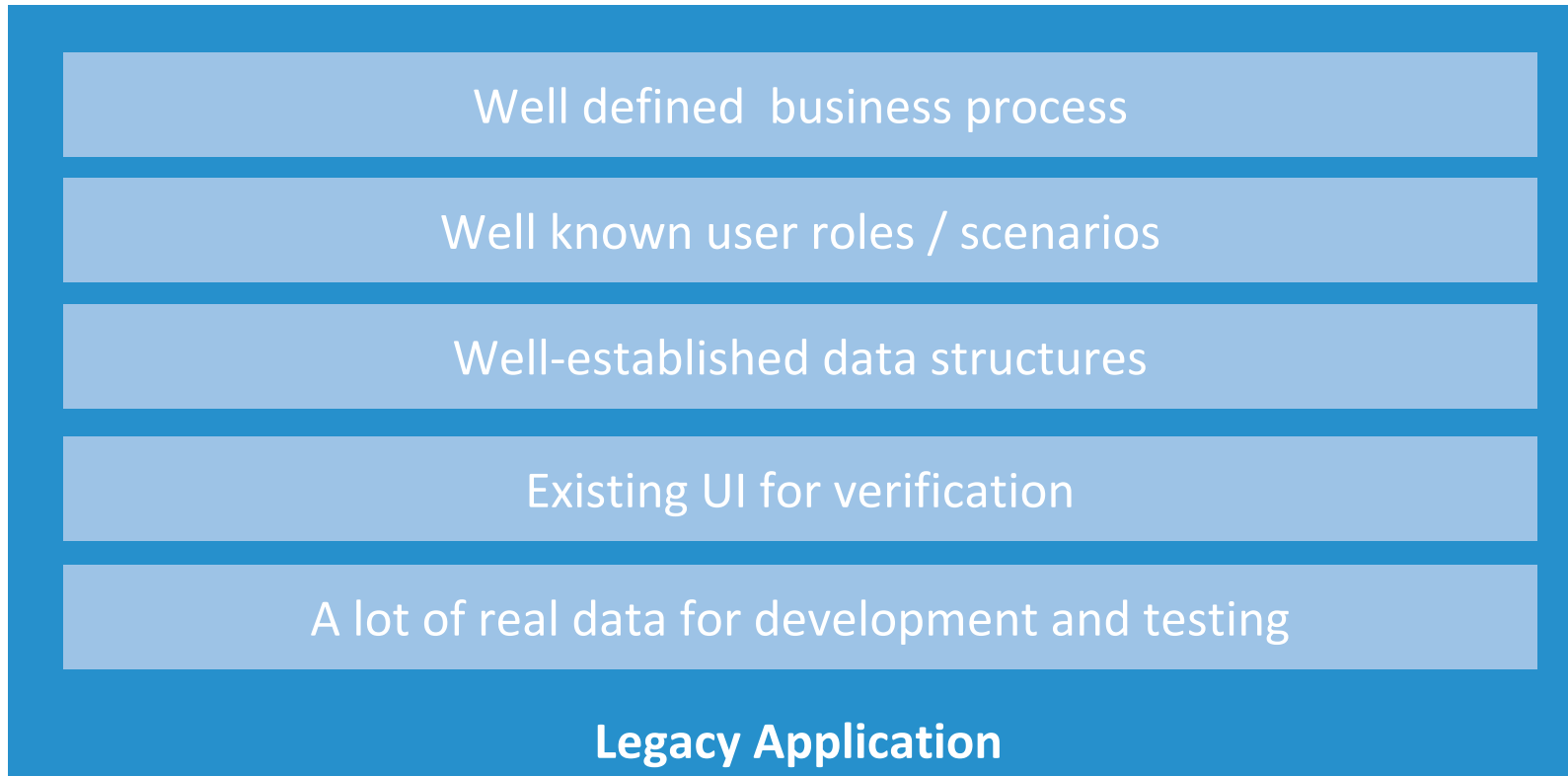


Application Modernization. Top causes

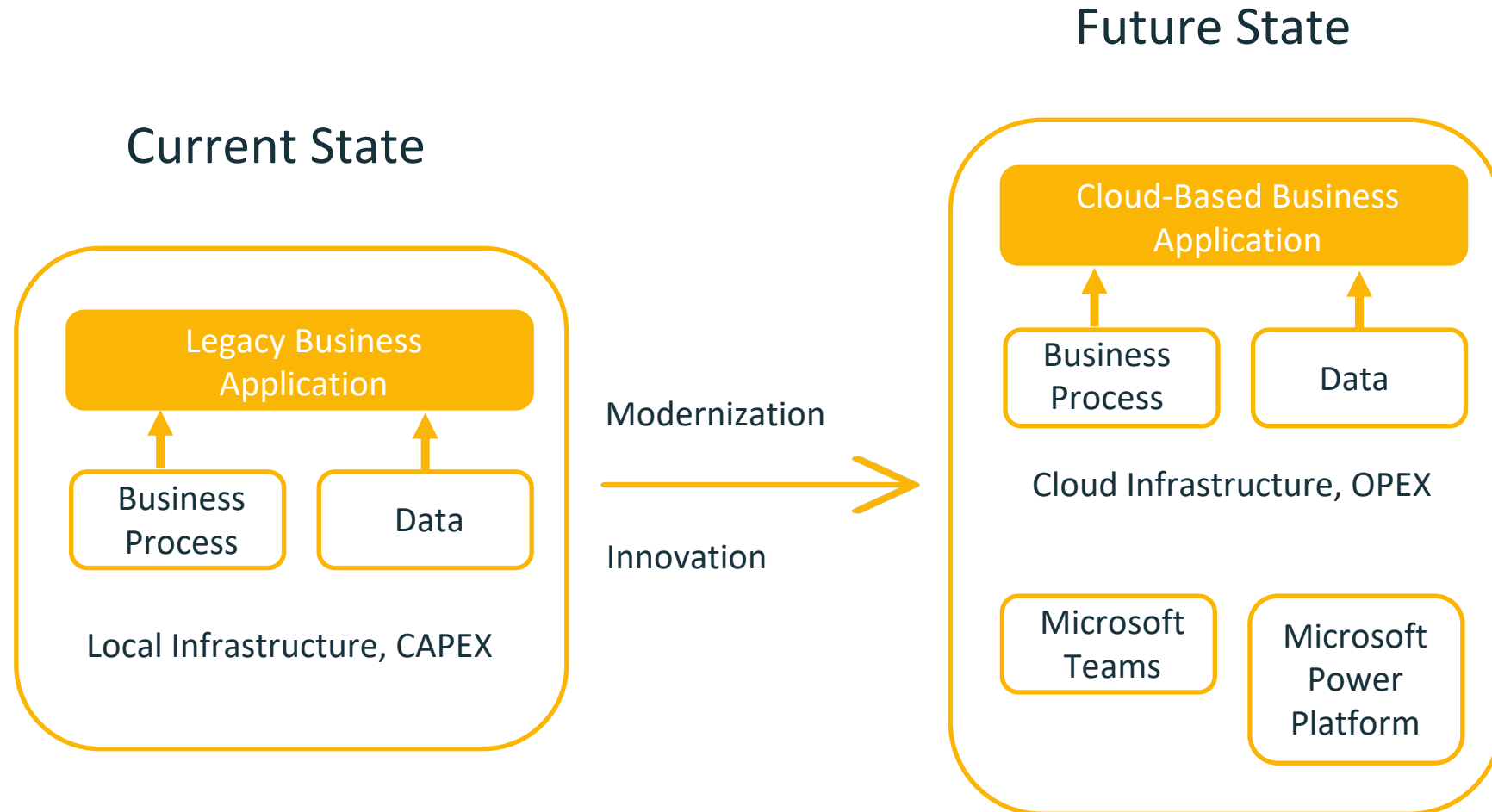
- ❖ User Interface
- ❖ Mobile Access
- ❖ Data Access
- ❖ Integration
- ❖ Extensibility (new scenarios and processes)
- ❖ Platform and Technology Stack
- ❖ Licenses Costs
- ❖ End of support
- ❖ Maintenance
- ❖ Expertise (lack of developers, too expensive)

Applications Modernization as a start of Digital Transformation

Use legacy app as source of the knowledge



App Modernization and Innovation result



Application Modernization Means



- Create modern web apps
- Provides reliability, scalability, data collection and publishing

- A communication platform to support teamwork
- New ways of business process automation (e.g., chatbots)

