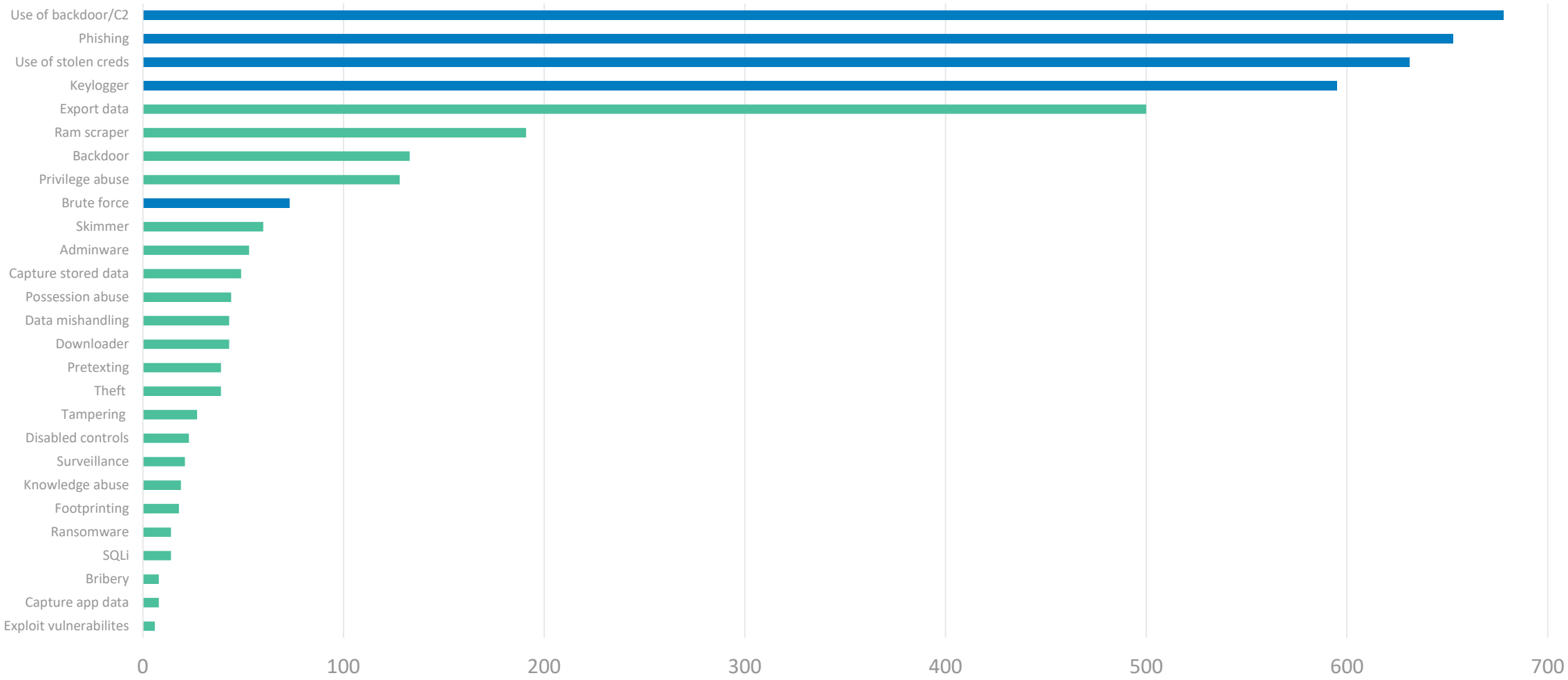
okta

Protect Against Data Breaches

Göran Fransson SE EMEA

November 2017

Credentials, again and again



**Verizon 2017 Data Breach Investigations Report*

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“The Cloud” Today’s Meeting Place
Who will you meet?
Why?
Move to the Cloud?
Or Join?

Why produce hard drives today?

