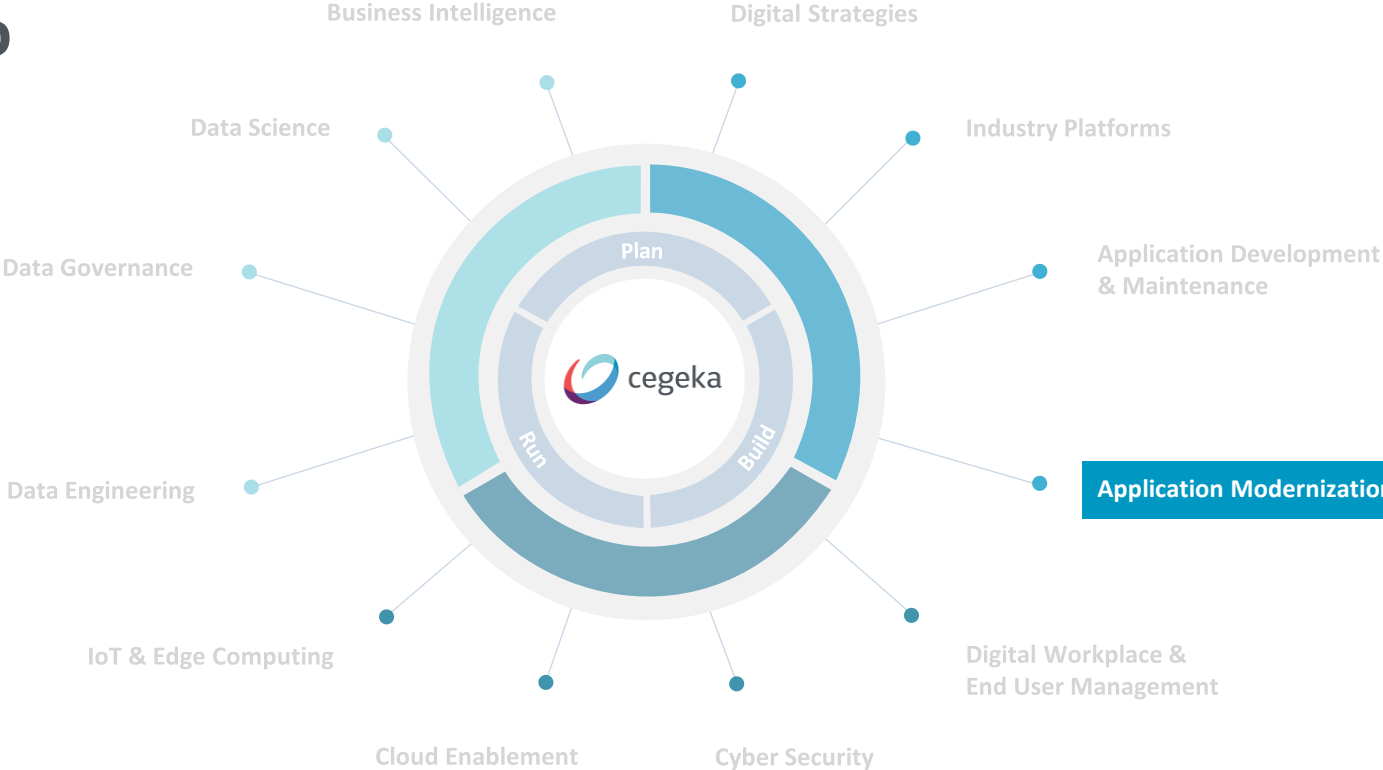




6R & Cloud Readiness Assessments

Solution portfolio





Cegeka
Business Solutions



Solution portfolio



Business Intelligence ▲

- Dashboarding & Self-Service BI
- Data Warehousing
- Data modeling
- Cegeka Business Insights

IoT & Edge Computing ▲

- IoT Platforms & Solutions

Application Development & Maintenance ▲

- Digital Factory
- Application Management Services
- Cloud Native
- Low Code
- Mobile
- Portals

