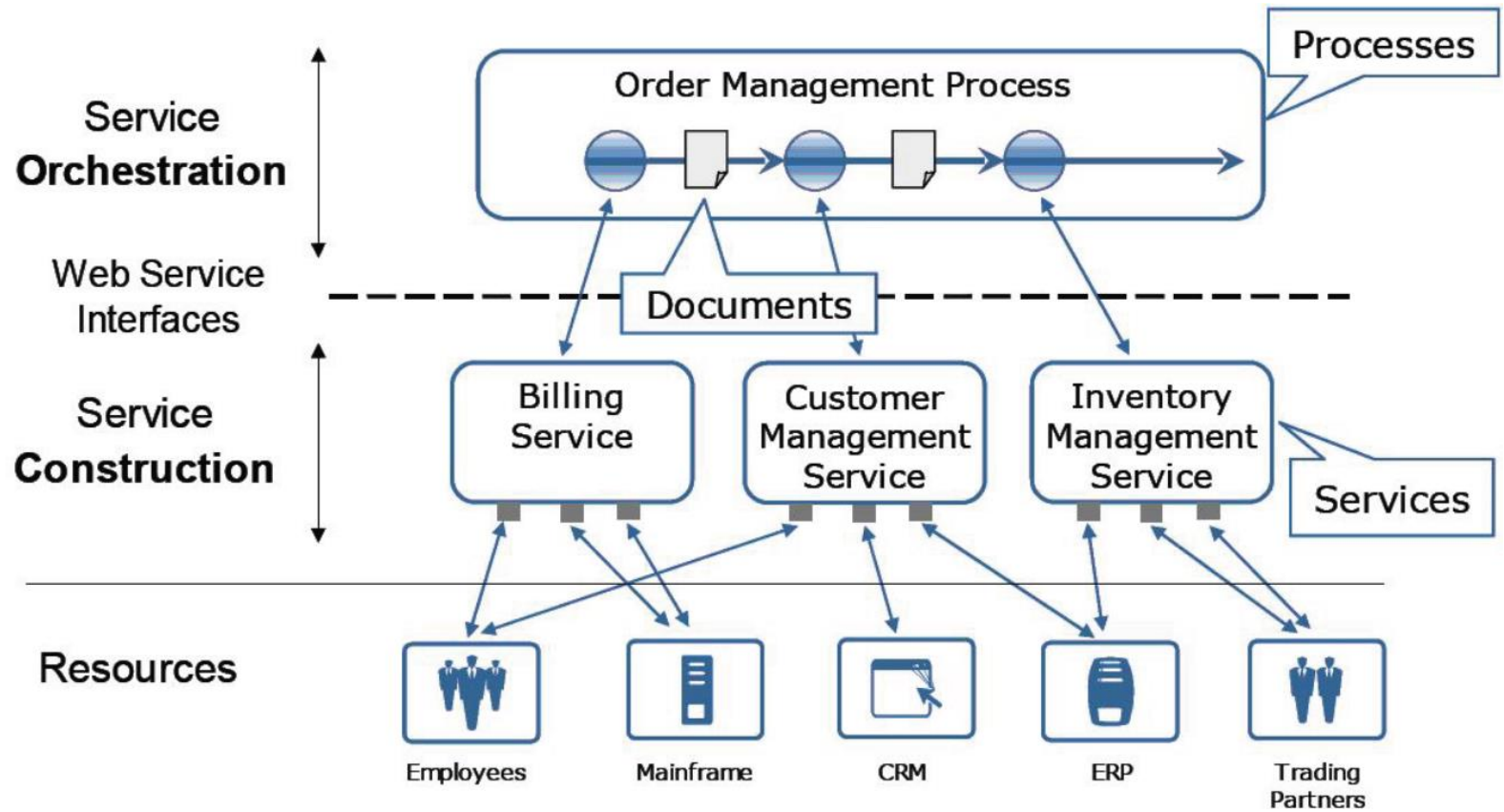


Service oriented architecture

Service oriented architecture

- What is service oriented architecture?
- Groups of 2-3, some minutes to discuss and prepare for presenting

SOA concept



Benefits and challenges

- What are the potential benefits of service oriented architecture?
- Groups of 2-3, some minutes to discuss and prepare for presenting

SOA and platforms

- Is service oriented architecture and platform ecosystems the same?
 - If yes, why and how?
 - If no, what are the differences?
- Groups of 2-3, some minutes to discuss and prepare for presenting

ECONOMIC PERSPEKTIV (Parker, van Alstyne, Choudary



Plattform

“A business platform is a nexus of rules and infrastructure that facilitate interactions among network users. A platform may also be viewed as a published standard, together with a governance model, that facilitates third party participation”.