- Low code platform to deliver solutions quickly
- Mobile applications, RPA capabilities, built-in Reporting and BI tools
- Integration with Azure Cloud, Microsoft 365

Microsoft Azure Cloud

- IaaS, PaaS and SaaS platform from Microsoft
- More than 200 services – from infrastructure optimization to AI



Virtual Machines

Provision Windows and Linux VMs in seconds



Azure Virtual Desktop

Enable a secure, remote desktop experience from anywhere



Azure SQL

Modern SQL family for migration and app modernization



Azure Cosmos DB

Build or modernize scalable, high-performance apps



Azure Kubernetes Service (AKS)

Deploy and scale containers on managed Kubernetes



Azure Cognitive Services

Add cognitive capabilities to apps with APIs and AI services



App Service

Quickly create powerful cloud apps for web and mobile



Azure PlayFab

Everything you need to build and operate a live game on one platform



Azure Functions

Execute event-driven serverless code with an end-to-end development experience



Azure Quantum

Experience quantum impact today on Azure



Azure Arc

Unify on-premises, hybrid, and multicloud infrastructure

App in the Cloud - Advantages



On-Site Hardware Is Not Needed



Seamless Scalability



Budget-Friendly Subscription Models



Extreme Cybersecurity



Extreme Availability



Complement On-site IT infrastructure



Suitable for Businesses of All Sizes

Microsoft Power Platform

Microsoft Power Platform is a group of products to:



Develop and build complex business solutions (Power Apps)



Analyze, and draw data visualizations (Power BI)



Automate a business process (Power Automate)



Build virtual agents for communication (Power Virtual Agents)

Microsoft Power Platform

BUSINESS APPLICATIONS

- ❖ Make professional-grade apps, create automated workflows, connect to diverse data sources, and embed dashboards

BUSINESS PROCESS AUTOMATION

- ❖ Include robotic process automation (RPA) and digital process automation (DPA) across all business applications

DATA-DRIVEN DECISIONS

- ❖ Capture real-time data from Power Apps, Power Virtual Agents, and Power Automate, then take the right actions with key insights from Power BI

INTELLIGENT CHAT-BOTS

- ❖ Use bots that complete actions using Power Automate while integrating with data sources via pre-built Microsoft Power Platform connectors

App on Power Platform - Advantages



Power Apps is a single, unified platform for app development



PowerApps streamlines operations



PowerApps provides organizations with a platform that encompasses a wide variety of tools



PowerApps is one of the most powerful and easy-to-use data storage technology



PowerApps develops new apps fast



PowerApps is cost-effective

Microsoft Teams

- ❖ A New Reality: **Hybrid Workforce**
- ❖ Microsoft Teams Is Platform For:



Meeting and Conferencing



Chat and Collaboration



Applications and Workflows



Meeting Applications

Microsoft Teams



Meeting Applications

- **Collaborate before you start**
Connect with your team before meetings and add the apps you need to help everyone prepare
- **Stay engaged and productive**
Use apps to make your meetings more visually engaging and effective
- **Keep the workflow going after meetings**
Track actions and start new workflows coming out of your meetings



Applications and Workflows

- **Integrate apps, bots, automated workflows, and dashboards with Teams**
 - ❖ **Productivity apps –**
Increase team's productivity with workflow and process automation apps to simplify how work gets done
 - ❖ **Project management apps –**
Easily navigate complex projects using process automation apps and tools
 - ❖ **Industry-specific apps –**
Address industry-specific needs with custom-built apps
 - ❖ **Business department apps –**
Execute everyday responsibilities with job-specific apps

Microsoft Teams and Microsoft Power Platform

A HUB FOR TEAMWORK:



Power Apps in Microsoft Teams –

Custom apps to digitize processes and improve efficiency



Power Automate in Microsoft Teams –

Automated repetitive tasks and connected data to improve agility and productivity



Power Virtual Agents in Microsoft Teams –

Use low-code chatbots to provide conversational, AI-driven insights and information



Power BI in Microsoft Teams –

Discuss and visualize data to align teams and confidently make data-driven decisions



Dataverse for Teams—

a low-code data platform built into Microsoft Teams

App in Teams - Advantages



Build new capabilities for users



Initiate workflows and processes



Create Tabs, Bots, Connectors,
Webhooks and Meetings and
Messaging Extensions



Send notifications and alerts



Create, share, and collaborate
on items in an external system



Utilize Teams data –
Microsoft Graph for Teams



Embed a Power App into a
Team channel

Modernization with Develonica in 5 steps

- 1**
 - Setup and goal-setting meeting
 - Digital transformation strategy review
-