“When everybody is moving to the cloud”

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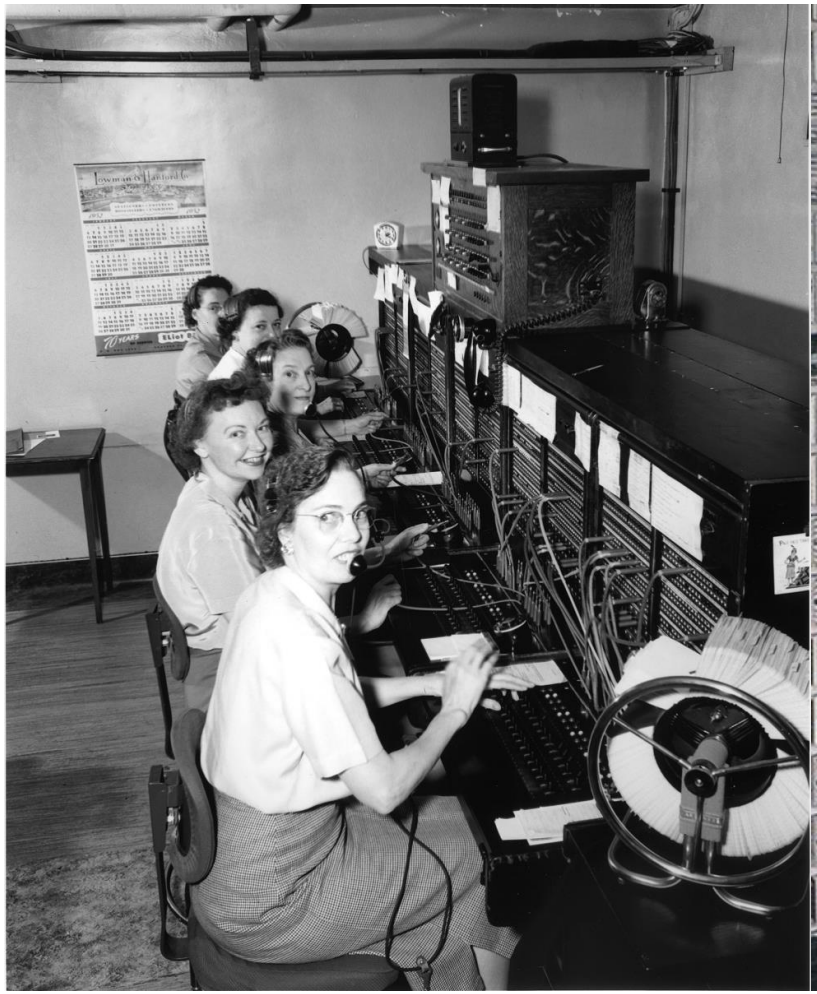
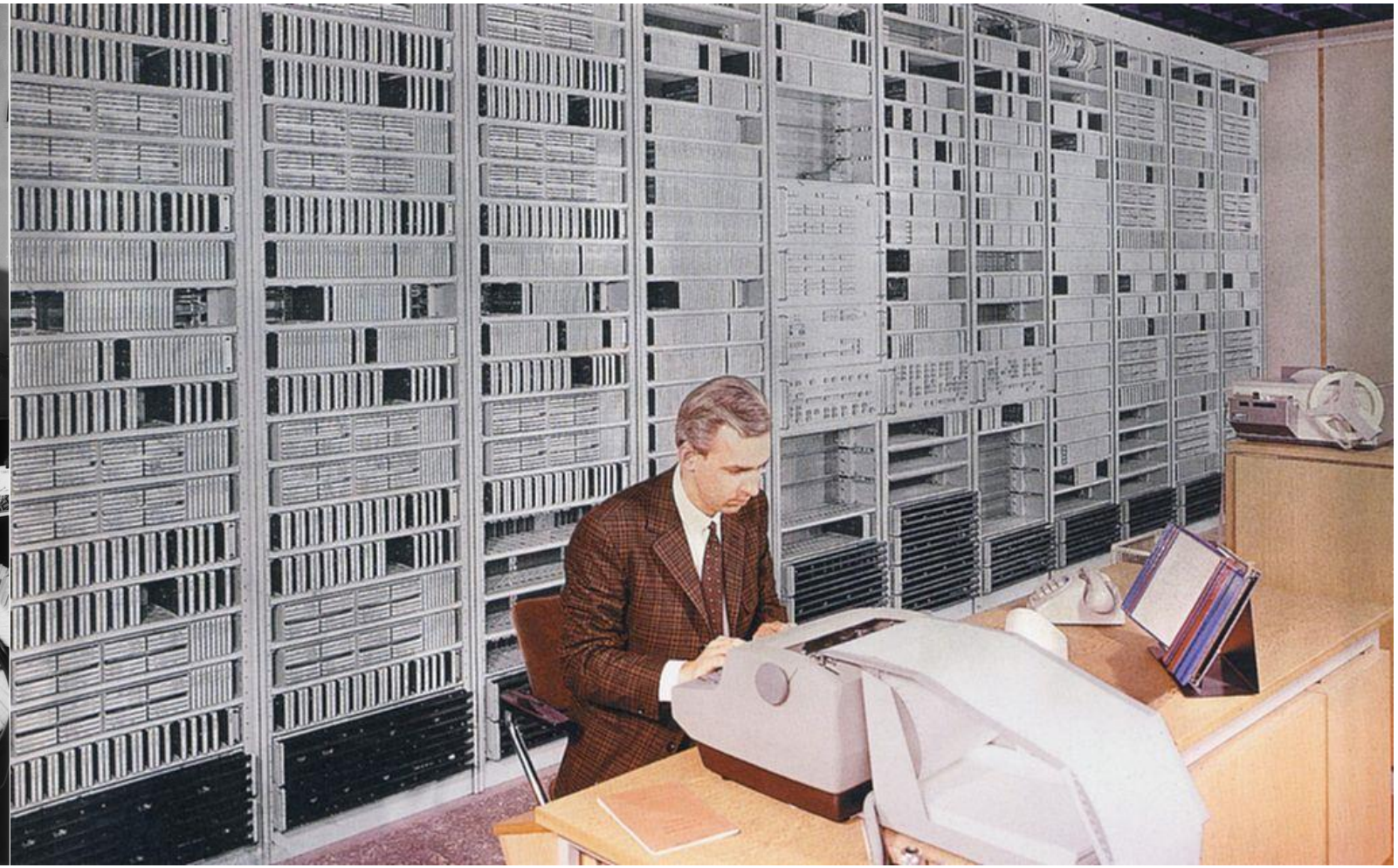
Beginning of eID? Why?





