

GDPR in Cloud

Introduction



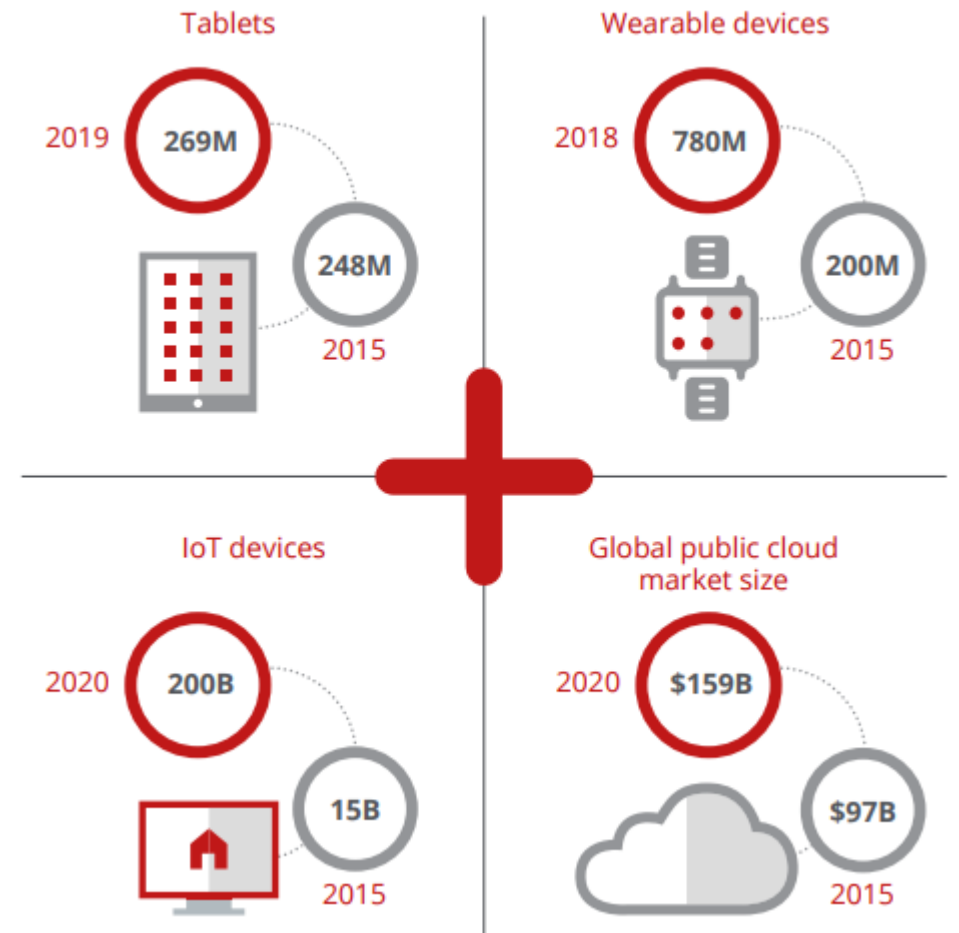
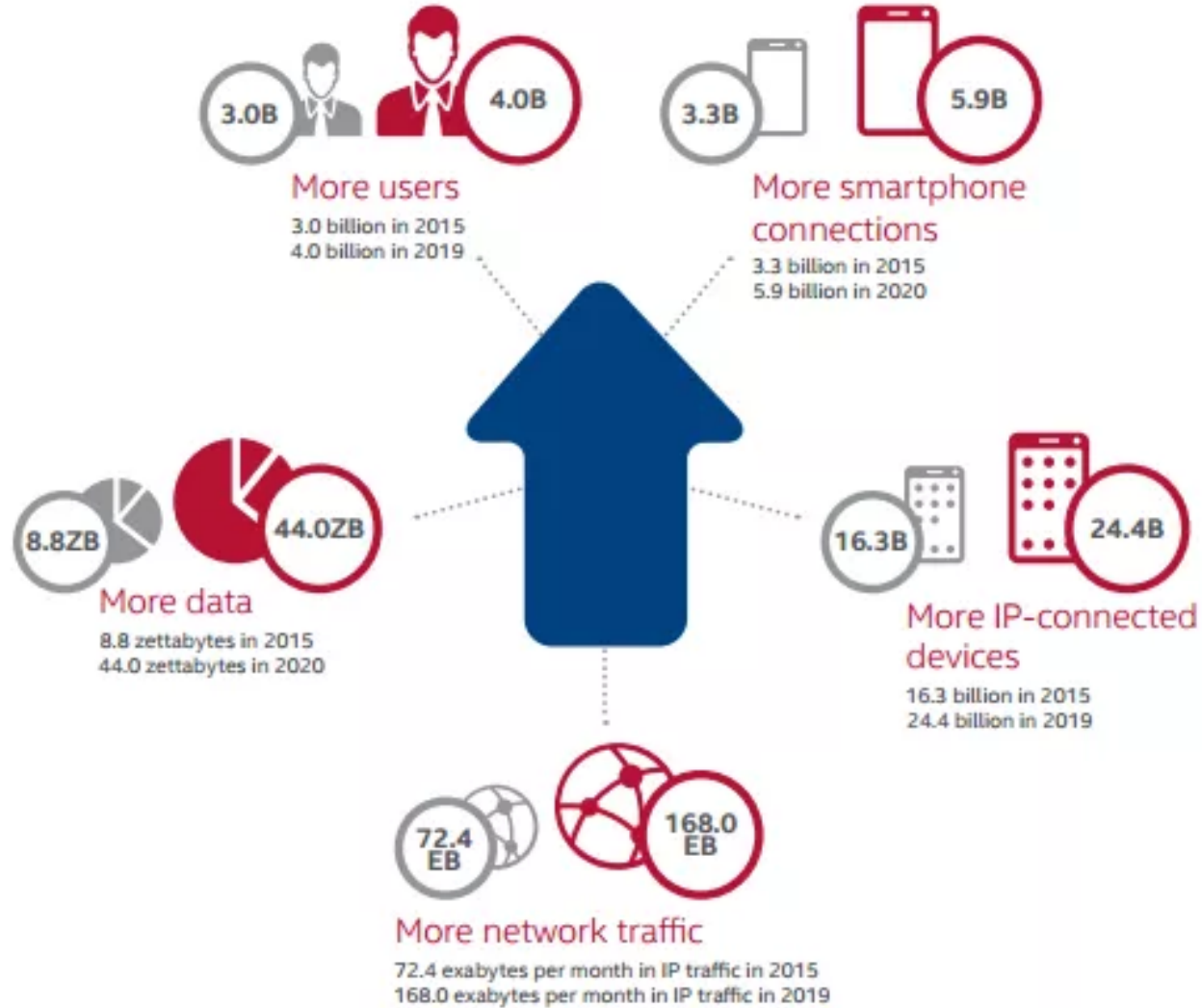
Subhajit is an adept security leader with 16+ years of experience in leading and managing global information security, business continuity, risk management and data privacy programs.

