Dr. Stefan Malich
http://twitter.com/stefan_malich
http://architecturalchangemanagement.com

E.ON's Business-Driven Journey Towards the Adoption of Cloud Computing

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Agenda

1. E.ON‘s Perspective on Cloud Computing
2. Our Business-Driven Journey Towards the Adoption of Cloud Computing
3. Key Findings & Insights

E.ON’s transformation towards the new energy world required enhanced IT capabilities which are enabled by cloud computing.

Business Strategy

- Close integration with customers & partners
- Digital business models, products & services
- Collaboration in dynamic multi-enterprise ecosystems
- Transformation into decentral & distributed energy world

Business Drivers & Requirements

- Quick response to unpredictable demand or requests of customers & partners
- Time to market / quick availability of services and products to customers & partners
- Flexible / scalable cost
- Analysis of large data volumes to predict customer demand / service adoption

Cloud Characteristics

Elasticity

- Ability to handle expected & unexpected changes in load

Speed

- Faster availability of business functionality

Cost Flexibility

- Flexible IT costs (as you go model)
- Low costs of adoption & exit cost

New Technologies & Architectures

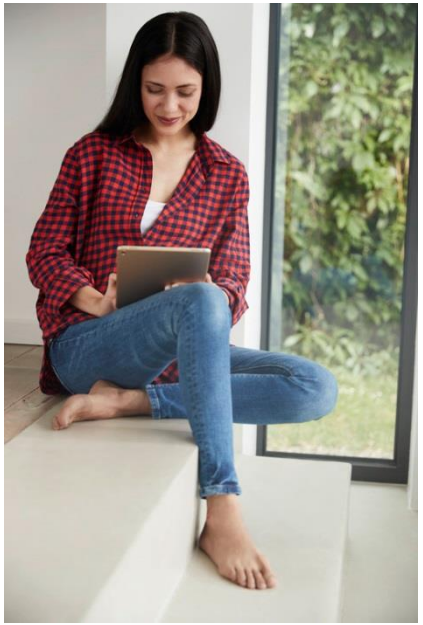
- Leverage quick access to new application platforms & services

E.ON is already running innovative and core-business workloads in the public cloud.

Renewables

Energy Networks

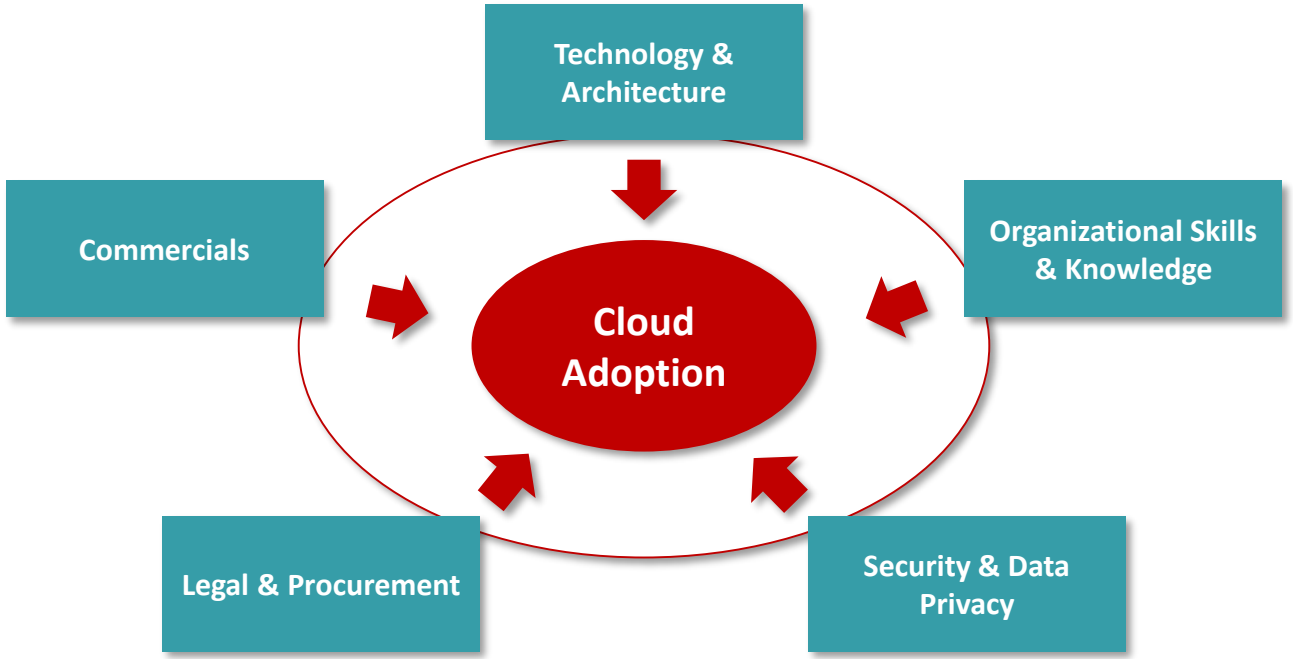
Customer Solutions



E.ON is implementing a hybrid cloud strategy which defines multiple options for transforming our application portfolio and optimize business value, cost and risk.

