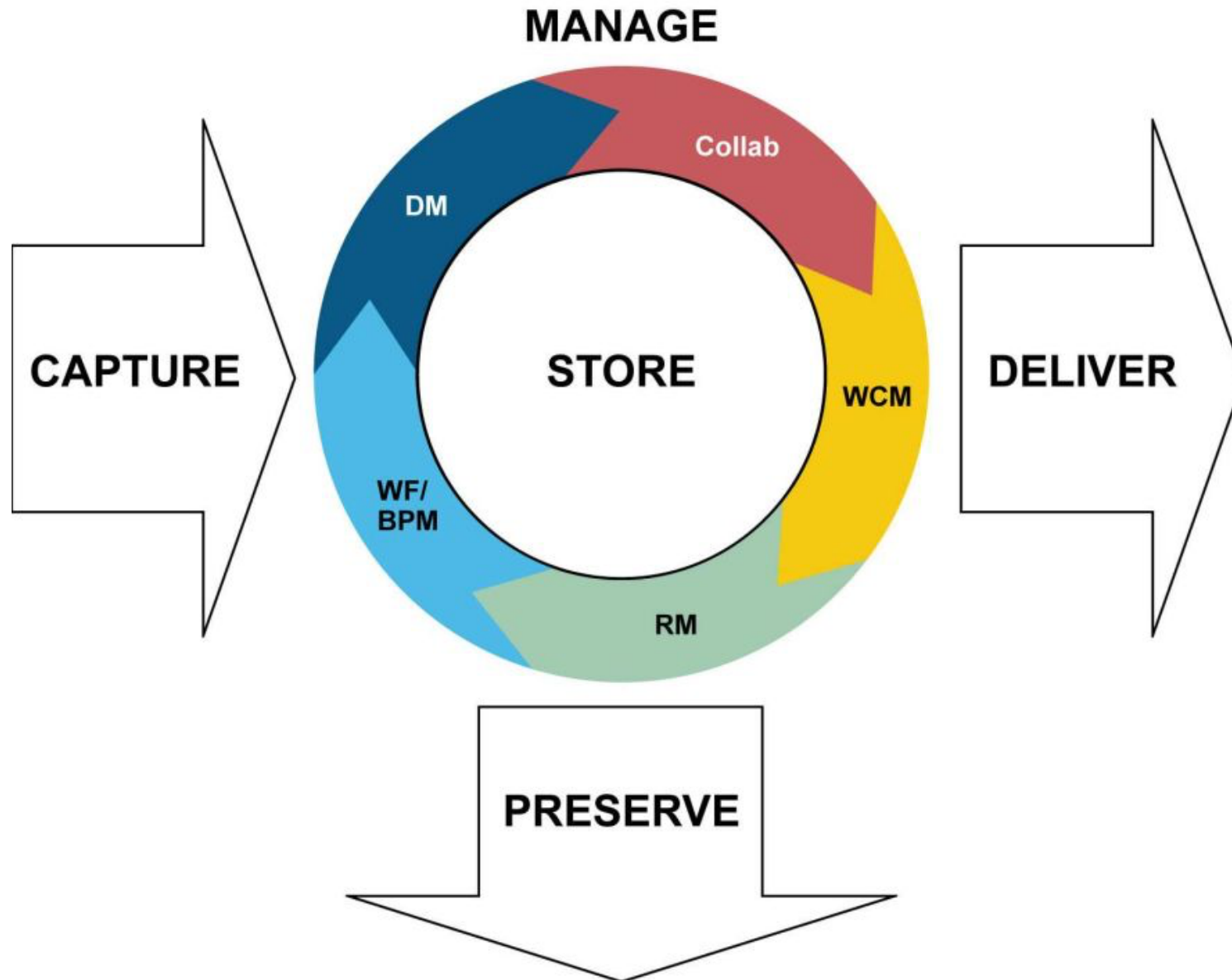


e-Infrastructures Austria

The Enterprise IT
DI Florin Guma