Data Engineering ▲

- Platform
- Data Lake
- Data Migration & Transformation

Cloud Enablement ▲

- Fundamentals
- Governance & Compliance
- Operations
- Public & Private
- Hybrid Cloud
- Container Platforms

Application Modernization

- 6R & Cloud Readiness Assessments
- Integration Services
- DevSecOps

Data Governance ▲

- Master Data mgt
- Data Quality

Cyber Security ▲

- Assess
- Prevent
- Detect & Respond
- Recover

Digital Strategies ▲

- Inspiration & Exploration
- Strategy & Advisory
- Design & Innovation

Data Science ▲

- Analytics
- Artificial Intelligence
- Machine Learning

Digital Workplace & End User Management ▲

- Equipment
- Support
- Platform
- Teamwork
- Experience
- Advanced security

Industry Platforms ▲

- Healthcare
- Smart Industries
- Finance
- Aviation
- Social
- Smart Cities

Challenges



Fast changing world
M&A, Ecosystems
User expectations



IT complexity will
keep increasing
eg. roadmap to public cloud



Legacy slows
businesses down



Difficult balance
Cost, Reliability,
Security & compliance vs.
Value, Agility, Openness



IT Capabilities
Skill gaps, shadow IT

6R



Refactor



Repurchase



Retain



Retire



Rehost



Replatform

Outcome



Actionable Roadmap

Optimize Application
& Infrastructure landscape

6R - Approach


1. BUSINESS
-> IT STRATEGY



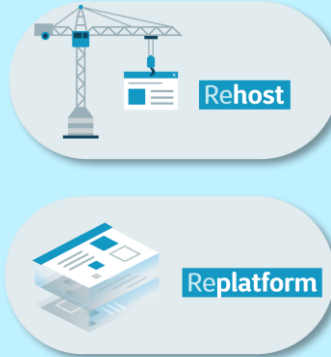
STRATEGY
O N - A - P A G E


2. APPLICATION
INVENTORY



 Candidates to
Retire, Refactor,
Repurchase or Retain

4. INFRASTRUCTURE
INVENTORY



 Further refine
the candidates to
Rehost or Replatform

5. LANDING
ZONES

6. DETERMINE
6R PRIORITIES



Estimate
cost, benefit &
risk reduction

7. PRESENT
IT ROADMAP

P L A N
O N - A - P A G E

1. BUSINESS
-> IT STRATEGY

STRATEGY
ON-A-PAGE

Example
Bank X

VISION	Changing world eg. Fintech					THE FUTURE
MISSION	Ultimate customer experience in target market					WHY WE WILL EXIST
OBJECTIVE	Customer Obsession	Operational Excellence				WHO WE WANT TO BE
STRATEGY	Multichannel, Pro-active	Always On	Security	Compliance	Cost	HOW WE WILL GET THERE
TACTICS	Differentiating Mobile App	...	...	...	...	ACTIONS WE WILL TAKE TO GET THERE
	Predictive Analytics					
	...					
KPI'S	Mobile App Usage Conversion Rate	...	...	...	...	HOW WILL WE MEASURE PROGRESS? (S.M.A.R.T.)

1. BUSINESS
-> IT STRATEGY

STRATEGY
ON-A-PAGE

Example
Hospital X

VISION	Consolidation & Globalization, Omnichannel & mobile care, Smart apps & devices, Regulatory, Pandemic				THE FUTURE
MISSION	Enhance patient value				WHY WE WILL EXIST
OBJECTIVE	Patient Experience	Employee Experience	Security & Compliance	Operational Excellence	WHO WE WANT TO BE
STRATEGY	Personalise Care	...	...	...	HOW WE WILL GET THERE
TACTICS	...	...	...	...	ACTIONS WE WILL TAKE TO GET THERE
KPI'S	Patient recorded experience	Employee satisfaction & retention	% Compliant # Security incidents	TCO, Patient treatment times	HOW WILL WE MEASURE PROGRESS? (S.M.A.R.T.)