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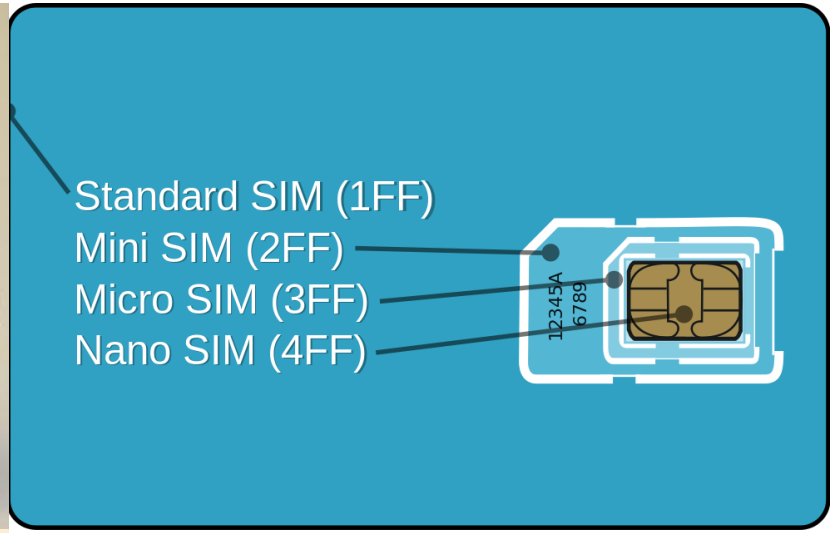
Mobile ID



BankID

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Food for thought

- What if the wired phone had a personal ID tied to it?
- What if pay phones had a smartcard reader?
- Where are we today in the Nordics when it comes to eID?

- Federation solves global identity challenges
- Federation can be used locally to simplify delegation
- Identity & Security can facilitate developers

- Identity is the key
- Who can provide it?