Økosystem

Two or n-sided markets grow by network effects, not on traditional economies of scale.

TEKNISK PERSPEKTIV

Tiwana 2013.



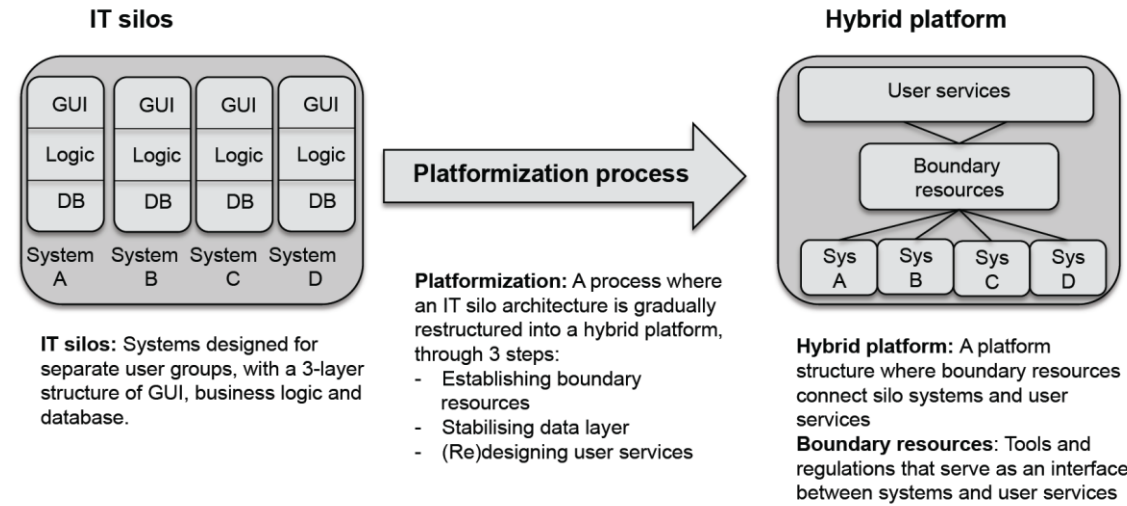
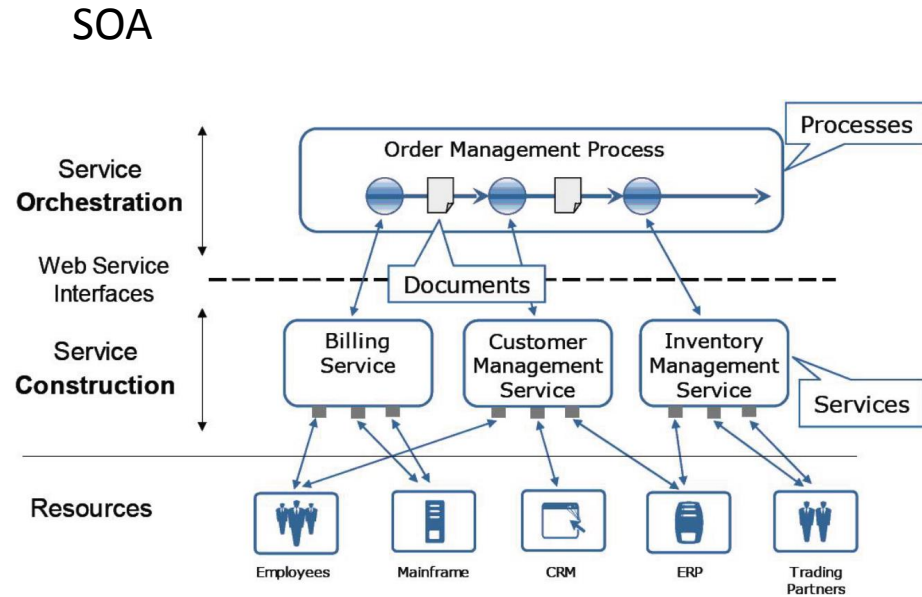
Plattform

“A platform is the extensible codebase of a software-based system that provides core functionality shared by apps that interoperate with it.”

