PARTNERING TRUST

"Enabling trust in the digital online economy"

PARTNERING TRUST

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- Managed largest German innovation programs (Internet of Services/Cloud);
- VP, software company specialized in information retrieval/Big Data.

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- Responsible for the NL SOC (Service Organization Control) assurance practice
- Board member, NOREA
- Involved in development Zeker Online
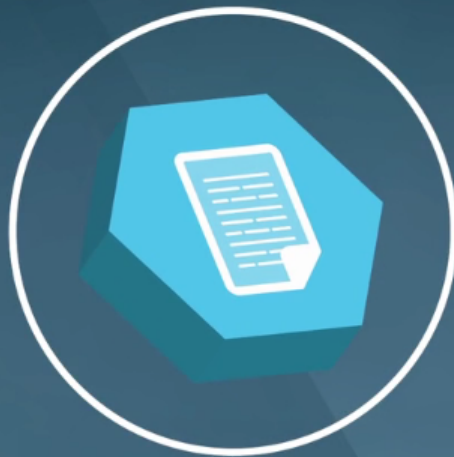
Partnering trust

"Enabling trust in the digital online economy"

Partnering Trust: Ambitions

Generic processing agreements

Information Security Baselines

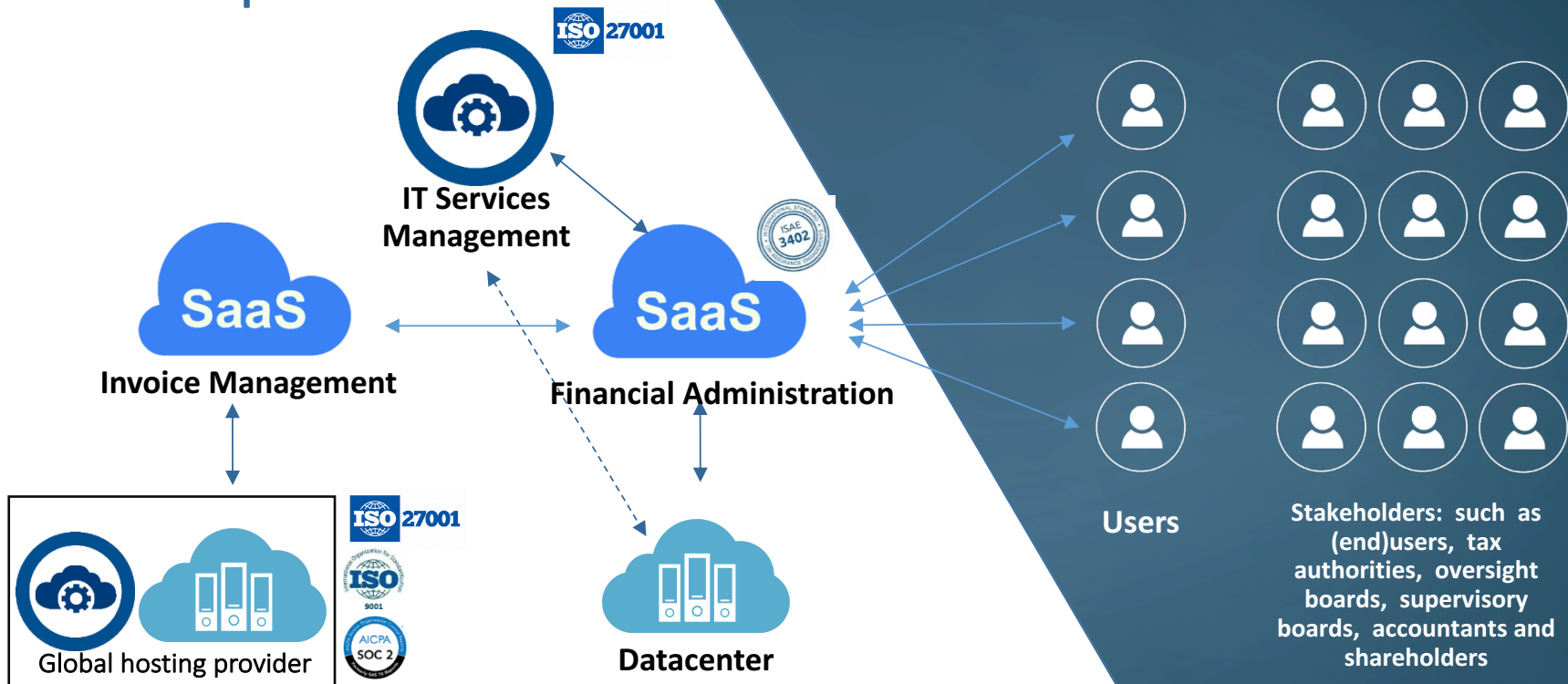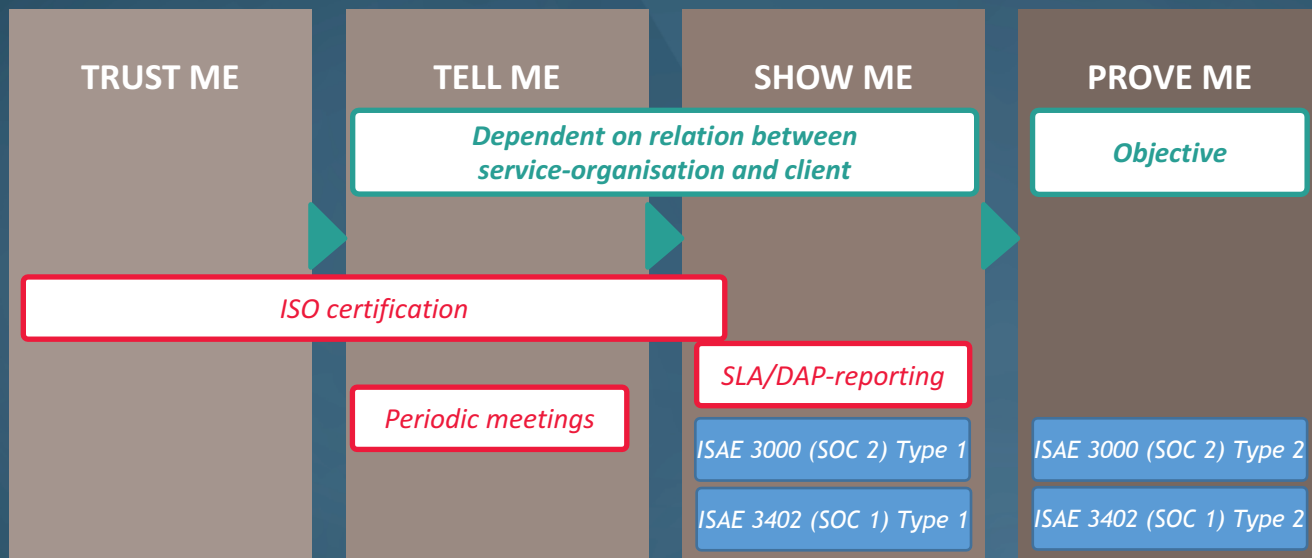Reusable and standardized audit reports