2. APPLICATION INVENTORY

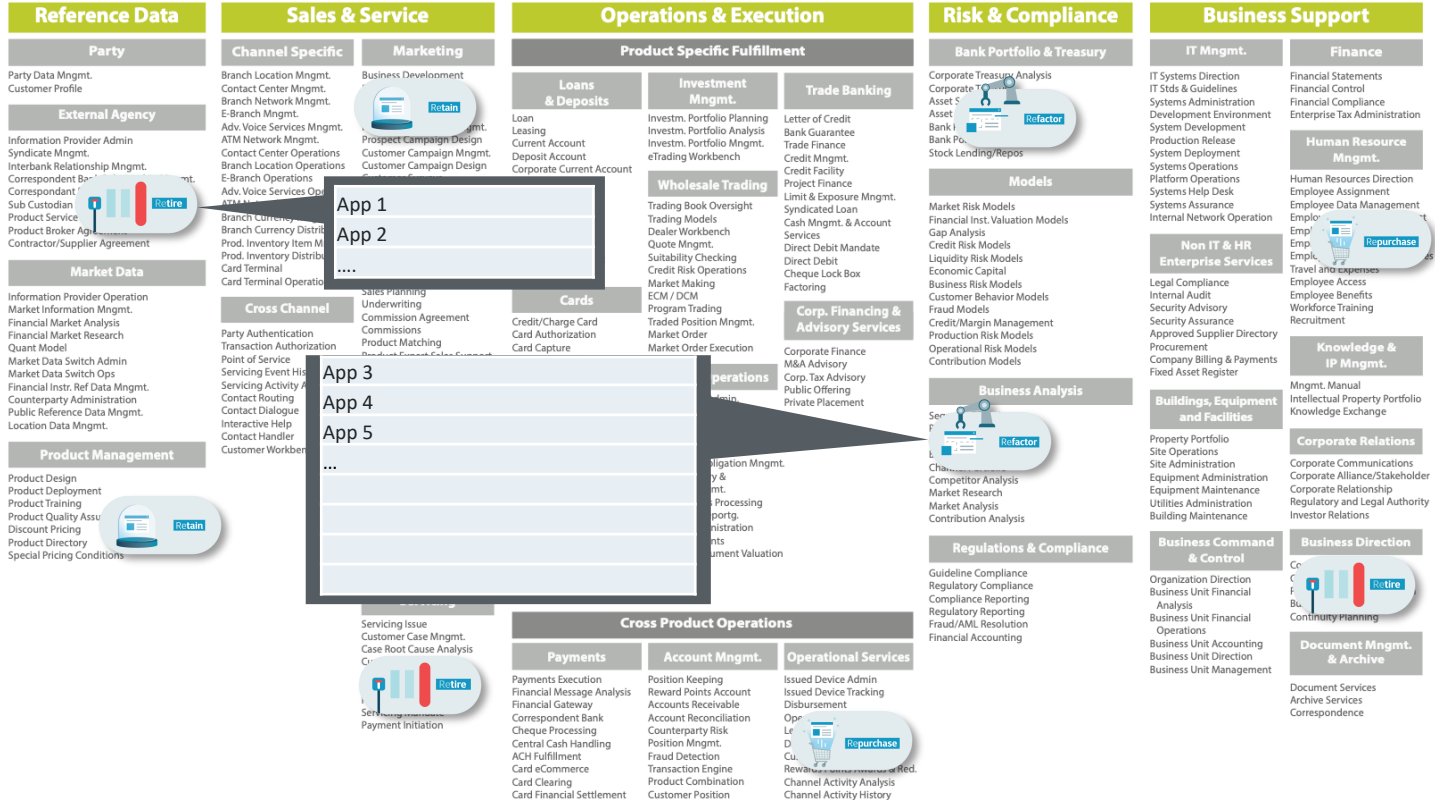


	Application	Custom/SaaS	Functional fit	Technical fit	Vendor fit	Cost/Value	Risks/Issues	...
	App 1	_____	_____	_____	_____	_____	_____	
	App 2	_____	_____	_____	_____	_____	_____	
	App 3	_____	_____	_____	_____	_____	_____	
	App 4	_____	_____	_____	_____	_____	_____	