RESULT: Defined goals aligned with the Strategy

- 2**
 - Application Portfolio Assessment
 - For each app, list proposed upgrades and innovations
-

RESULT: Report document with assessment results

- 3**
 - Assessments results analysis
 - Applications prioritization
-

RESULT: Modernization and Innovation Roadmap

Modernization with Develonica in 5 steps

4

- Project requirements preparation
- Project cost and duration estimation

RESULT: Project SOW

5

- Project delivery for each project

RESULT: Delivered project

For each
Project

SELECTED CASE STUDIES

Citation

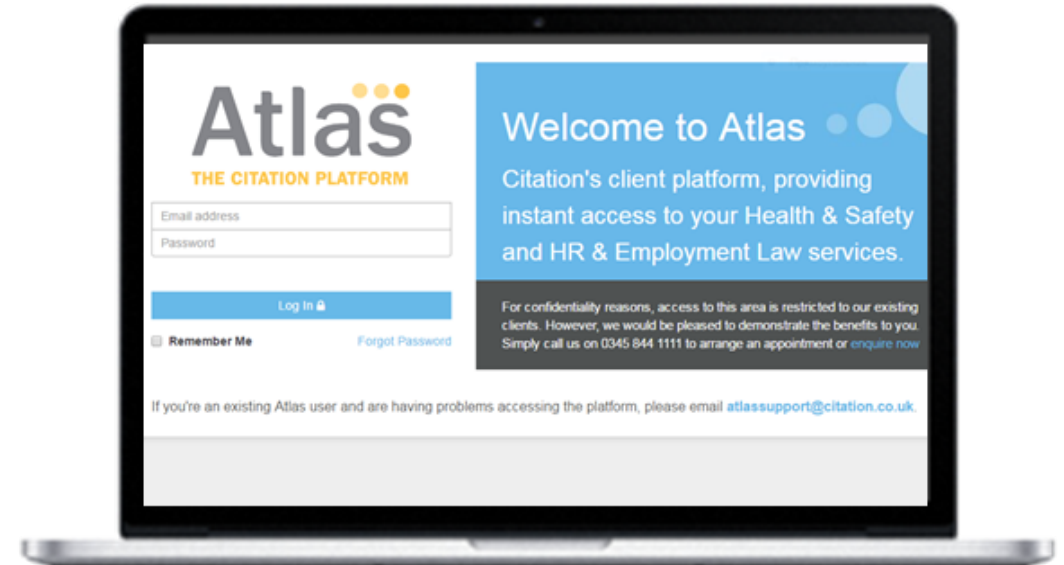
Development of an Information System for Health & Safety and Employment Law consultants

Client

Citation provides support in Human Resources & Employment Law, Health & Safety, ISO and Staff Training.

Project

- Development of an Information System for Health & Safety and Employment Law consultants and its customers
- The company needed a secure online platform to help clients plan and manage employee resources, online training, risk assessments, all in one place



Livestock transportation planning and tracking to automate manual and Excel-based process

Client

A part of a European livestock trading holding company that provides livestock transportation services in the EU and surrounding countries.

Solution

- Microsoft Azure-based solution, consisting Web UI and server-side code, SQL Server DB
- Web and Mobile access, ability to upload digital evidence files – photos and videos
- Collection of data according to EU livestock transportation law.

Result

Live Web-application used by logistics managers, resting farm managers and veterinarians to plan and track CIS transportations



Automated Incoming Invoice Registration System

Client

The owner and operator of the Hungarian high-pressure natural gas pipeline system servicing gas distribution companies.