DPA Endorsement

International Level playing field

Certification and assurance: an example

Certification versus assurance reports

TRUST ME	TELL ME	SHOW ME	PROVE ME

Dependent on relation between service-organisation and client

Objective

ISO certification

Periodic meetings

SLA/DAP-reporting

ISAE 3000 (SOC 2) Type 1

ISAE 3402 (SOC 1) Type 1

ISAE 3000 (SOC 2) Type 2

ISAE 3402 (SOC 1) Type 2

ISAE 3000: SOC 2 implementation

Security: 28 criteria (= baseline)

Confidentiality: 6 additional criteria

CONTROLS ❓

Availability: 3 additional criteria
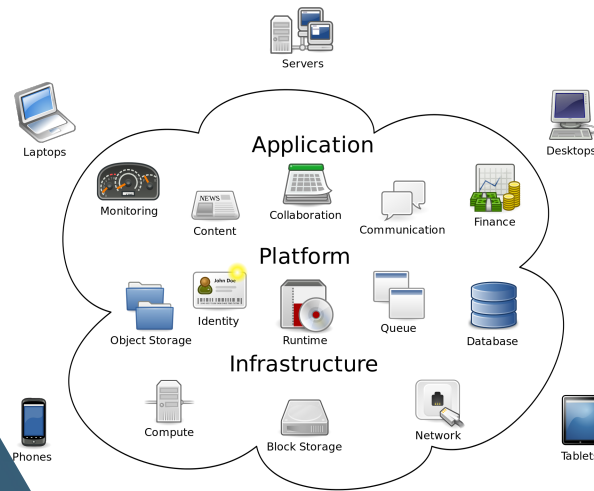
Processing integrity: 6 additional criteria