Økosystem

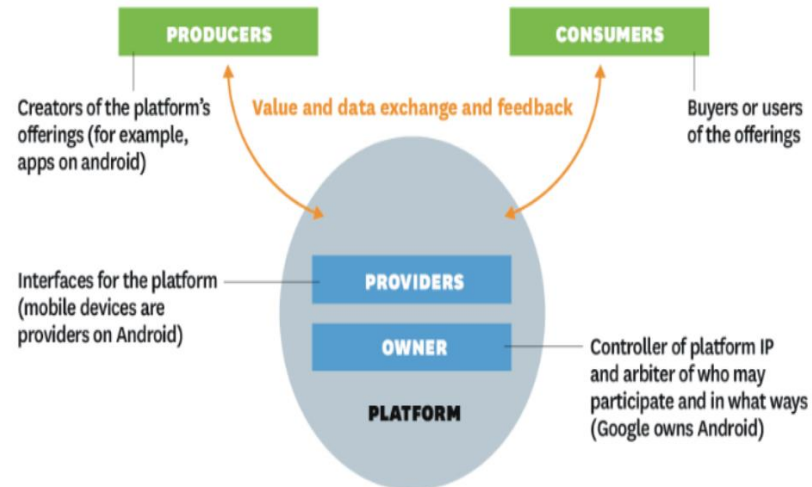
A digital ecosystem consists of the collection of platform and the apps specific to it.

