From UseCases to Specifications

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Why Identity Related Services ?

- Basic: Performed without regard to who's doing the asking or using the results
- Identity-enabled: Offers personalization when given access to identity details
- Identity-enabling: Exposes identity details to other services

Why Choosing Liberty ?

- Fit your requirements:
  Free & Open standard, Privacy, Security, Interoperability
- An industrial reality:
  Certified products, Already proven in production
- You're not in a position of choosing:
  Costumer chooses for you !!!

Kravspesifikasjon for PKI i offentlig sektor Versjon 1.02 , Januar 2005	***Requirements Spec. for PKI in Public Sector*** *Version 1.02 , January 2005*
Krav 10.5.1 Autentisering	***Requirement 10.5.1 Autentication***
Det skal tilbys en "Identity Provider" i henhold til Liberty Alliance spesifikasjoner. Løsningen skal beskrives. Det skal angis hvilke versjoner og overordnede funksjoner som støttes.	*It shall be offered an "Identity Provider" according to Liberty Alliance specifications. The solution shalll be described. It shall be indicated which versions and which high level functions are supported.*

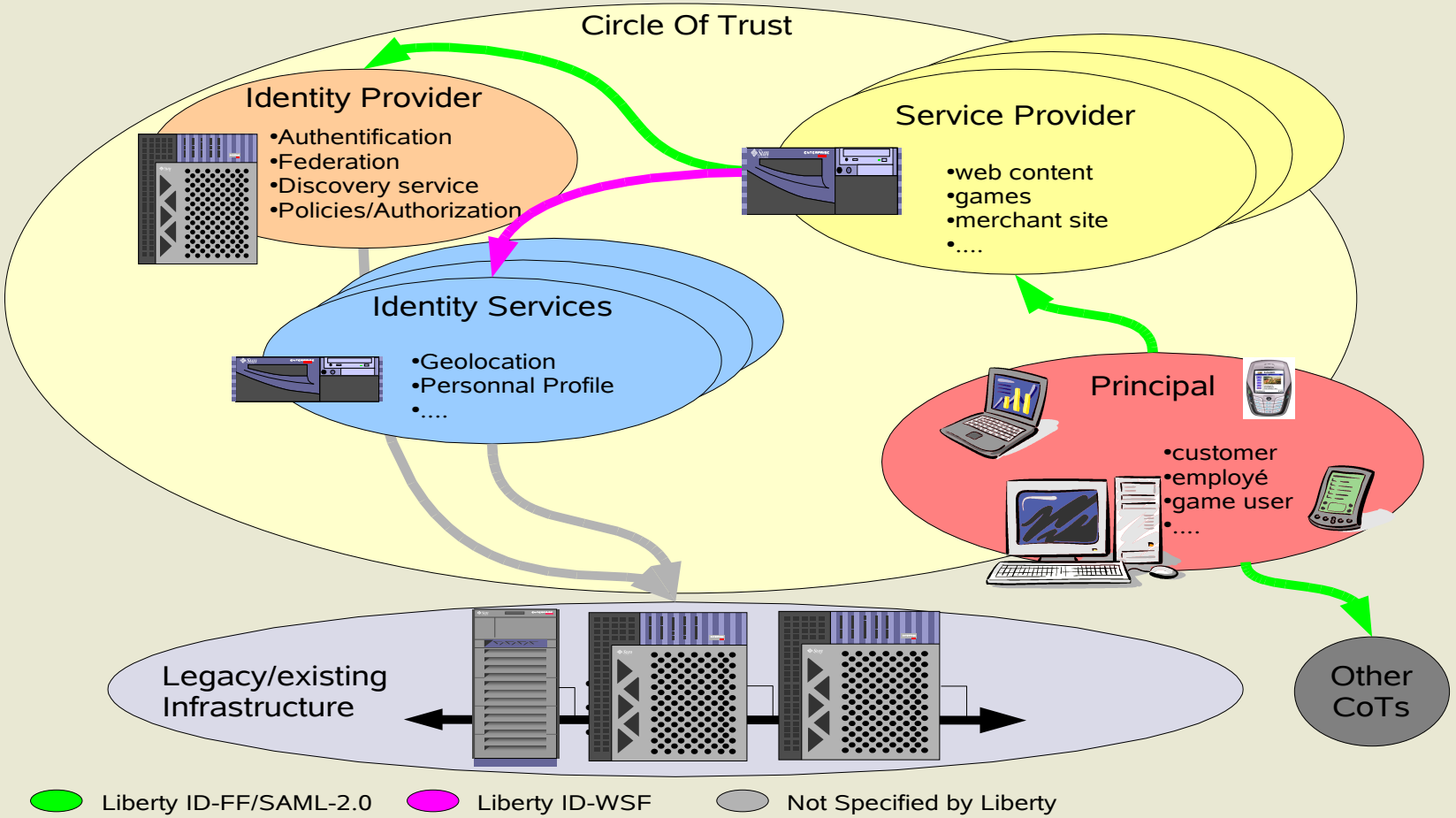
What's About Federation

- Federation of providers (CoT), a group of entities providing services who signed agreement, in order to make life of shared customers/users *(Principal)* more simple.
  - *accept Principal identity authentication to be done once per session (SSO) and by a shared authority (IDP)*
  - *Accept to provide service knowing only an "avatar" of principal identity (Opaque Handle/Federation Key). This non significant pointer on principal identity allowing service provider (SP) to know that "it is him" without knowing "who he is".*
- Federation: a weak link that allow to map a principal avatar identity used by a service provider to the effective principal identity know only from the authority of authentication (IDP).
- Federated Identity: The data/attributes at the service provider attached to a principal identity avatar.

Liberty is not a concept but an existing Today Technology Reality

- SOA (Service Oriented Architecture) Framework
  - Identity Provider (IDP) Circle of Trust (CoT)
  - Services provider /consumer (SP – WSP/WSC)
  - Discovery (DS), Invocation (DST)
  - Terminology
- Set of specifications
  - Network protocols
  - Messages syntaxes
- Certification process