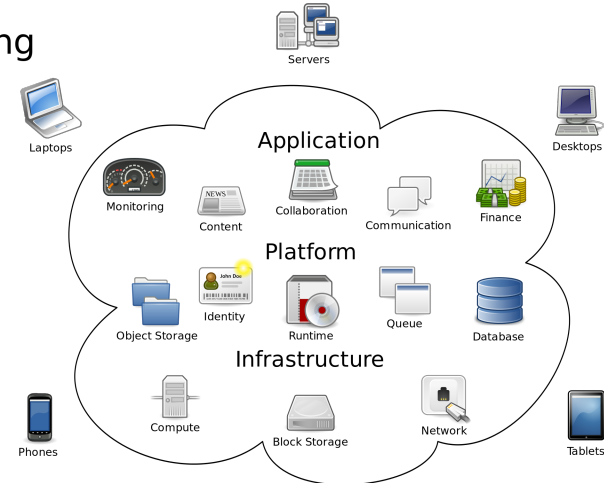Privacy: 6 additional criteria (USA)

Frameworks with mapping to SOC 2

Cloud Computing

Quality Requirements & desired Chain

Legal Requirements

Technical Infrastructure
- IT Organization
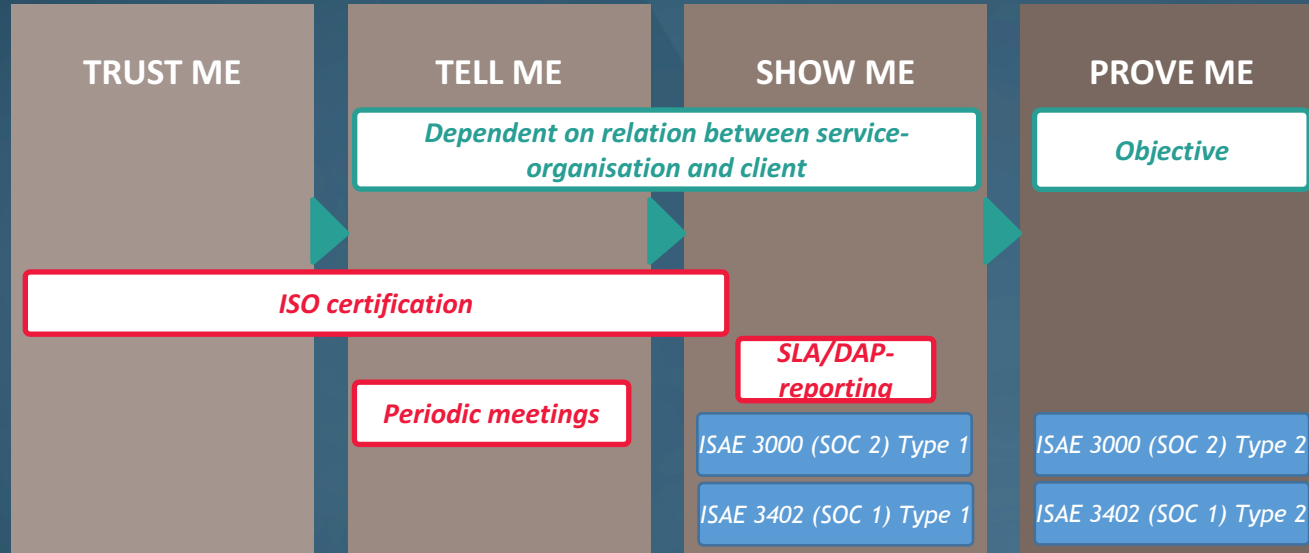- Security

Application Structure
- Generic
- Specific

End users

SaaS

SaaS **SaaS**

PaaS

IaaS

Certification versus assurance reports

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ISAE 3402 (SOC 1) Type 2

Community

Supervisory board

- Adopt of the framework

Stichting Zeker-Online

- Grantor of the certification

Participant Council

- Advise

Workgroup Auditors

Standard Setting Cie

Summary

- Initiative of innovative players
- Pro-active in the new data-economy
- Market demand for 'trusted' online services
- Data protection, privacy
- Cooperation between government and industry
- Demand for independent 'assurance' providing
- SAAS- PAAS – IAAS - …… Chain security !!

Trusted Cloud Label

Trusted Cloud

| Cloud provider applies | External auditor examines the application | Advisory Board makes decision on application | Label is awarded, service is listed |

Stakeholders:

bitkom

bvmw Bundesverband IT-Mittelstand e.V.

VOICE CIO Bundesverband der IT-Anwender e.V.