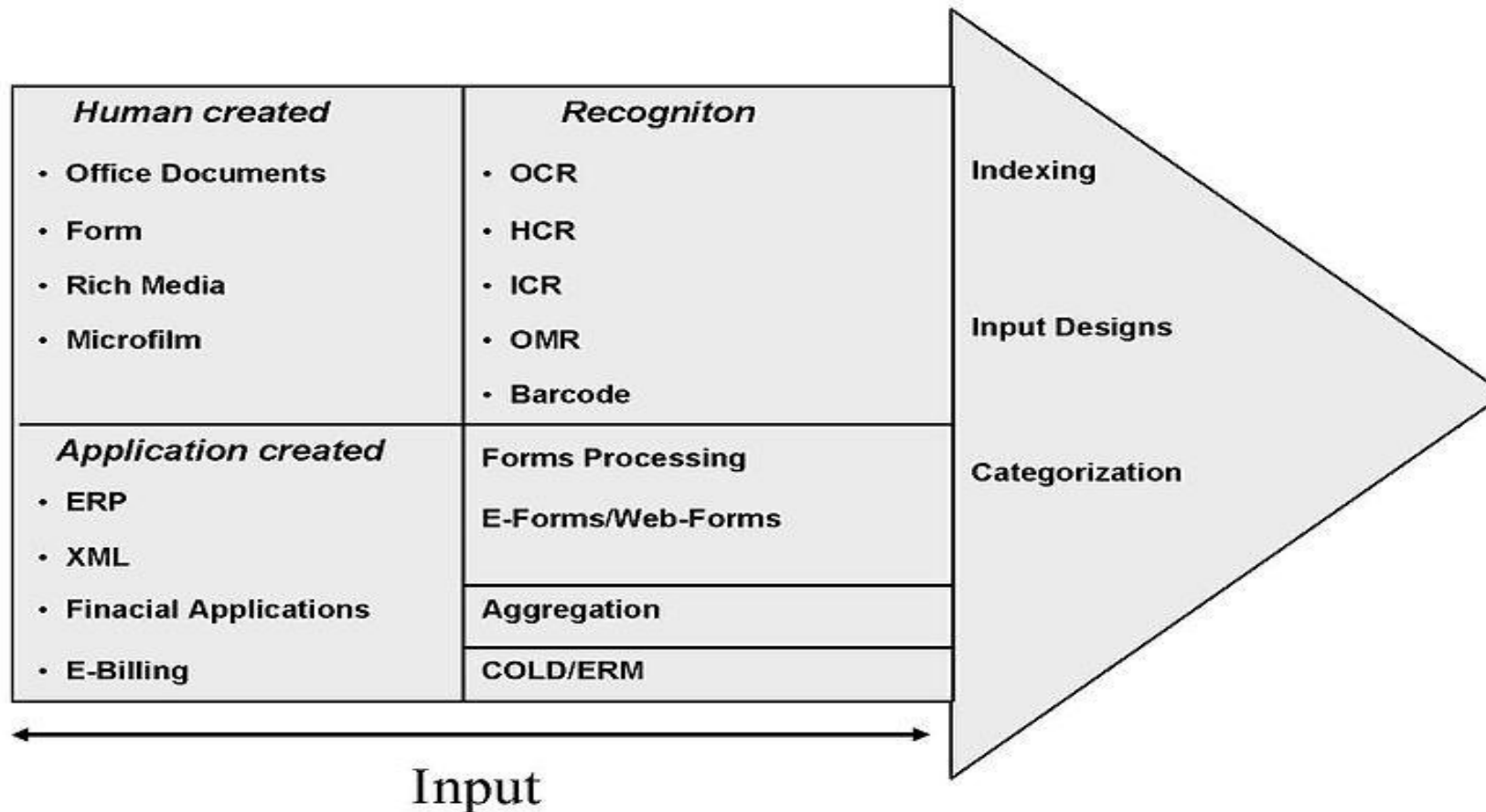
Fortbildungsseminar für Forschungsdaten und e-Infrastrukturen
Universität Wien, 6.-9. Juni 2016