3. PROCESS MAPPING

Candidates to Retire, Refactor, Repurchase or Retain

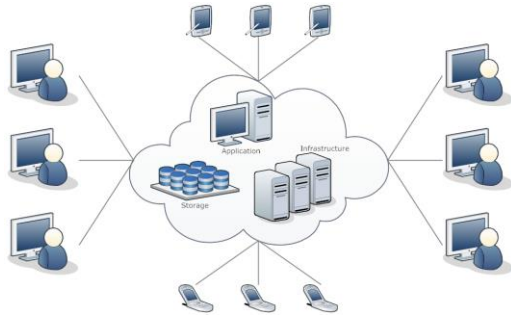
Example Finance & Insurance



4. INFRASTRUCTURE INVENTORY

Further refine
the candidates to
Rehost or Replatform

Example



- Gather & review existing documentation
- Infrastructure-on-a-page

Customer logo		cegeka											Footprint		
Technical Application Management		Compliance	Corporate Bank	Retail	HR	Finance	MDR	MDS	Payments	Risk	Treasury				
EUC		Virtual Workplace	Directory Serv.	IAM	User Virtual.	App Launcher	Citrix	Office 365	File Services	Print Service					
		Software and OS deployment	Workplace Application	Anti-Virus	Storage and Backup	Remote Access	Enterprise Mobility	Sharepoint	Proactive User Experience Monitoring						
Telecom		Voice over IP					Voice Logging								
Business Applications and Infrastructure	DBMS	Oracle													
	Infrastructure	Virtual Servers	Physical Servers	OS Windows	OS Linux	Hypervisor									
Connectivity and Security		Cloud Backup	StorSimple	Datacenter LAN	Website Hosting	Monitoring									
	WAN and Internet	WAN	DCI	Internet	Sh. Firewall (Backend)	Ded. Firewall (Frontend)	App. FW & Reverse Proxy	Loadbalancing	Remote Access (SSL VPN)	Two-Factor Authentication					
	LAN	Office LAN					Wireless LAN								
	Security	Vulnerability Scanning					Awareness								







CAST Highlight
Rapid application portfolio analysis



5. LANDING ZONE ANALYSIS

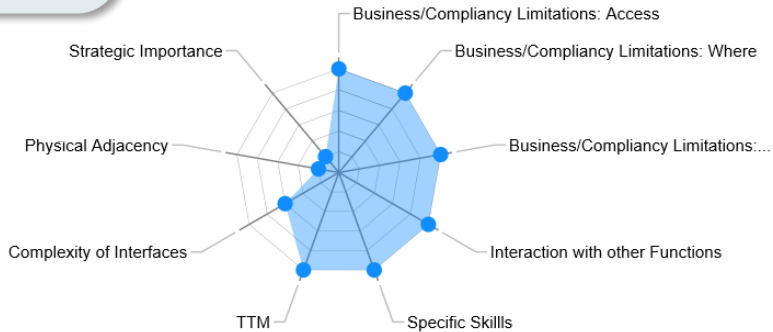
Further refine
the candidates to
Rehost or Replatform

Example

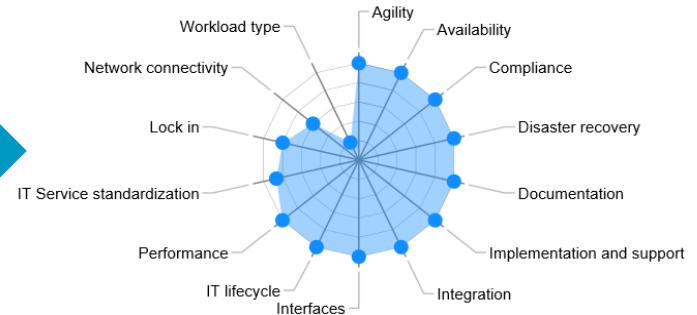
Action	Target
 App 1 Dev & Test	Azure | Managed Container Platform
App 1 Production	Cegeka | Managed Container Platform
 MS SQL apps	Azure | Azure MS SQL
 Archive data	Azure | Azure Archival storage
 Legacy hardware	Cegeka | IaaS – shared VM platform