EuroCloud DEUTSCHLAND | eco

Bundesministerium für Wirtschaft und Energie

Aims of co-operation

Harmonization of the existing labels

- Common criteria
- Criteria for special target groups
- Processes to apply for a label
- Identify best practices

All labels ensure:

Increasing confidence in cloud computing (security aspect)
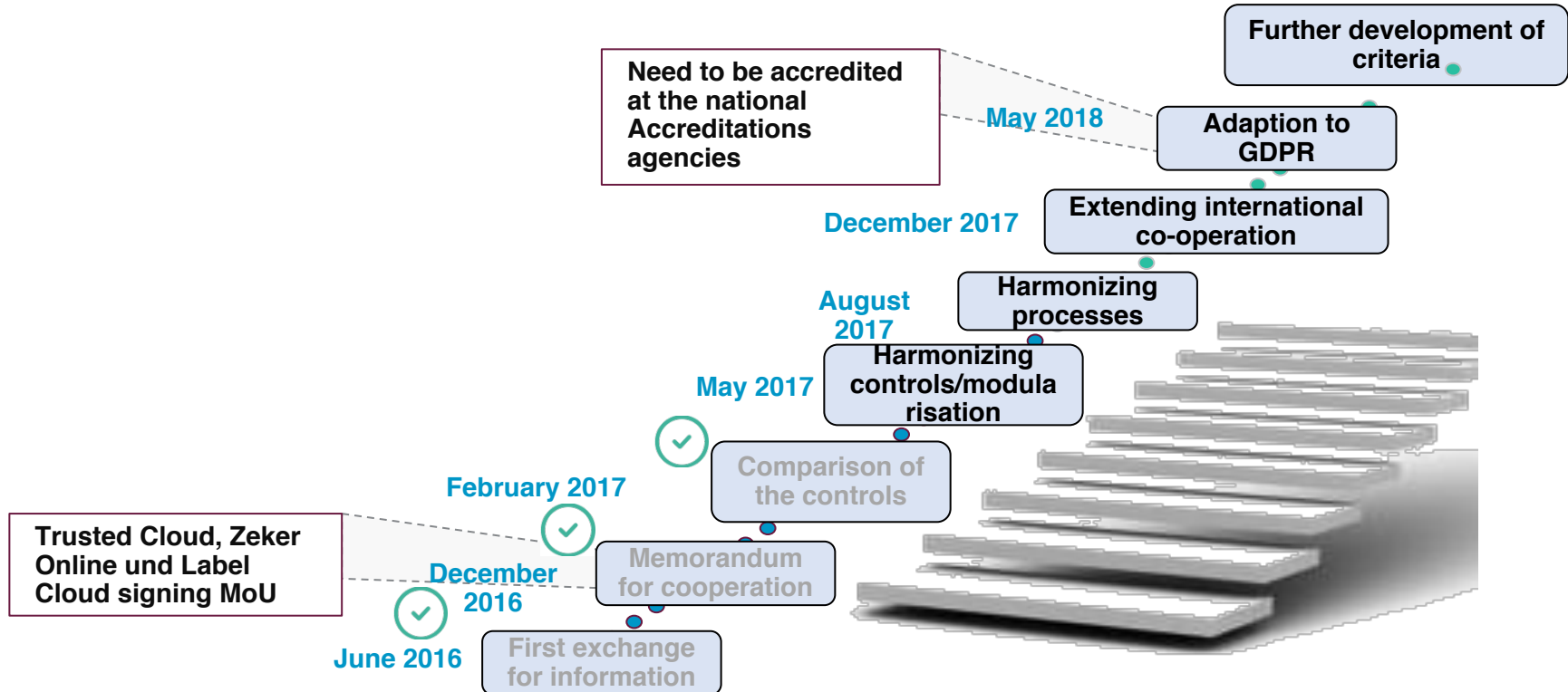
Helping to **minimize** the **risk of exploitation**.

Building up **transparency** about cloud computing and cloud service

Professionalisation of cloud services (security, services etc.)

GDPR

- Article 42/43 - Certification
- ...establishment of data protection **certification mechanisms** and of **data protection seals** and marks, for the purpose of demonstrating compliance with this Regulation of processing operations by controllers and processors.
- The specific needs of **micro, small and medium-sized enterprises** shall be taken into account.

Roadmap

Further development of criteria

May 2018
Adaption to GDPR

Need to be accredited at the national Accreditations agencies

December 2017
Extending international co-operation

Harmonizing processes

August 2017
Harmonizing controls/modula risation

May 2017
Comparison of the controls

February 2017
Memorandum for cooperation

Trusted Cloud, Zeker Online und Label Cloud signing MoU

December 2016

June 2016
First exchange for information