Project

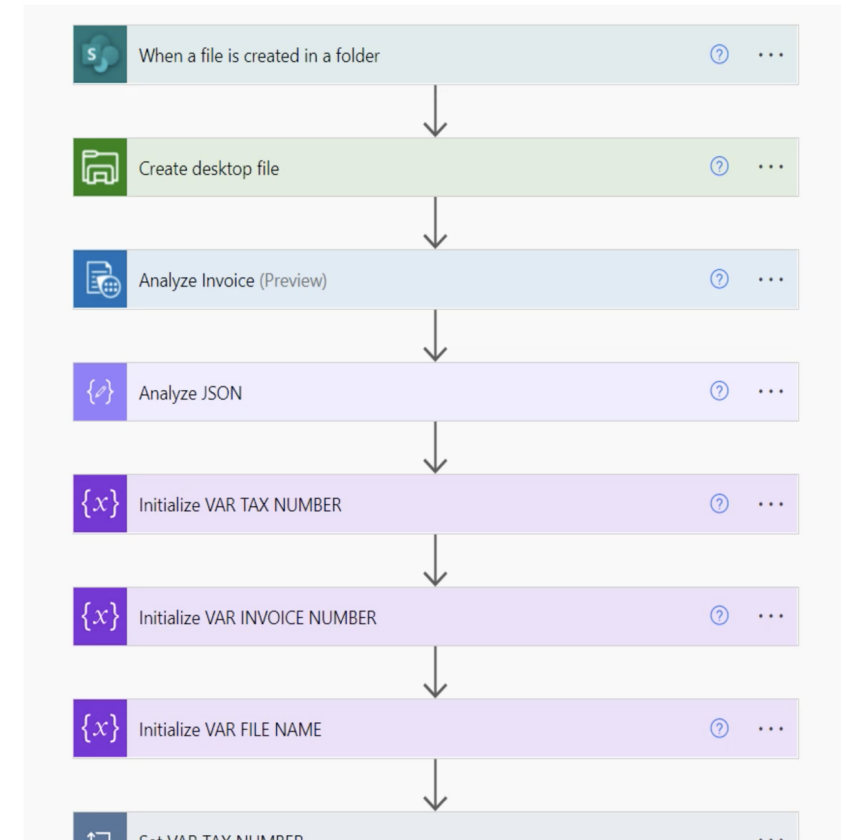
To automate forms content recognition for invoices and to implement RPA to insert forms data into the legacy accounting application.

Solution

Microsoft Azure AI-based forms recognition, Power Automate RPA (unattended robot).

Result

- Working solution implementing automated forms data extraction and insertion
- Planned to extend to support other types of documents



MODERNIZATION SCENARIOS

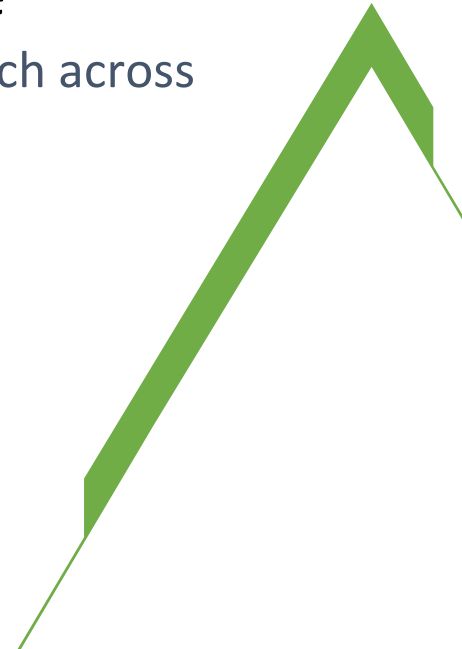
Hybrid Modernization scenarios

SINGLE APPLICATION

- ❖ Modernize UI
 - Mobile friendly
 - Chat-bot
- ❖ Application as Data Source
 - Cloud web application
 - Reporting / Analytics / BI

MULTIPLE APPLICATION

- ❖ Business process extension
 - Integration via connectors
 - Integration via RPA
- ❖ Application as Data Source
 - Knowledge base / search across multiple legacy apps
- ❖ User management
 - Single-Sign-On
 - Azure AD integration



INNOVATION SCENARIOS

Innovation Scenarios. Examples



BUSINESS PROCESSES

- Orders Management
- Suppliers Management
- Track Inventory and Equipment
- Digital Asset Management
- Digital Documents Management
- Reporting



EMPLOYEES

- Employees Tasks Automation
- Support **Hybrid Workforce**
- Safety and Compliance



CUSTOMERS

- Scheduling a Service
- Order Submission



Employees Tasks Automation



Employee Onboarding



Internal Help-desk



Employee Learning



Work from Home. Time and Attendance



Business Travel Management



Back to Office.
Workplace Scheduling



Parking lot reservation

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