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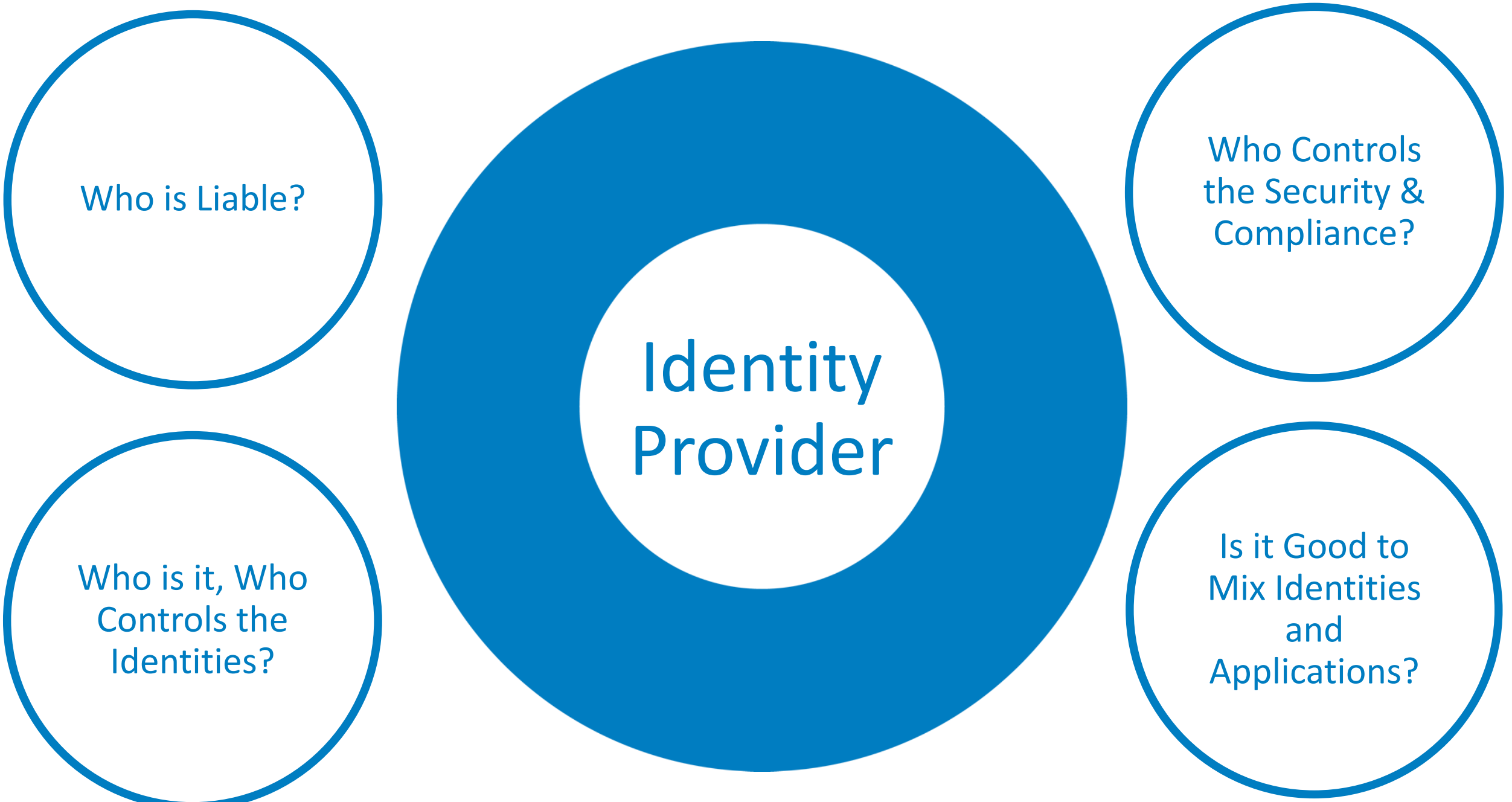
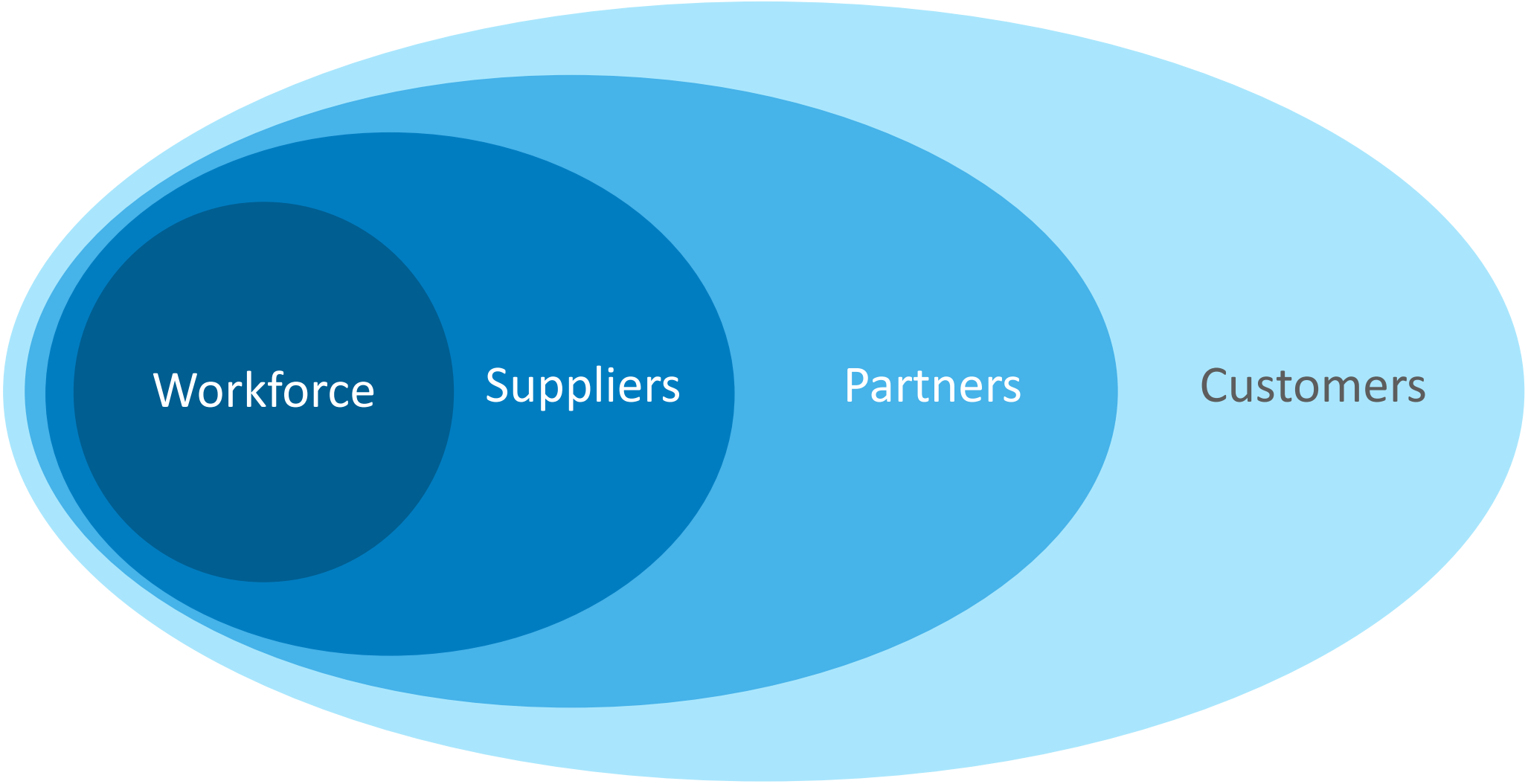

