

Technology Partner

Microsoft
Partner

Gold Application Development
Gold Application Integration
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
Fresenius
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
Cloud Native Dev/DevOps
Application Modernization

Application Migration

Analyze dependencies

- Technologies, 3rd party libraries, potential side-effects

Set up migration strategy

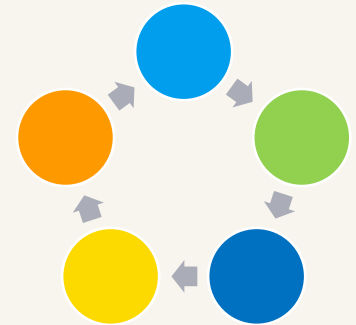
- Decide on future technologies, slice horizontally and/or vertically

Address dependencies

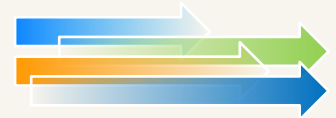
- Prepare for parallel operation to mitigate risks

Migrate applications

Modularize

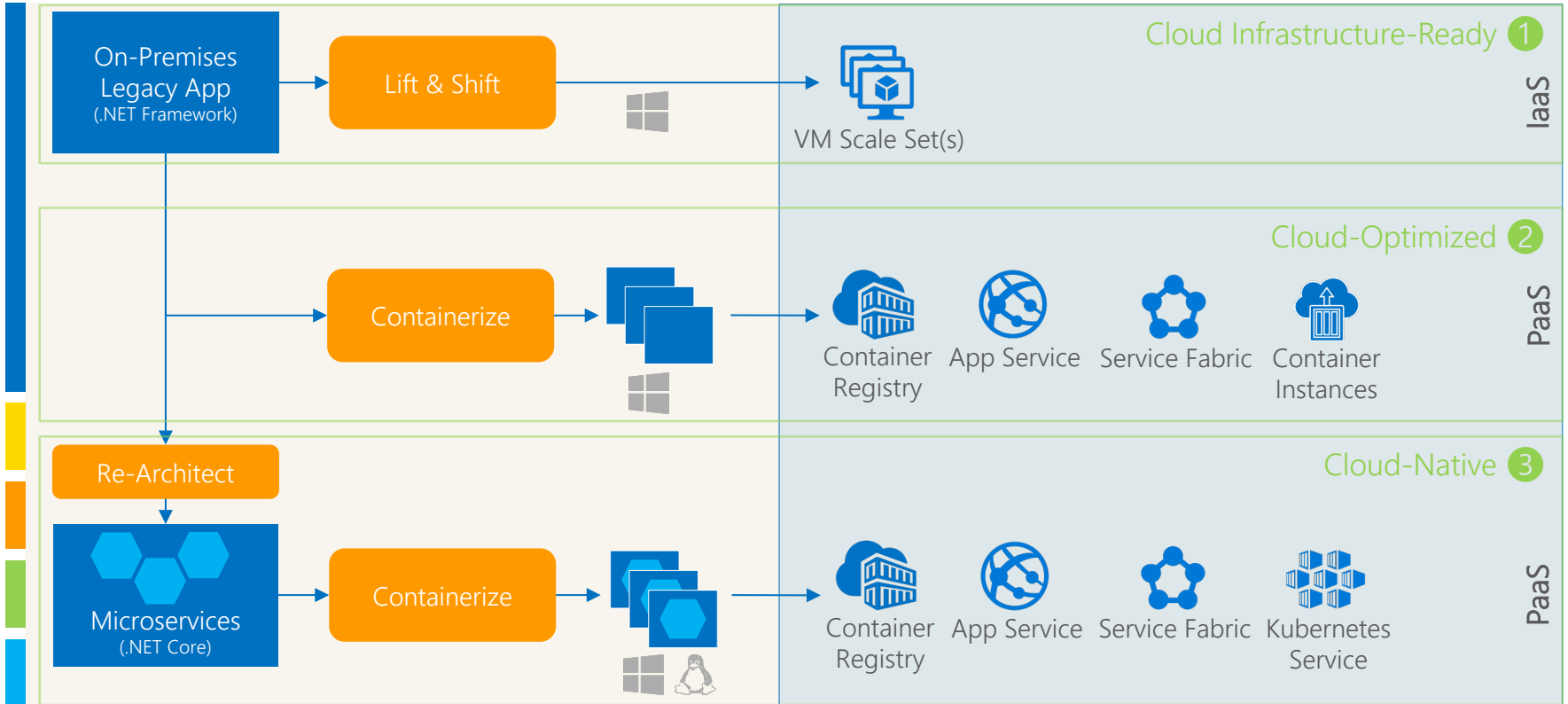


Iterative (avoid Big Bang!)



Decoupling

Cloud Migration – Cloud Maturity Levels



Objectives

Short Term

- Hosting of legacy applications on Azure
- No code changes
- Disposal of on-premises resources (hardware)