Cloud Fitness



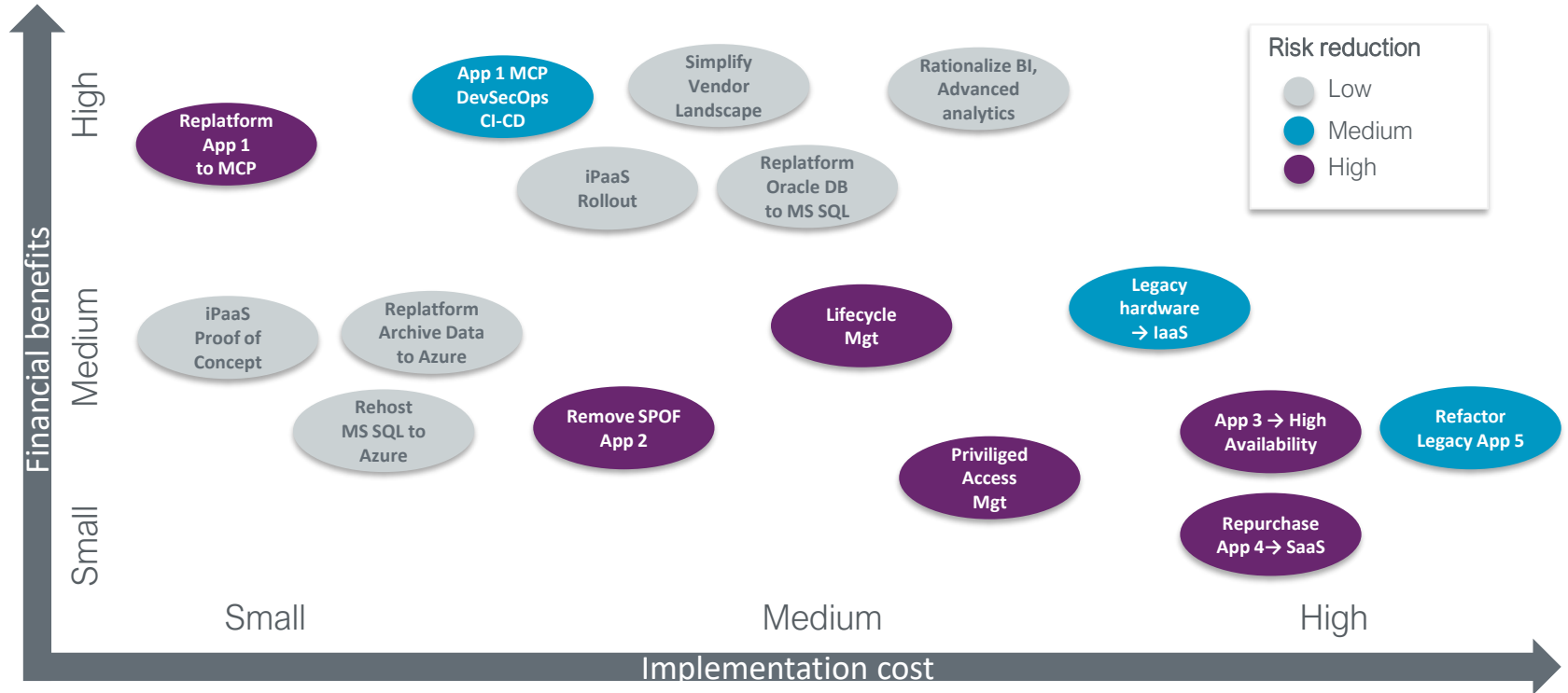
Cloud Readiness



6. DETERMINE 6R PRIORITIES

Estimate
cost, benefit &
risk reduction

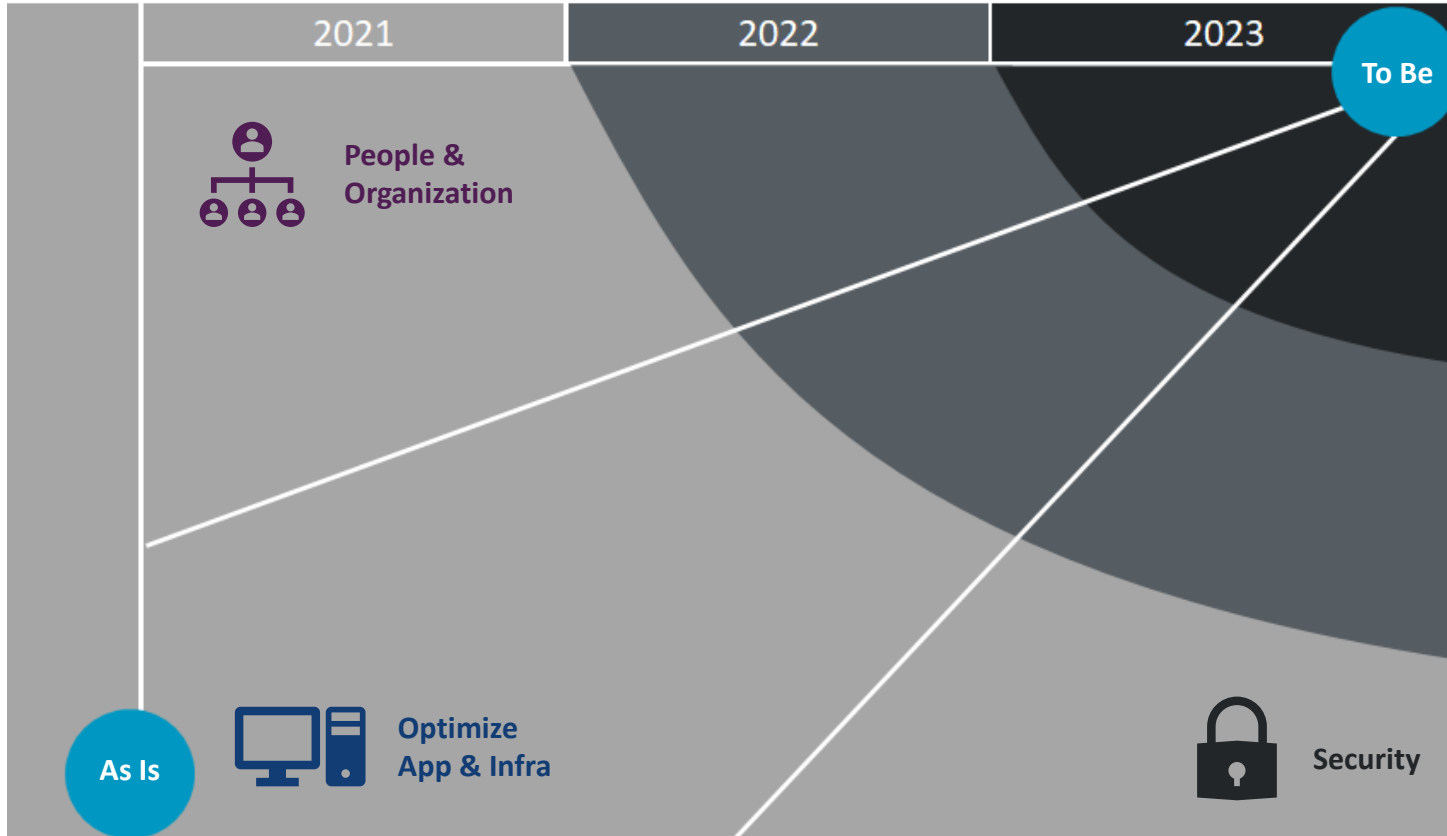
Example



7. PRESENT IT ROADMAP

PLAN
ON-A-PAGE

Example



6R Scan

App Landscape Assessment

Cloud Readiness Assessment

1. BUSINESS
-> IT STRATEGY

2. APPLICATION
INVENTORY

3. PROCESS
MAPPING

4. INFRASTRUCTURE
INVENTORY

5. LANDING
ZONES

6. DETERMINE
6R PRIORITIES

7. PRESENT
IT ROADMAP




STRATEGY
ON - A - PAGE



 Candidates to Retire, Refactor, Repurchase or Retain



 Further refine the candidates to Rehost or Replatform



Estimate cost, benefit & risk reduction

PLAN
ON - A - PAGE

CAST Highlight application portfolio scan

Azure migrate scan

To Be Architecture

Detailed Cost-Benefit

6R as a Service

6R & Cloud Readiness Assessment

Benefits



Fast Result

- Pragmatic approach
- Automated tools & checklists
- Experienced consultants



High Value

- Actionable application & infrastructure modernization roadmap
- Prioritized on cost-benefit-risk & strategy



Low Customer Effort

- Focused workshops
- Agile approach
- In close cooperation with customer

Why Cegeka?

PROVEN CAPABILITY

BROAD CUSTOMER BASE & INDUSTRY KNOWLEDGE

PROVEN CRAFTSMANSHIP

DATA – APPS – INFRA – SECURITY – 5G



PRAGMATIC APPROACH

FAST RESULT – HIGH VALUE – LOW CUSTOMER EFFORT

END-TO-END SOLUTION

PLAN – BUILD – RUN

—

References

—



Utilities

Electricity | Gas | Drinking Water



650 employees