Who is Liable?
Who Controls the Security & Compliance?
Identity Provider
Who is it, Who Controls the Identities?
Is it Good to Mix Identities and Applications?

Okta is a Tool to Manage All Identities Securely



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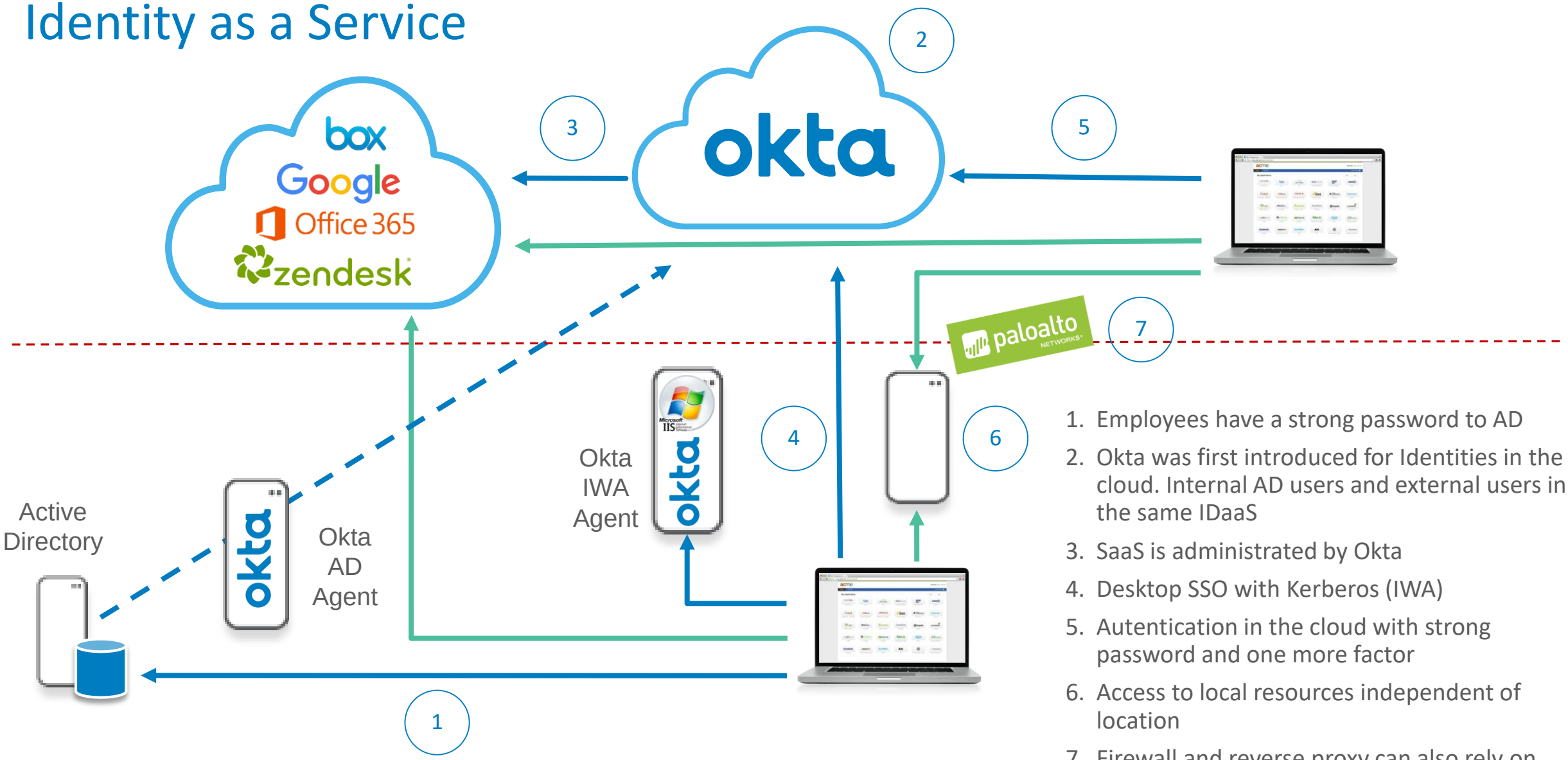
Identity as a Service



1. Employees have a strong password to AD
2. Okta was first introduced for Identities in the cloud. Internal AD users and external users in the same IDaaS
3. SaaS is administrated by Okta
4. Desktop SSO with Kerberos (IWA)
5. Autentication in the cloud with strong password and one more factor
6. Access to local resources independent of location
7. Firewall and reverse proxy can also rely on Identity from Okta

