

# Technology Partner

Microsoft  
Partner

Gold Application Development  
Gold Data Analytics  
Gold DevOps  
Silver Cloud Platform



## eXperts for Microsoft



## Competencies

Data Analytics  
Application Development  
DevOps • Security  
Cloud

## BizzContact App

Business Contacts  
GDPR-compliant  
Corporate Backends



## Customers

Union Investment  
Lufthansa  
Commerzbank  
DekaBank  
KV Hessen  
Dachser  
Helaba / Helaba Invest  
Klüber (Freudenberg)  
Giesecke+Devrient  
DZ Bank  
Deutsche Bahn  
Jettainer (Lufthansa)  
GIZ

## Microsoft Platform – Cloud and On Premises

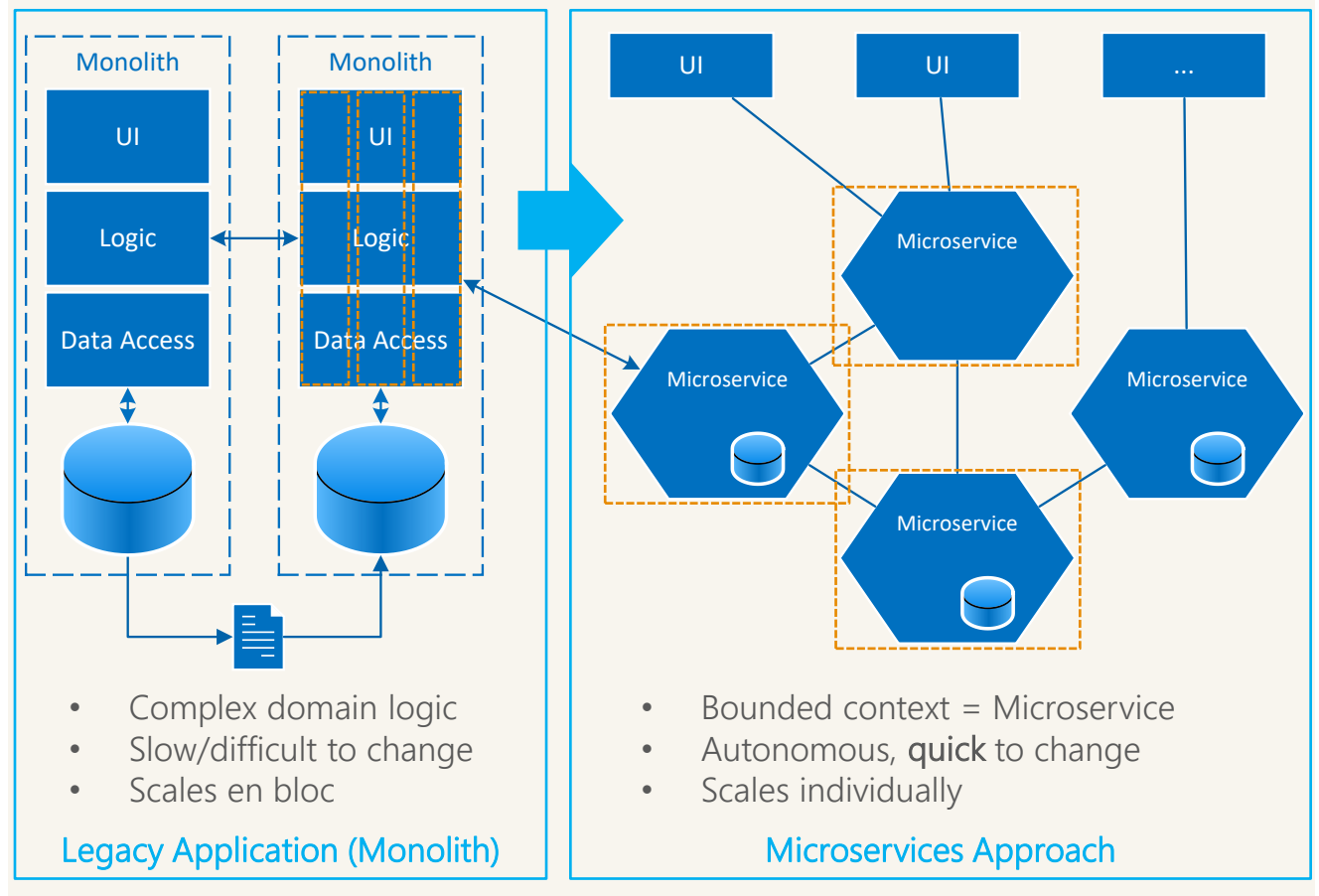
Microsoft 365, Dynamics 365, Azure DevOps  
Desktop, Web, Mobile (Xamarin)  
Azure Services, Power Platform