	1 Consume it	2 Build on it	3 Host on it
			
Strategic Usage Scenario	Standardized business capabilities and processes	Agile, flexible and modular development of customer products, services, channels and interactions	Applications with specific architectural, IT security or data privacy constraints
Strategic Cloud Provider/Service	Software as a Service SAP SuccessFactors, Microsoft Office 365, Microsoft Dynamics CRM, salesforce etc.	Public Cloud IaaS & PaaS Microsoft Azure, amazon web services	Private Cloud hp

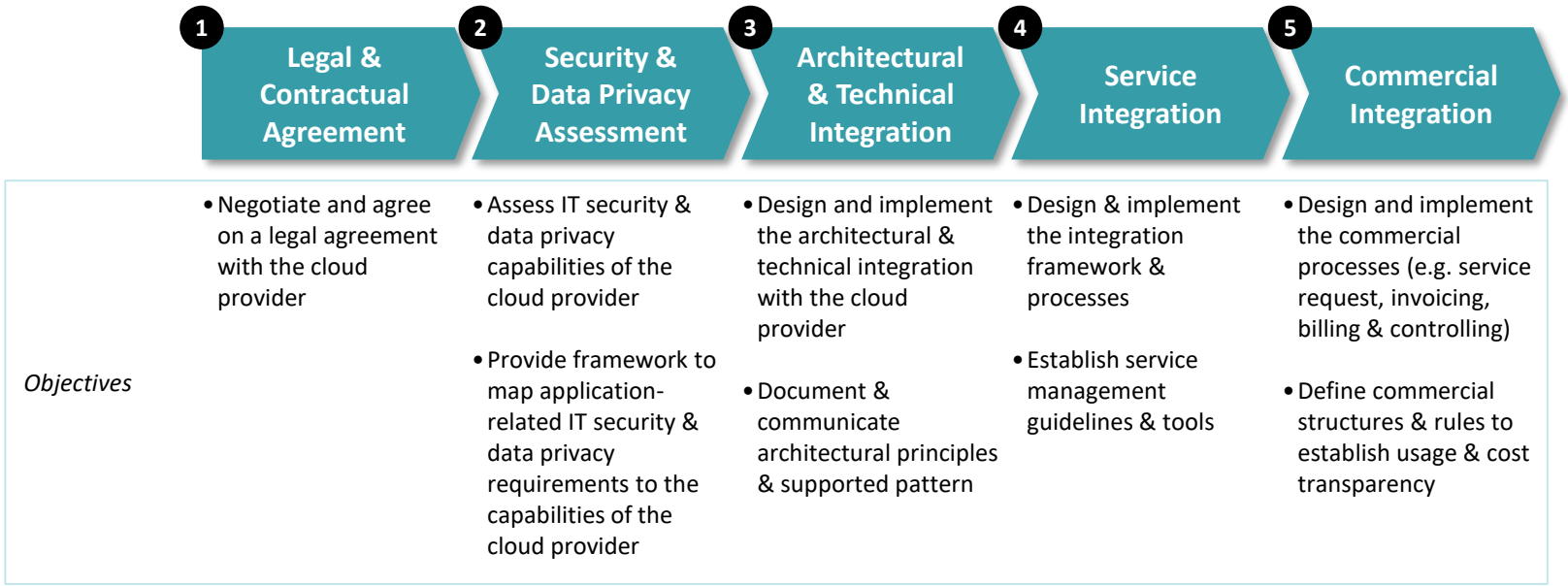
Cloud computing is not only about technology. In fact, E.ON had to be ‘cloud-enabled’.



E.ON's business-driven journey towards the adoption of cloud computing was (and still is) a multi-year endeavor.

Means	Various PoCs & Projects	Cloud Change Program		Line Organization & Architects	Cloud Migration Program
Key Activities	• Conducted PoCs with various cloud providers & different applications • Defined Cloud Strategy 1.0 • Defined & planned cloud change management program	• Established core team with cloud-related knowledge • Impact analysis of cloud computing on E.ON's capabilities • Enhanced relationships with cloud providers • Implemented initial capability enhance-ments • Supported ongoing cloud-related requests and projects	• Spread the cloud-related knowledge into the organization • Continued to improve E.ON's capabilities • Embedded into line organization (‚Center of Competence for Cloud')	• Optimized capabilities & cloud governance • Established metrics & feedback cycles • Defined & planned application portfolio transformation program	• Analyse application portfolio in relation to cloud potential • Migration wave planning • Transform & migrate applications into the cloud

We discovered various findings and insights alongside the process to integrate a cloud provider.



Thank you!