Global Liberty Architecture

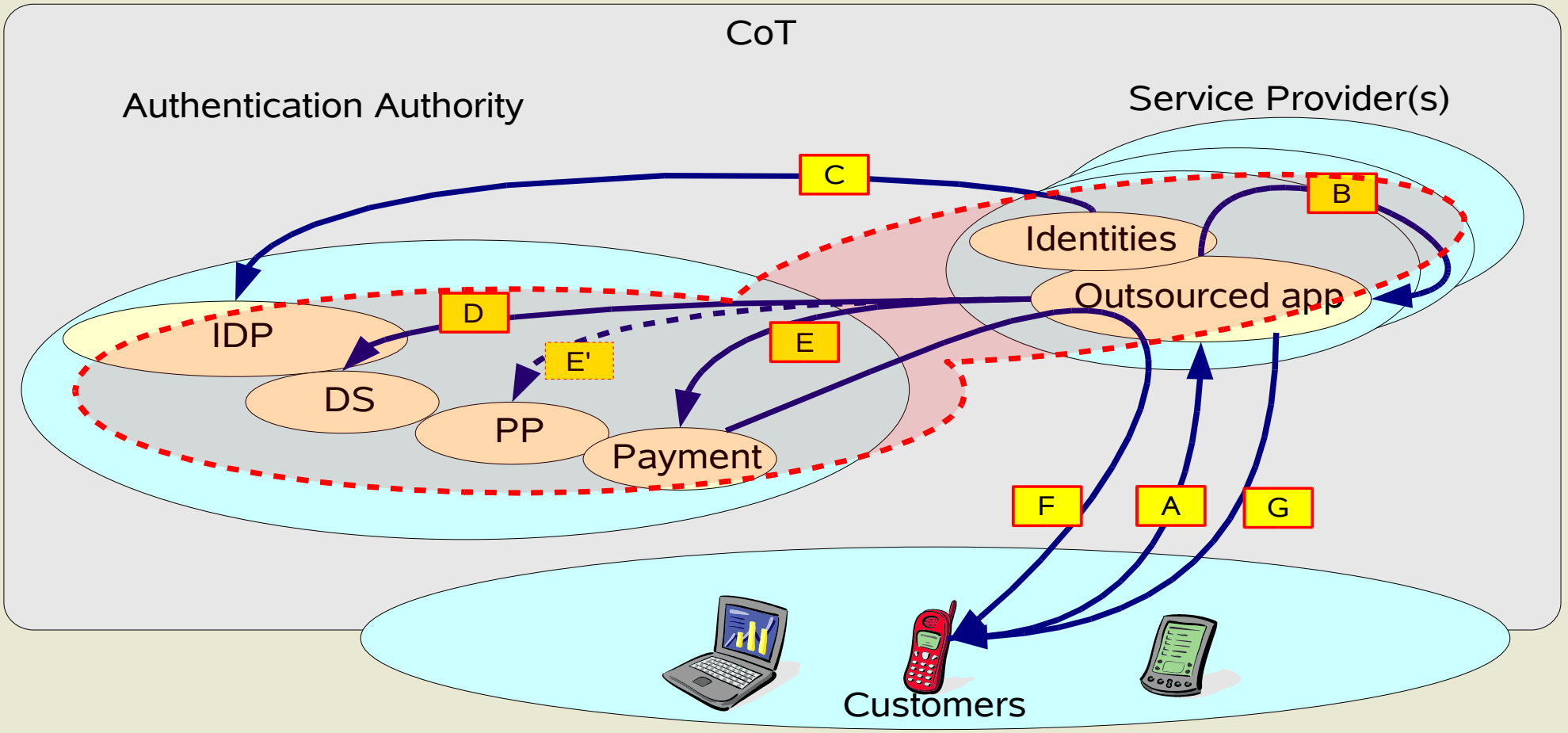


Liberty Standard and the others

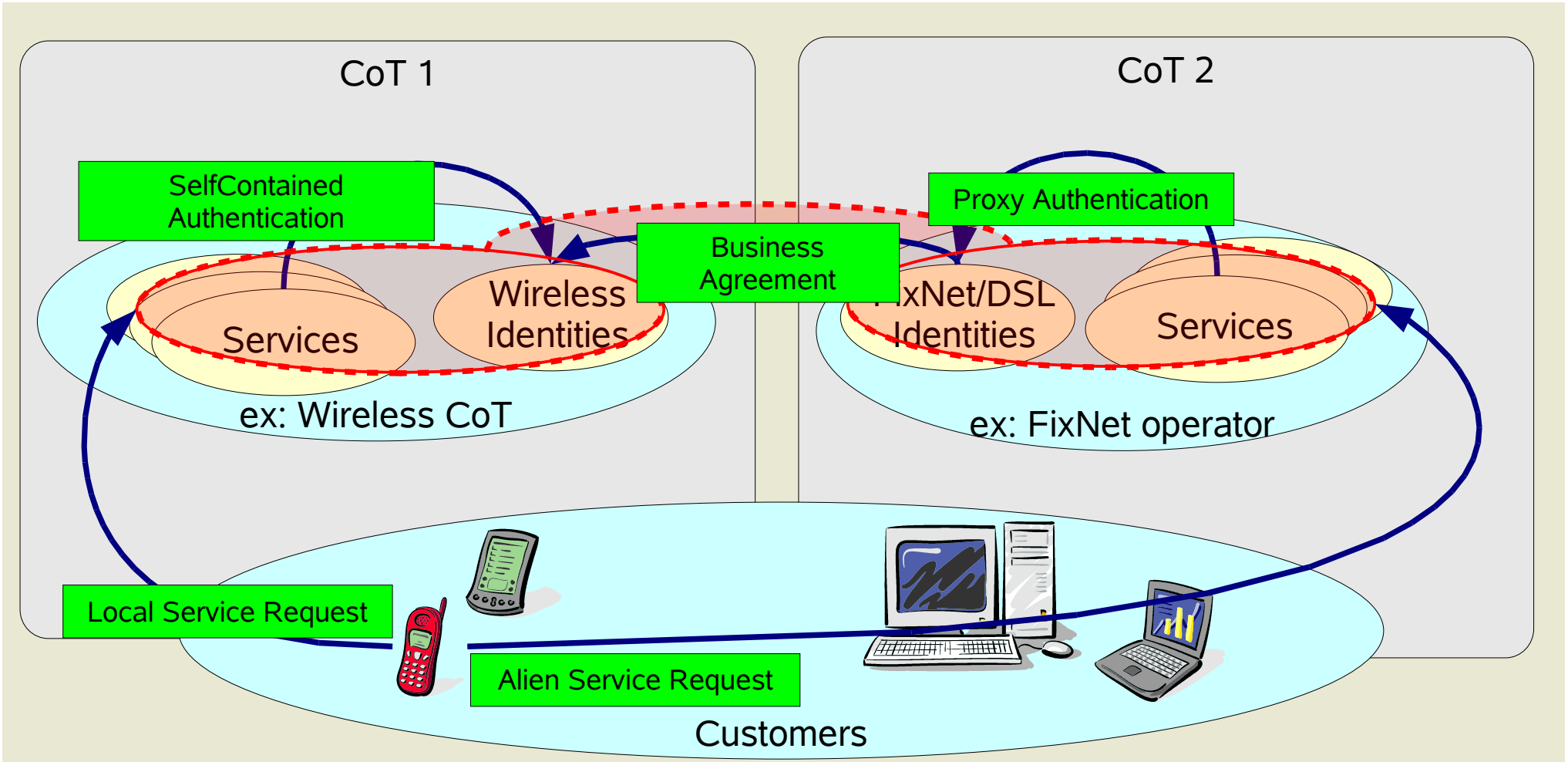
Liberty Technical Framework

- ID-FF (Identity Federation Framework)
  - Federation/Defederation
  - SSO *(single & simplified Sign On)* / SLO *(single logout)*
  - Authentication context & Attributes
  - Metadata
- ID-WSF (Identity Web Service Framework)
  - Authentication Service
  - Discovery Service
  - DST (Data Service Template)
  - Interaction Service
- ID-SIS (Identity Service Interface)
  - Personal profile, Geoloc, Presence, Contact Book, ...