The digital core

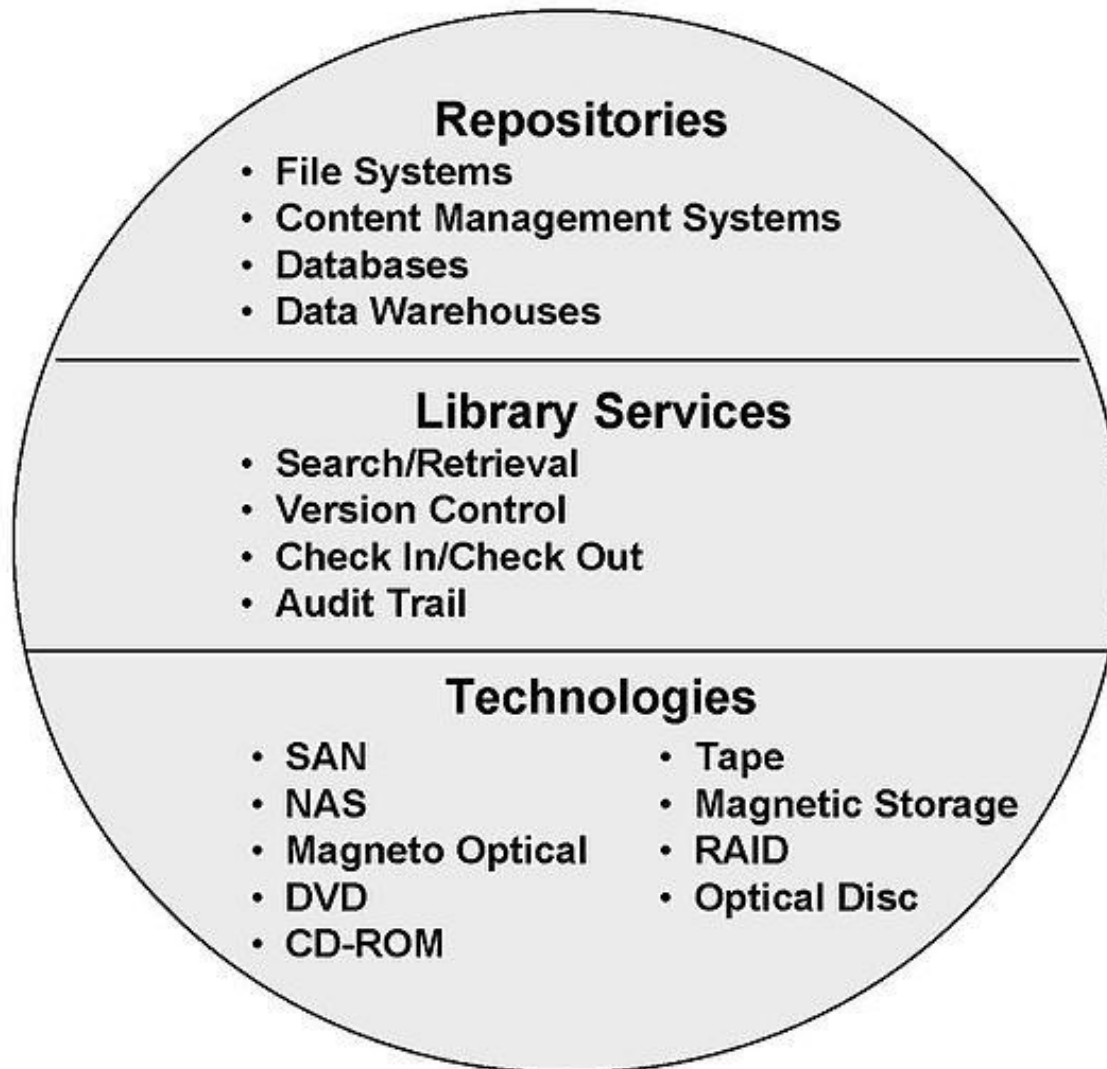


(Pre-)Ingest