Netherlands

“Cegeka showed DNWG the way to the cloud and went beyond only the technical aspects”

Patrick Verschueren,
Manager ICT Services DNWG



DNWG - Azure Cloud Readiness Assessment

CHALLENGES



- Integration of DNWG in Stedin Group
- Heavy applications eg. Geographical Information System
- Doubts about cloud migration readiness

SOLUTION



- Landing Zone Assessment
- Microsoft Azure Cloud Readiness Scan
- Final Report
 - Technical and functional analysis
 - To Be architecture
 - Azure migration business case
 - Concrete advice, taking into account the DNWG and Stedin context and strategy

RESULTS



- Clarity concerning application cloud readiness
- Preventing issues during cloud migration
- Alternative solutions for applications not ready to migrate to the cloud
- Roadmap for the future



One of Europe's leading parking providers



More than 835,000 parking spaces in over **6100** parking facilities across 10 countries

"Digital transformation is a continuous process. Cegeka will remain our partner to inspire, inform and help us as we keep looking for ways to connect and engage with our customers."

Frank de Moor, CEO Q-Park



QPark – Joint Digital Transformation Journey

CHALLENGES



- Fast and easy online access for the digital generation
- Switch of both business processes and business model
- Tool for the reinforcement of the customer orientation

SOLUTION



- Cegeka as collaborative sparring partner – flexible, pragmatic and close to the customer
- Joint Digital Transformation Journey towards a central integrated platform, combining standard Microsoft ERP and CRM solutions with agile custom developments
- Digital transformation as a continuous process

RESULTS



- Transformation of the key business processes at every Q-Park branch
- Higher efficiency for employees, completely new level of services for customers and happy third parties



Vehicle glas repair & replacement



600 employees



56 service centers

"Thanks to the integration and further development of our applications by Cegeka, we have already started working much more efficiently"

Sjoerd Cohen,
IT Manager Carglass



Carglass – Application Landscape Simplification

CHALLENGES



- Simplifying the application landscape
- Phasing out legacy applications
- 56 locations with shared apps
- High agility through self-service

SOLUTION



- Rationalization of the landscape
- High-quality system integration
- Outsourcing technical management
- Further development or phasing out of applications
- Software As a Service and Platform As a Service solutions

RESULTS



- Improved internal and external cooperation
- Improved customer service
- Cost reduction
- Simplification of the IT landscape
- Modern and secure data traffic (cloud)

Application Modernization with Dynamics 365

*Every Cegeka Dynamics 365 project starts with an application rationalization analysis
(Strategy - Application inventory - Process mapping)*

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