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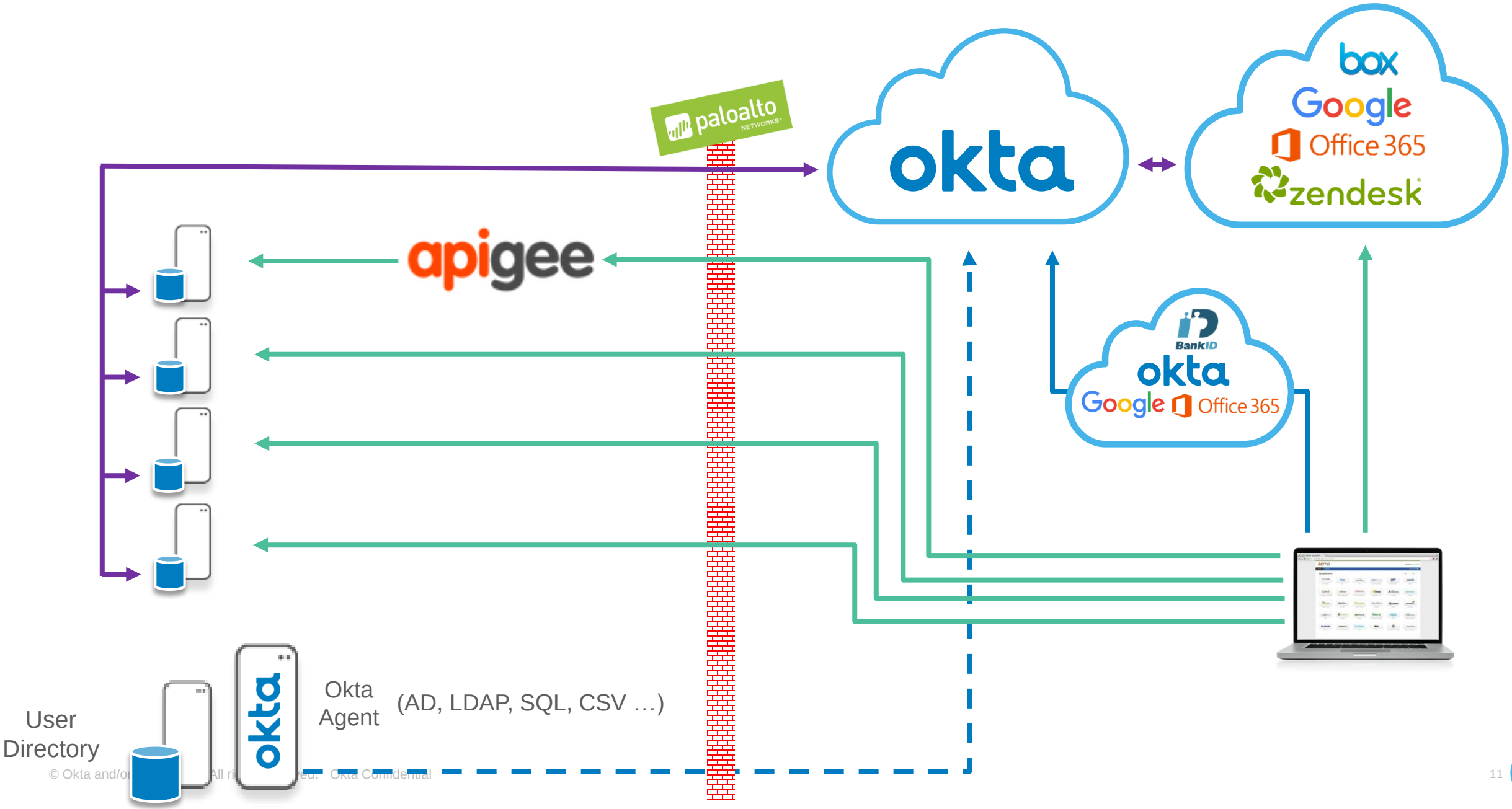
Okta for B2B and B2C



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Value for IT

Productive Workforce

\+ Reduced IT Costs

\+ Enhanced Security

IT Tr[illegible]nation

Value for Developers

Build web, SaaS & mobile apps

\+ Customer loyalty programs

\+ Supply chain integrations

Increase Revenue

okta IDENTITY CLOUD

- Single Sign-On
- Universal Directory
- Lifecycle Management
- Adaptive Multi-Factor Authentication
- Mobility Management
- API Access Management
- Developer SDKs

okta IDENTITY CLOUD

The Industry's Most Reliable and Secure Platform, Period.