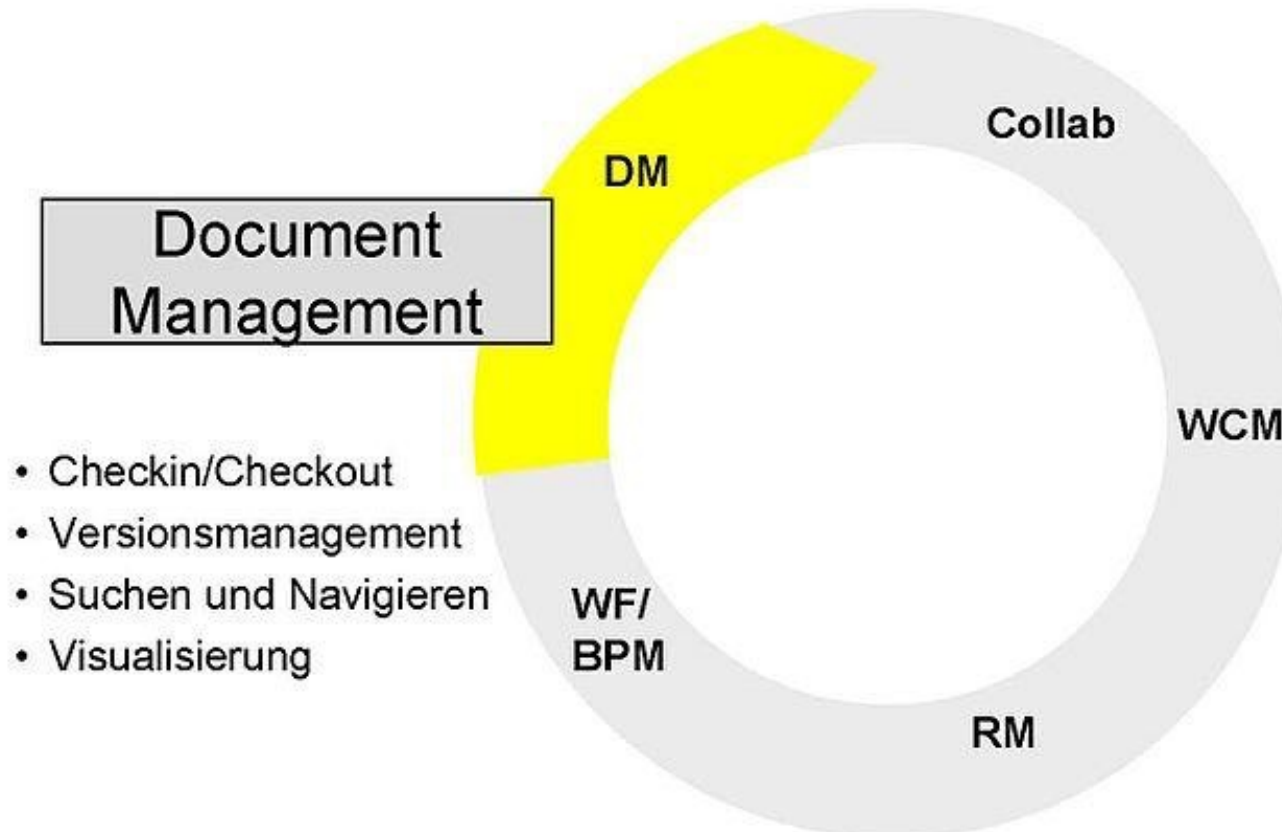
CAPTURE



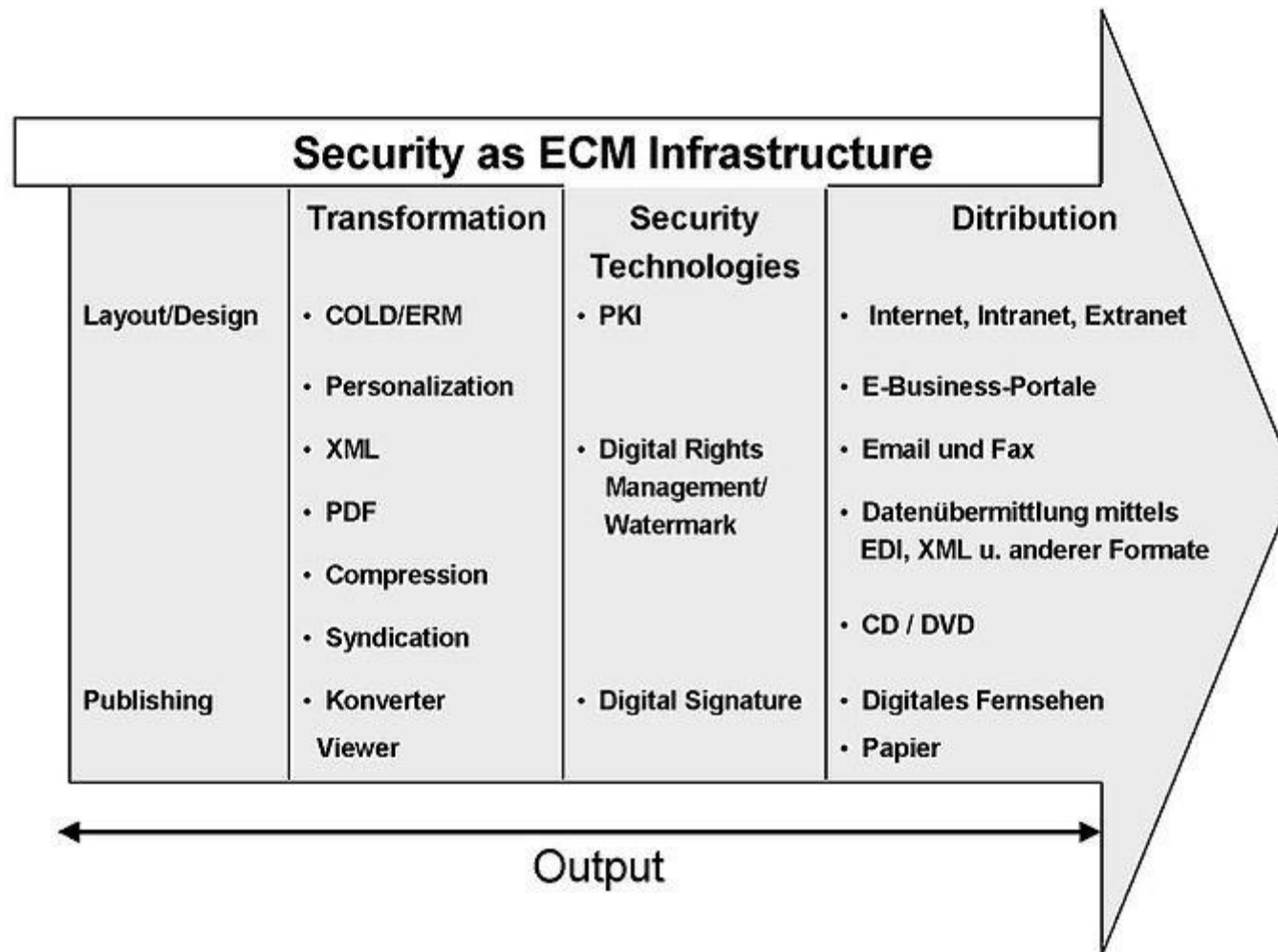
STORE