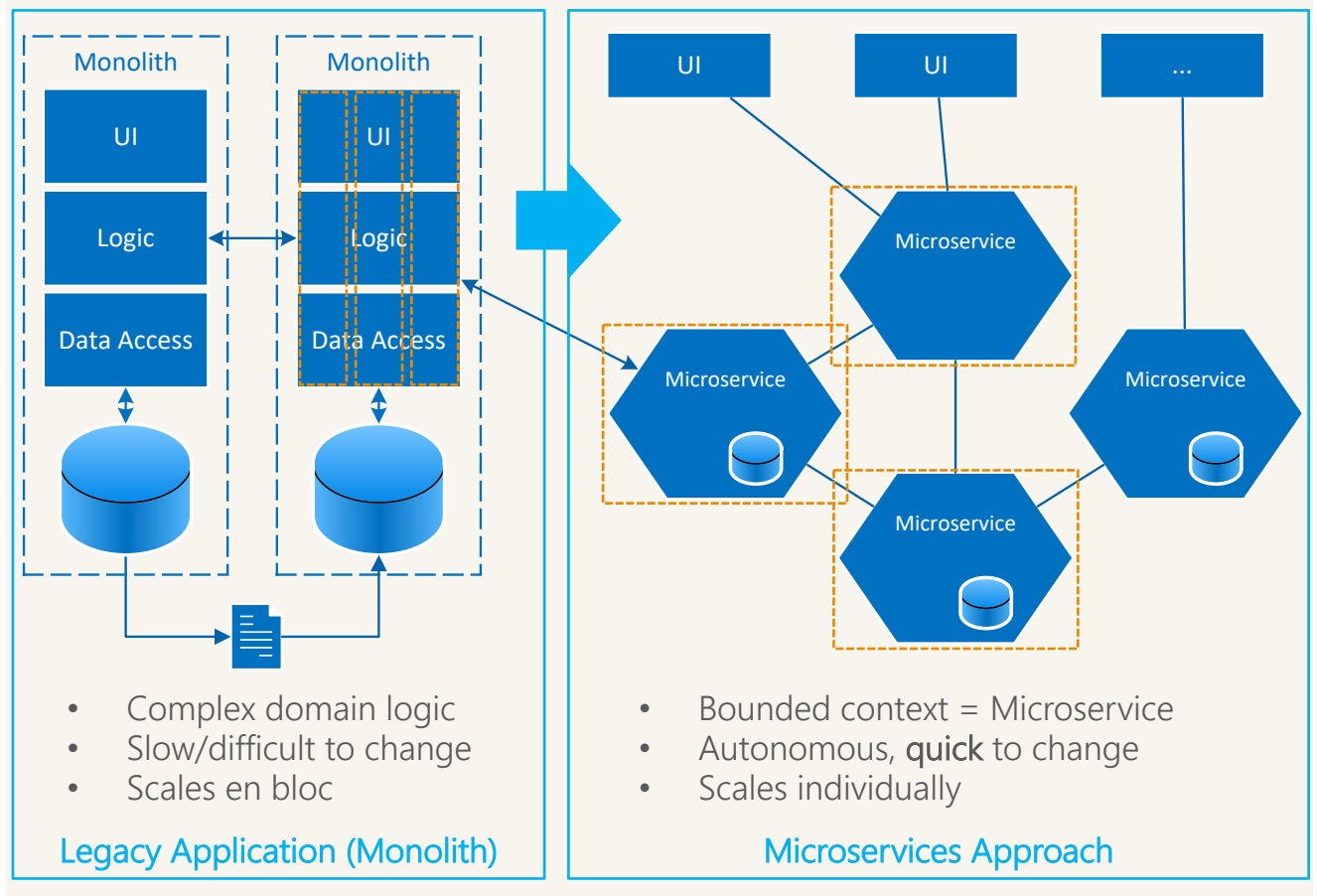
Medium Term

- Cloud optimization
- Simplified DevOps
- Increased scalability

Long Term

- Architectural transformation, refactoring, rewrite
- Cloud as primary target
- Full scalability

Microservices



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
- Microservices – Hosting on Azure
- Cloud-Native Application Development & DevOps on Azure
- .NET Core Migration
- Big Data and Predictive Analytics with Azure
- Microsoft Power Platform: BI • Apps • Automate • Virtual Agents
- Azure Kubernetes Service
- Innovative Business Apps with Xamarin.Forms, MAUI and Blazor
- Single Page Applications with Angular or Blazor
- Serverless with Azure Functions
- DevOps/DevSecOps on Azure
- Security

SDX Services



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Software Development and Data Analytics Projects

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

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



Application Modernization Series

- Past and Future of the .NET Platform: .NET Framework, .NET Core, .NET 5/6
- Migration Scenarios by Application Type
- Migration Steps and Options
- Cloud Adoption: Overview of Cloud Migration Paths
 - Lift & Shift
 - Cloud-Optimization
 - Cloud-Native Applications: Microservices
- Container Governance and Security
- Platform as Code, DevOps

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Contact Information



Werner Franz

CEO

✉ Werner.Franz@sdx-ag.de

☎ +49 (160) 8287 889

🌐 LinkedIn Contact



Simone Franz

Management

✉ Simone.Franz@sdx-ag.de

☎ +49 (151) 1533 1220

🌐 LinkedIn Contact



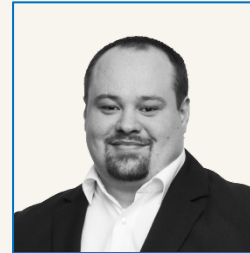
Anette Mroz

Ass. CEO and Sales

✉ Anette.Mroz@sdx-ag.de

☎ +49 (151) 1732 1181

🌐 LinkedIn Contact



Daniel Thomas

Technical Sales

✉ Daniel.Thomas@sdx-ag.de

☎ +49 (151) 1538 1827

🌐 LinkedIn Contact



Dr. Till Rebenich

Chief eXpert

✉ Till.Rebenich@sdx-ag.de

☎ +49 (171) 4411 619

🌐 LinkedIn Contact



Social

www.sdx-ag.de/Flurfunk

<http://www.Facebook.com/SDX.AG>

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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.