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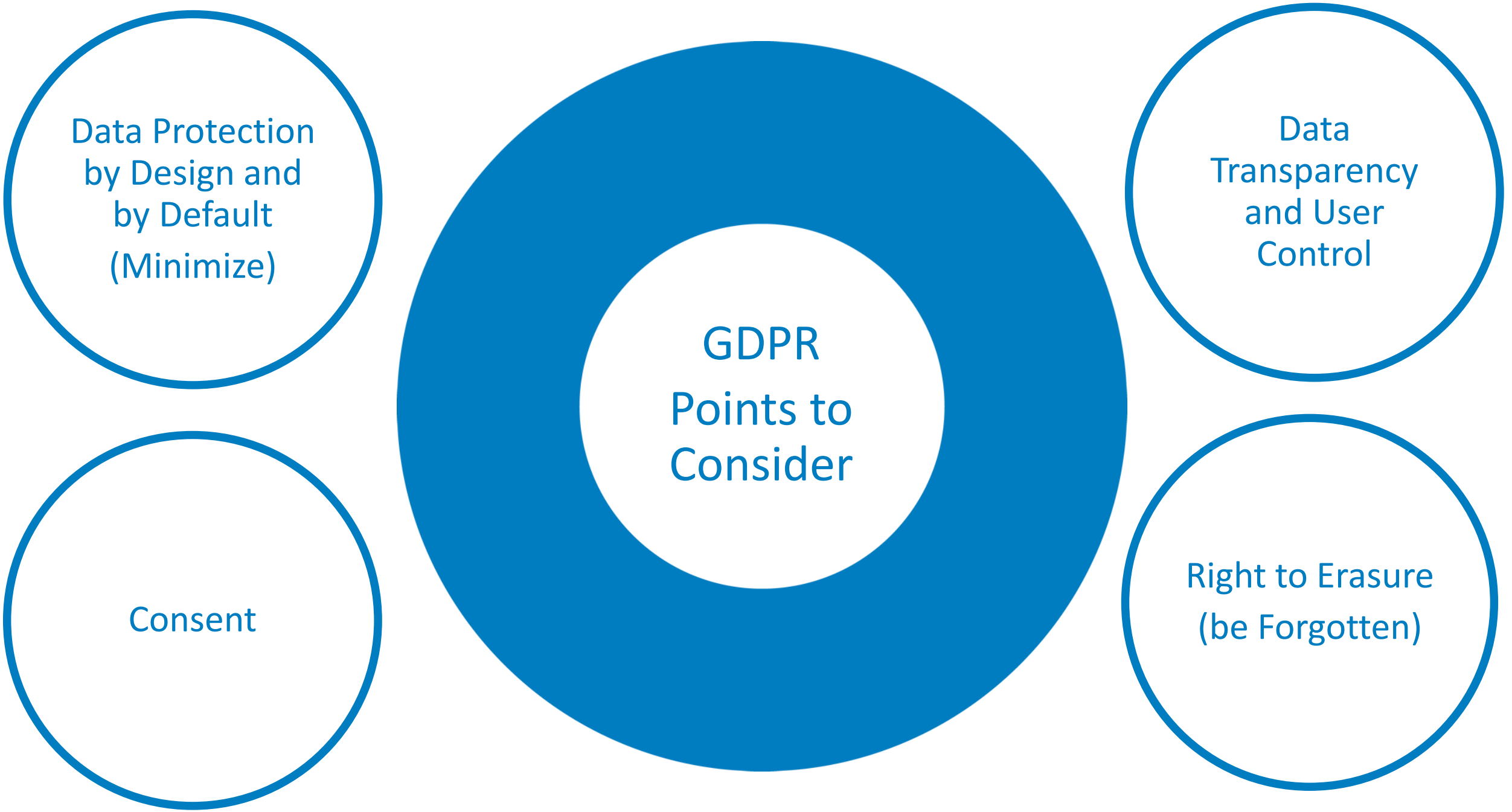
Data Protection by Design and by Default (Minimize)
Data Transparency and User Control
GDPR Points to Consider
Consent
Right to Erasure (be Forgotten)

Thousands of Enterprise Customers

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