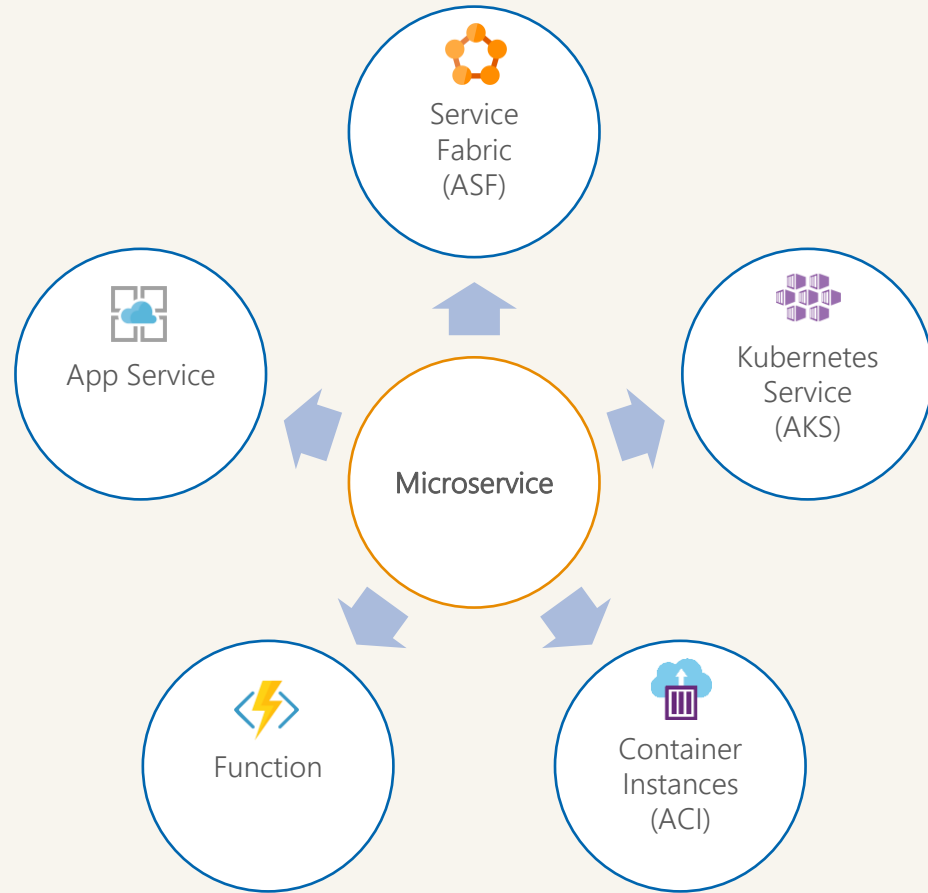
## Innovation Services

Modern X-Platform Apps  
Modern Web Apps  
Data Analytics/ML  
Microservices  
Digitalisation  
Agile with Scrum

# Microservices



# Microservice Hosting Options (Selection)



# Selection Criteria

- Zero (?) Downtime
- Rolling Upgrades, Rollback
- Auto Healing
- Scalability

- Deployment
- Orchestration
- Monitoring, Logging
- Scalability

High Availability

Platform, Ecosystem



Effort, Cost

Services, Use Cases

- Consumption
- Maintenance
- Development
- DevOps

- Number
- Use Case, Requirements
- Complexity

# SDX Services

Innovation & Motivation



## Format

- Technical Council (2 h)
- Workshop (1-2 days)

## Target groups

- Decision Makers, Project Managers, Architects, Developers

Level: 100, 200, 300, 400

## Azure Innovation Services

- Clouderization of Legacy Solutions
- Data Analytics on Azure
- Predictive Analytics on Azure
- Innovative Business Apps with Xamarin.Forms
- Single Page Applications with Angular
- Microservices – Hosting on Azure
- Azure Functions Hands-On
- DevOps/DevSecOps on Azure
- Azure Kubernetes Service
- Security

## SDX Services



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## Software Development and Data Analytics Projects

- Technology and product selection
- Architecture and application/platform design
- Implementation and integration
- Azure cost optimization
- Automation (DevOps)

## Proof of Concepts, Projects, Staffing

- Analysis → Evaluation → Project → Product
- Additional funding where applicable

## Agile Methods

- Iterative implementation using agile methods (e.g. Scrum)
- Your benefit: iterative improvement and short time to market

Workshops,  
Briefings,  
Showcases



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## Microservices Hosting on Azure

- Using Microservices as an Architectural Approach for Building Scalable Systems
- Overview of Azure Services for Microservices Hosting and Orchestration
  - Azure Service Fabric
  - Azure Kubernetes Service
  - Azure Container Instances
  - Azure Functions
  - Azure App Services
- Service Comparison and Cost
- Summary: Key Takeaways and Recommendations

# Contact Information



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# Innovation. Community. Success.



As a technology partner, SDX is passionate about realizing modern, attractive software powered by first-class architectures, using state-of-the-art and professional methods. Thereby, we achieve sustainable success for our customers, our eXperts and for SDX.

**Our vibrant SDX community ensures know-how transfer and better software.**