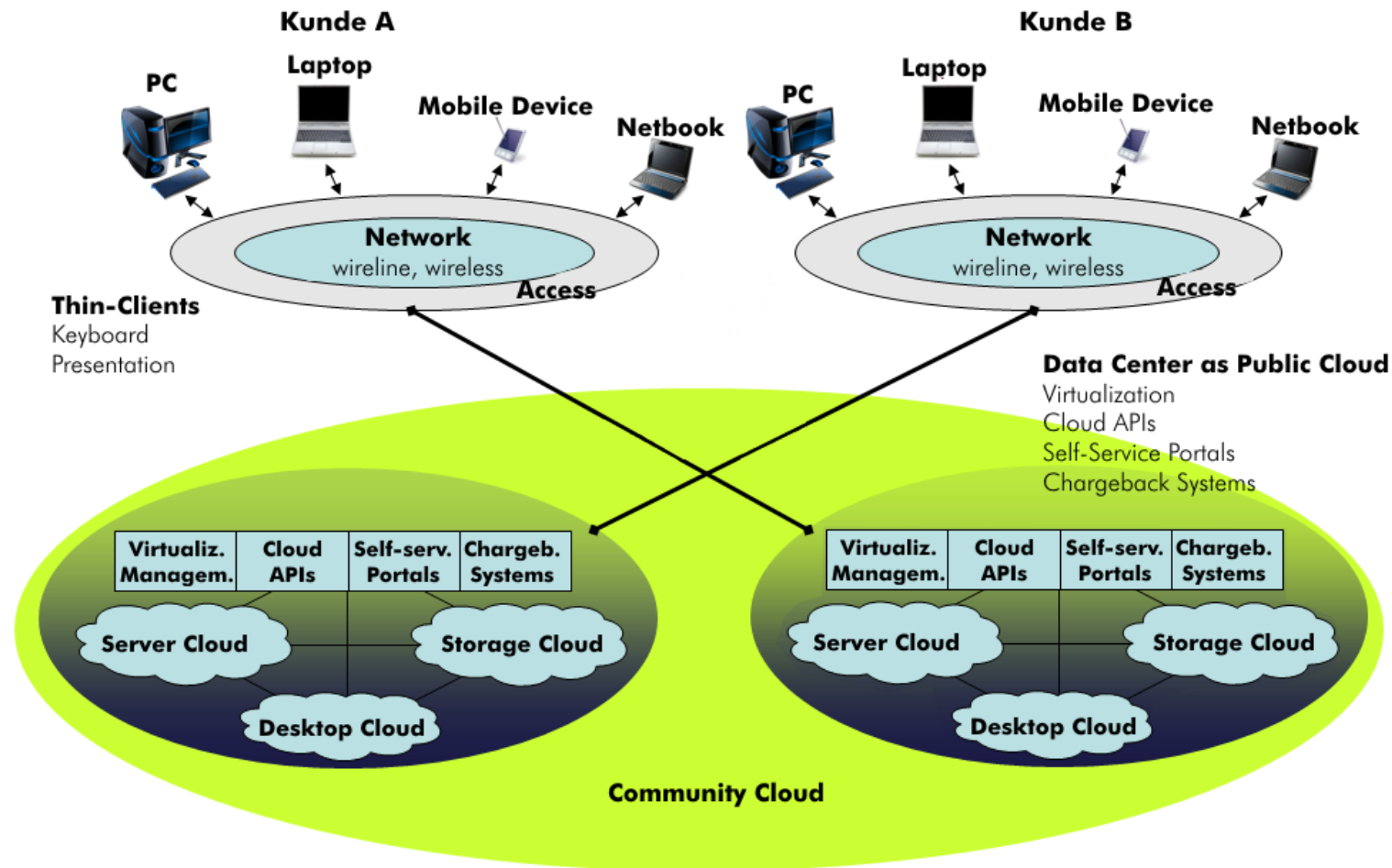
Document Management



DELIVER