SOA and platform ecosystems

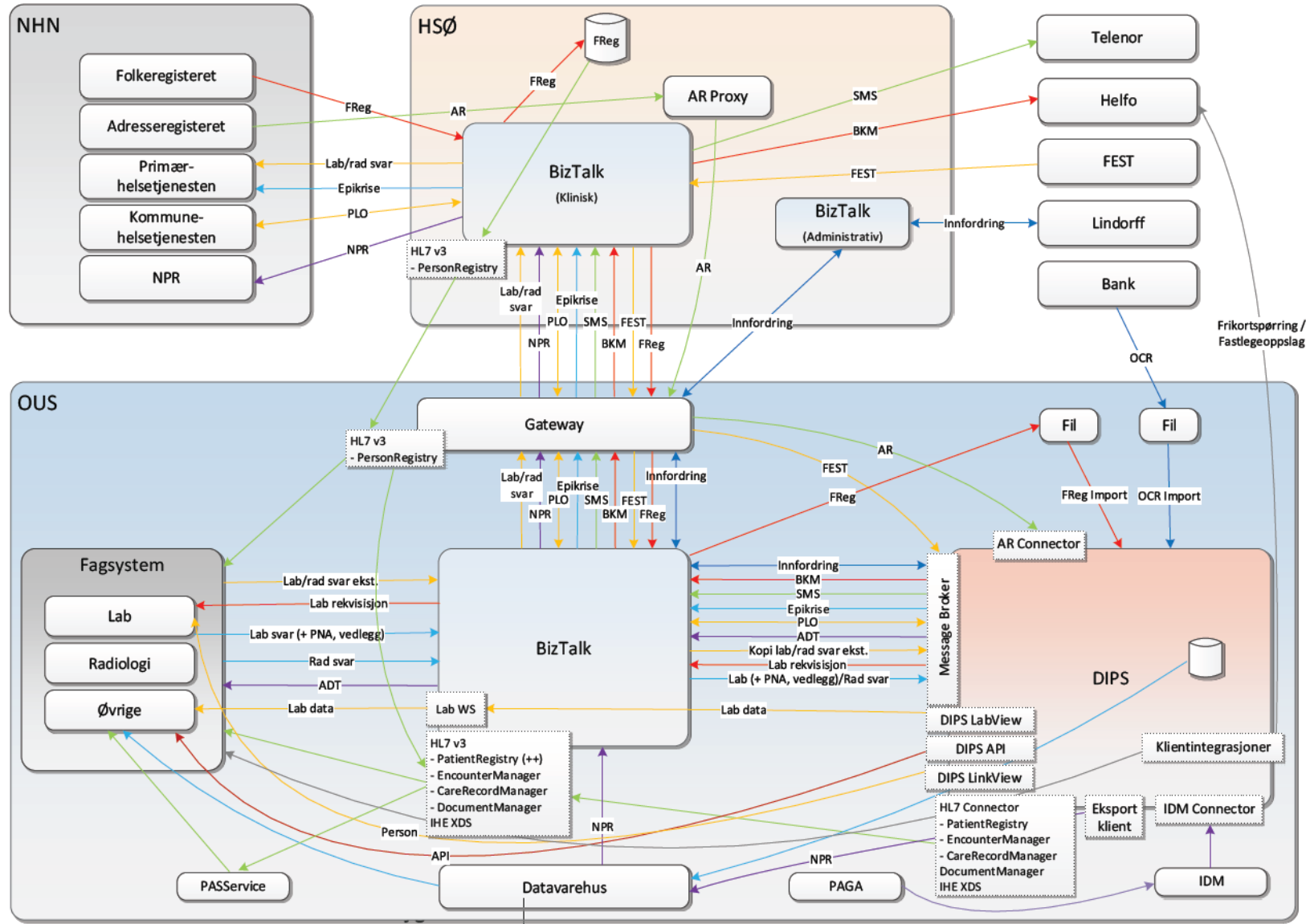


The Players in a Platform Ecosystem

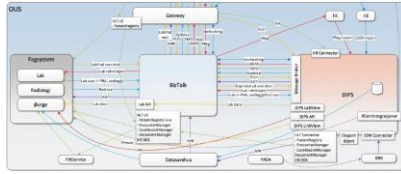
A platform provides the infrastructure and rules for a marketplace that brings together producers and consumers. The players in the ecosystem fill four main roles but may shift rapidly from one role to another. Understanding the relationships both within and outside the ecosystem is central to platform strategy.



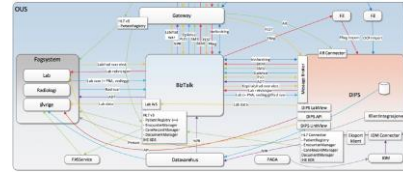
Integrated silo architecture



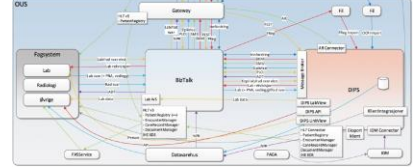
Hospital A



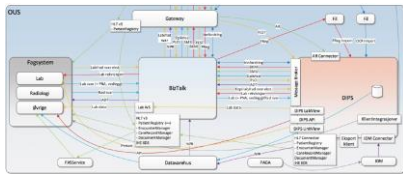
Hospital E



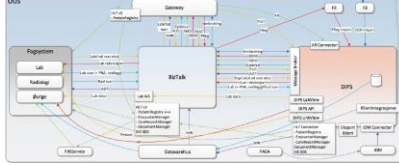
Hospital I



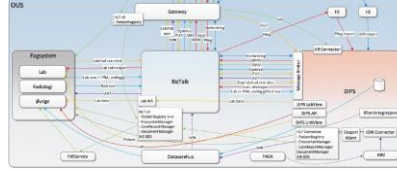
Hospital B



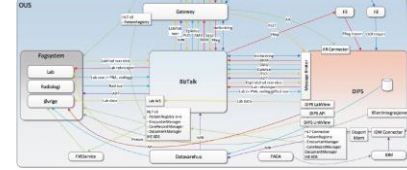
Hospital D



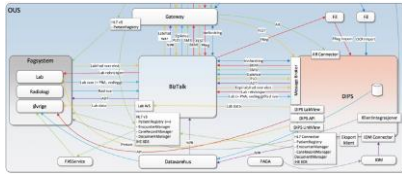
Hospital G



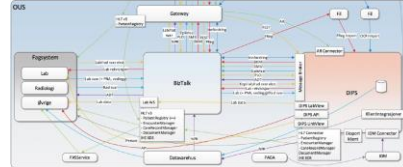
Hospital J



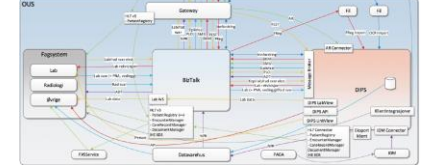
Hospital C



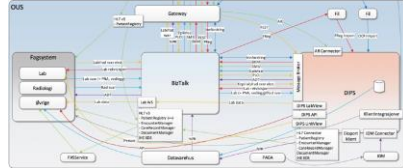
Hospital H



Hospital K



Hospital F



Transformation into a SOA

- What to look after if you are going to start implementing SOA in an organization where there is silo architecture?
- Groups of 2-3, some minutes to discuss and prepare for presenting