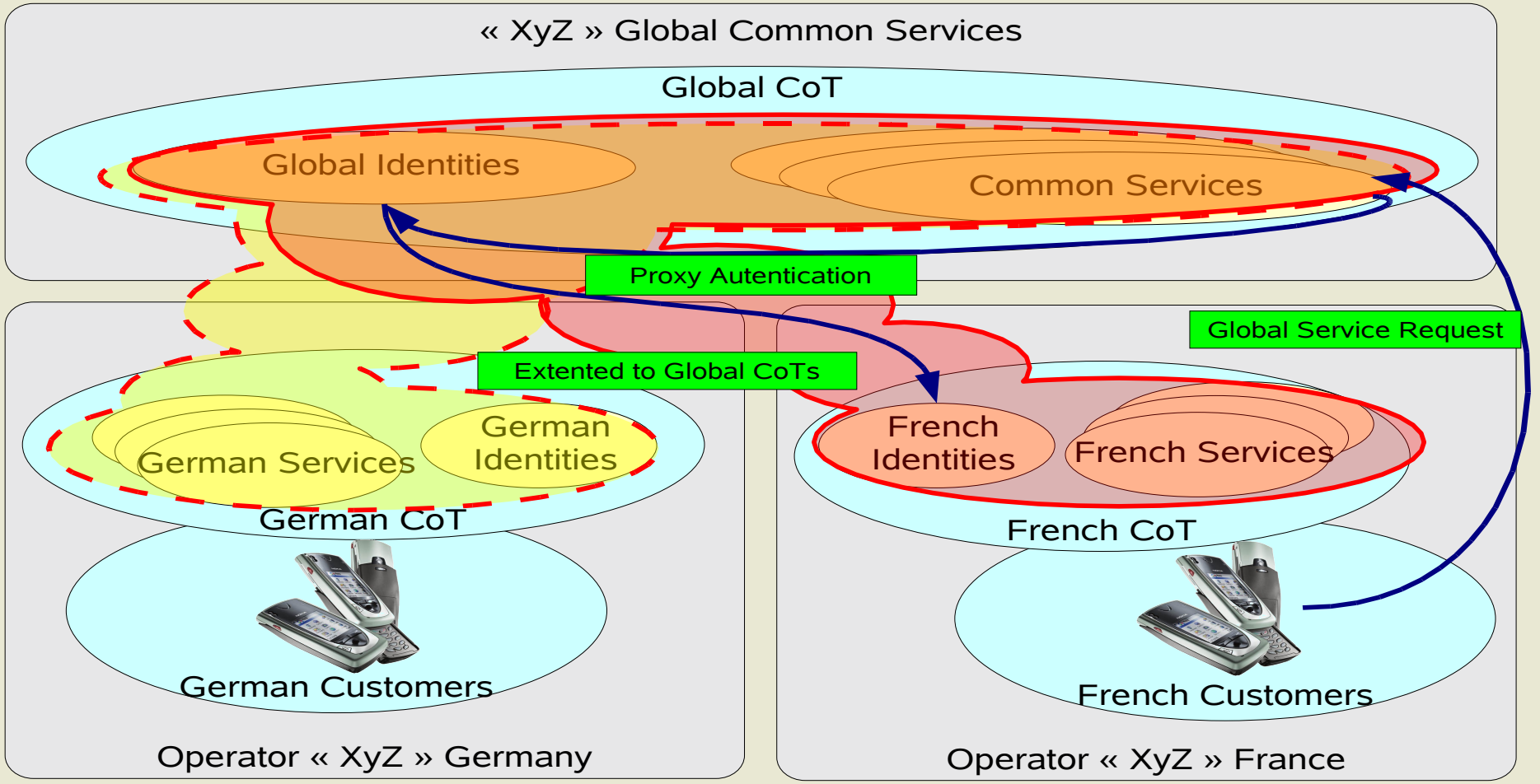
Basic CoT *(outsourcing of services)*



CoT/CoT *(proxy authentication)*



Shared CoT *(global shared Services)*



LIBERTY ALLIANCE PROJECT

The End

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