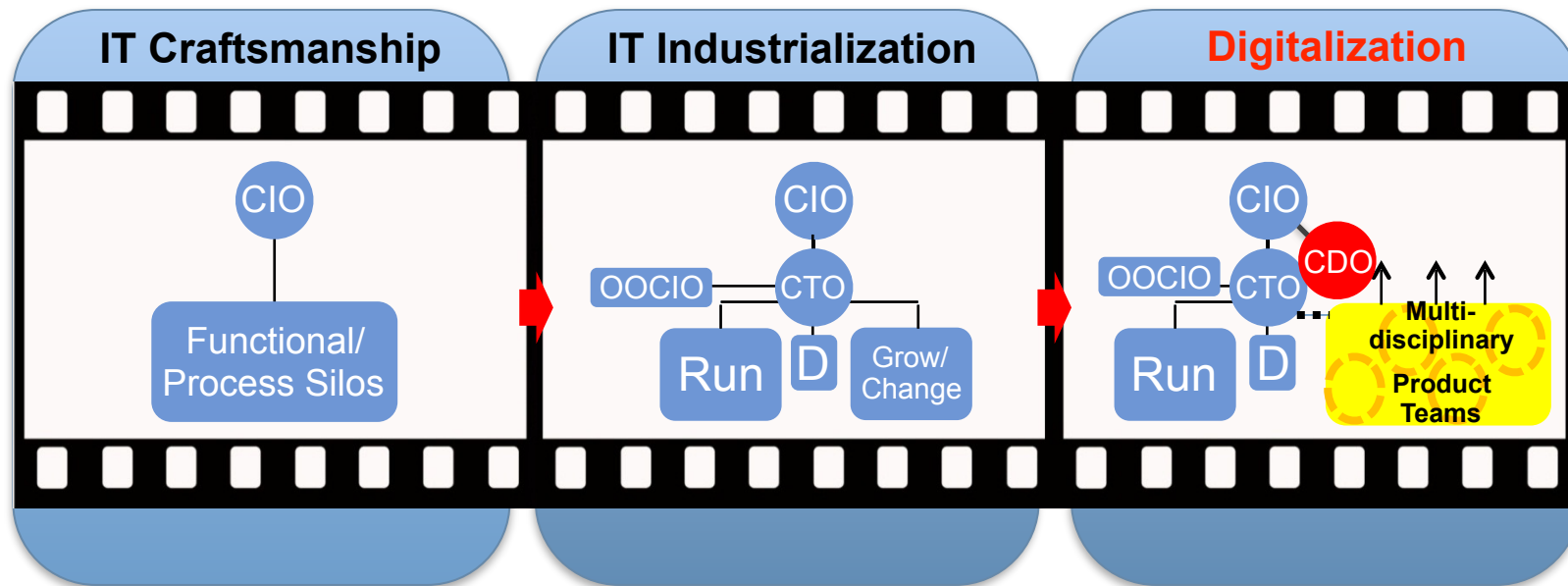


Die „akademische Wolke“



Grundlage: ACOnet, GEANT,...