SOA concept

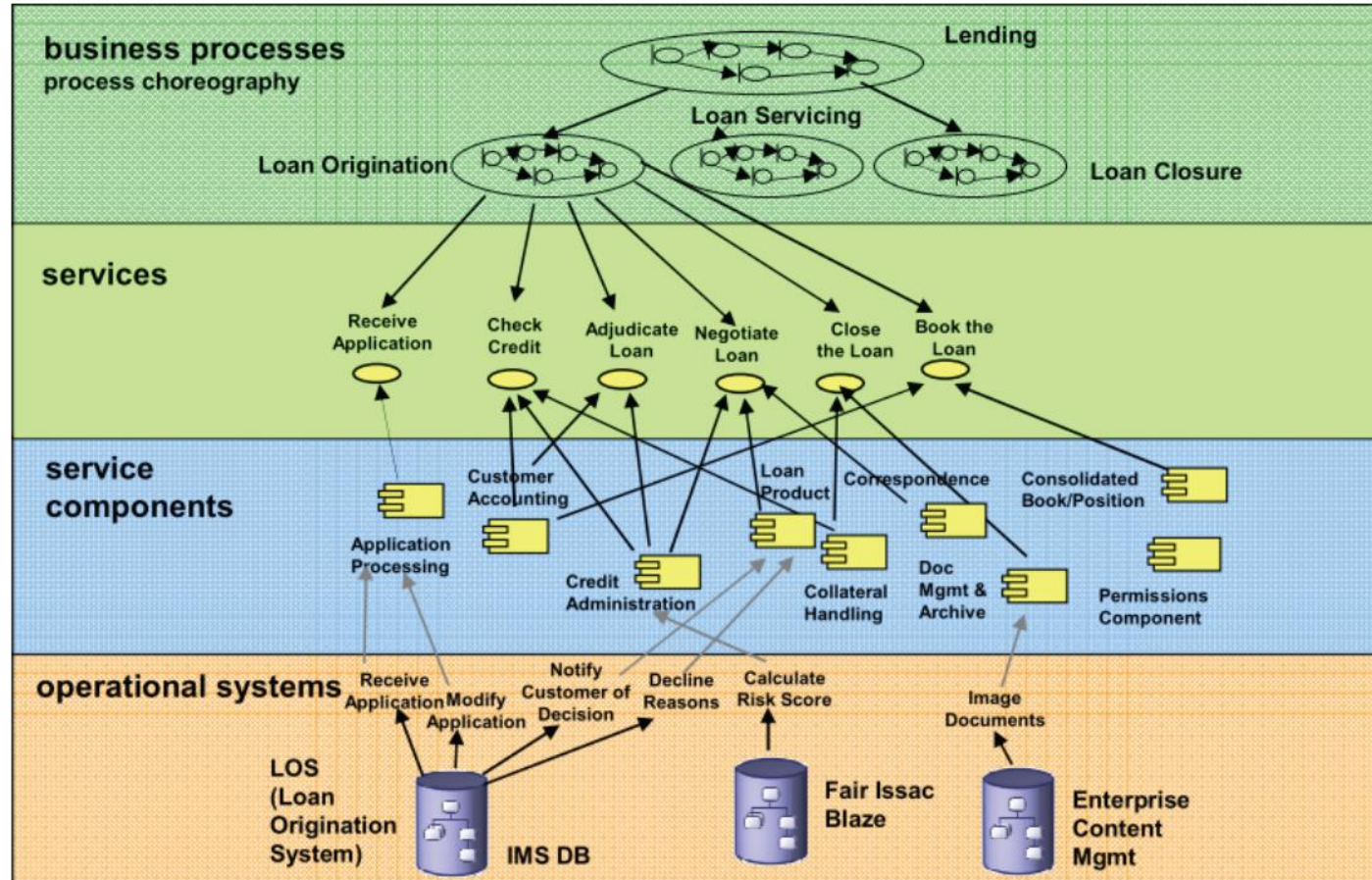


Figure:
<http://abdenmour-insat.blogspot.no/2012/04/soa-tutorial.html>