IT-Organization



Chief technology officer, acting as chief operating officer of IT



Chief digital officer, acting as digital change agent (Team???)



Office of the CIO, running IT as a business (strategy, governance, security and risk, etc.)



Run = every aspect of IT needed to keep the business running



Grow/change = every aspect of IT needed to execute on growth and change



Demand management = internal demand/relationship/account managers facing off to BUs

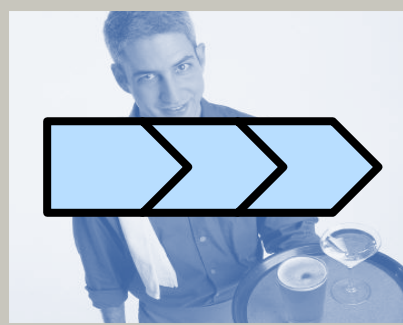
The enterprise IT

We are here

IT Craftsmanship



IT Industrialization



Digitalization



Focus

Technology

Processes

Business Models

Capabilities

Programming, system management

IT management, service management

Digital leadership

Engagement

Isolated, disengaged internally and externally

Treat colleagues as customers, unengaged with external customers

Treat colleagues as partners, engage external customers

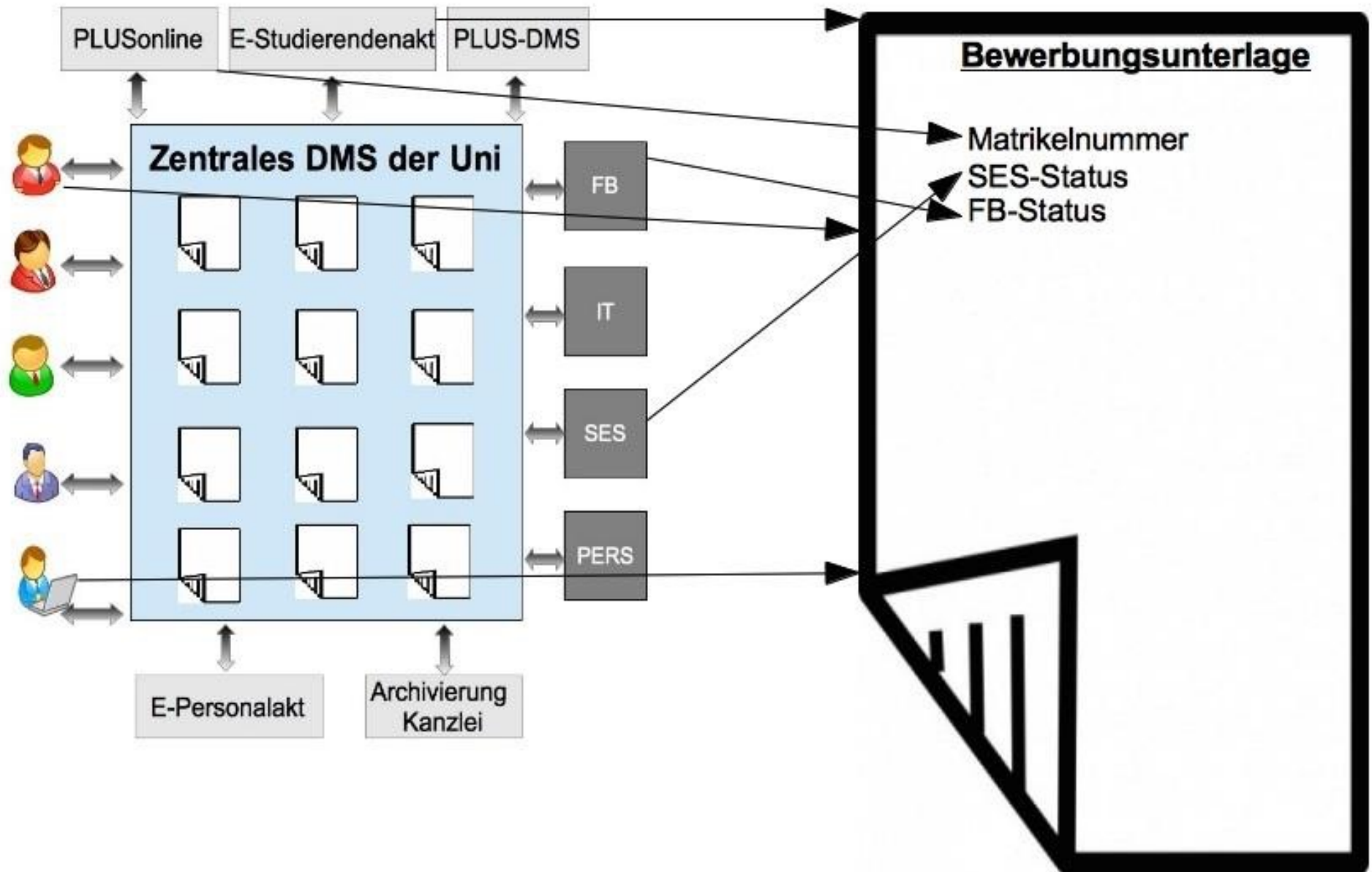
Outputs and Outcomes

Sporadic automation and innovation, frequent issues

Services and solutions, efficiency and effectiveness

Digital business innovation, new types of value

Verwaltungscontainer



Datenschutz- und Datensicherheitsstandards

- Daten gehören dem User/der Institution
- Rechtlicher Rahmen
- Berechtigungsstruktur

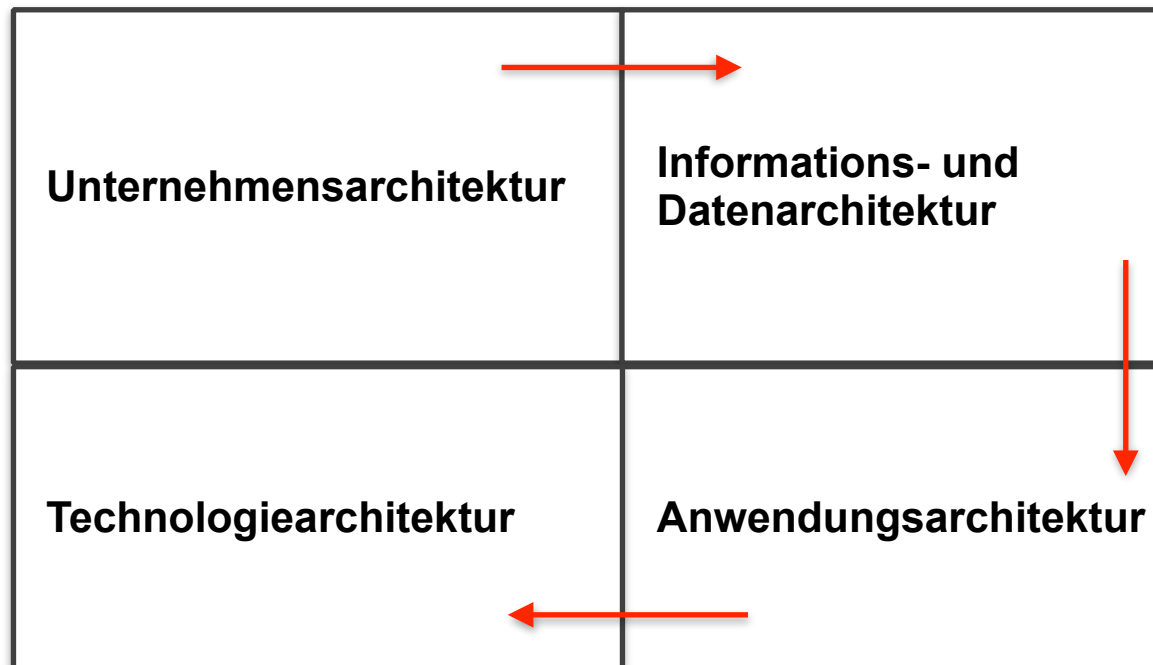
Datenrückgewinnung / Abhängigkeiten

- Integration der Informationssysteme (Formate, APIs..)
- Archivierung
- Mehrfachnutzung von DO

Verlust der Kontrolle über Daten und Prozesse

- SAS70 Type II, ISO 27001
- Redundanzen, Verfügbarkeit,...

Zusammenfassung



Vielen DANK !