In his current role, Subhajit works as the Chief Information Security Officer (CISO) for Dr Reddy's Laboratories and is responsible for managing cyber security and data privacy of manufacturing and R&D facilities across the globe. In his earlier roles, he was the CISO of Max Life Insurance and Head of Information Security at Sumitomo Mitsui Bank, India.

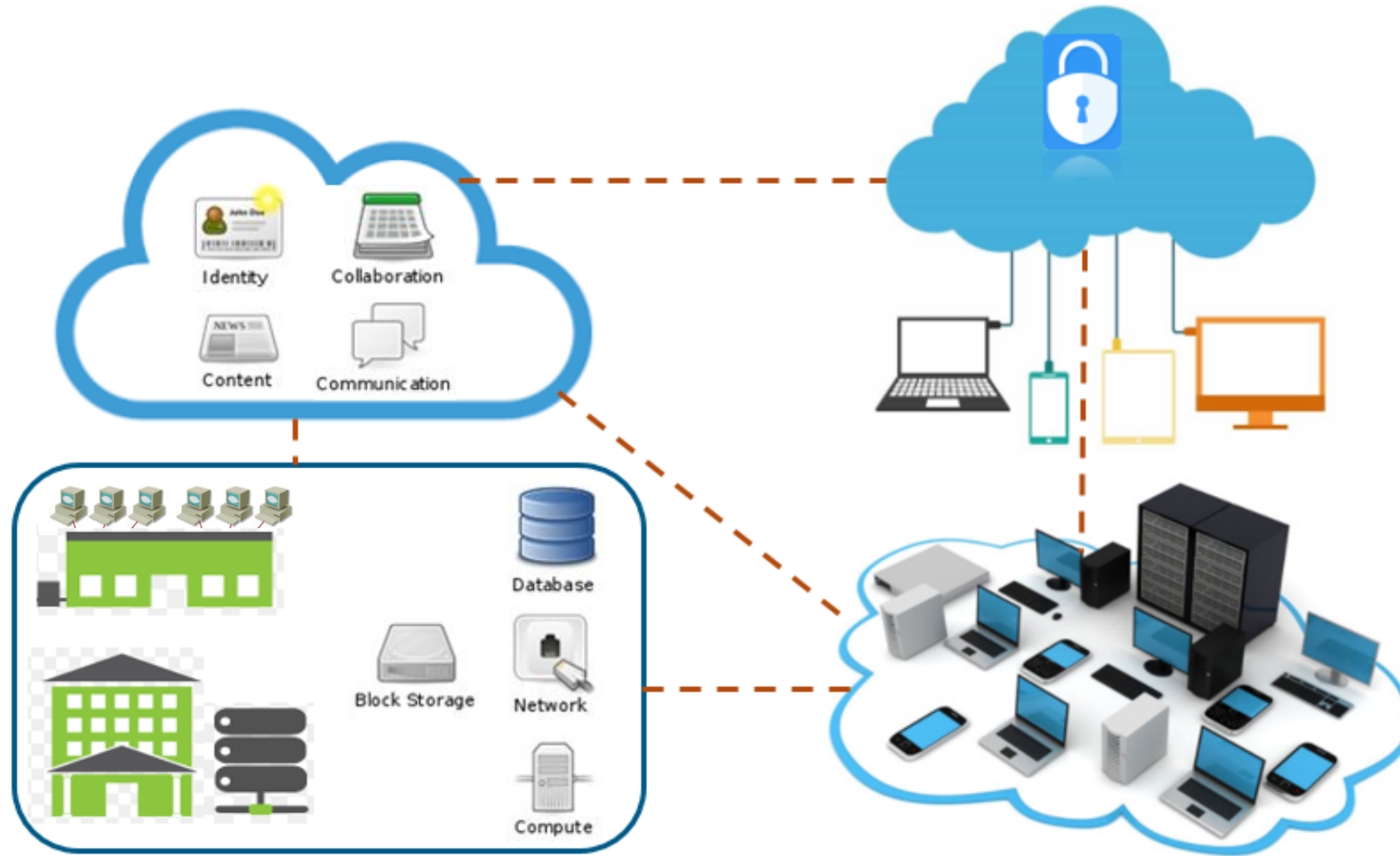
Apart from a Six Sigma Green Belt and various other industry recognized certifications, Subhajit currently has 02 US patents granted, 02 US patents filed and several Trade Secrets registered towards various areas of information security and risk management.

Disclaimer:- The views expressed are of the presenter's own and does not reflect the view of the employer

Where is my data?

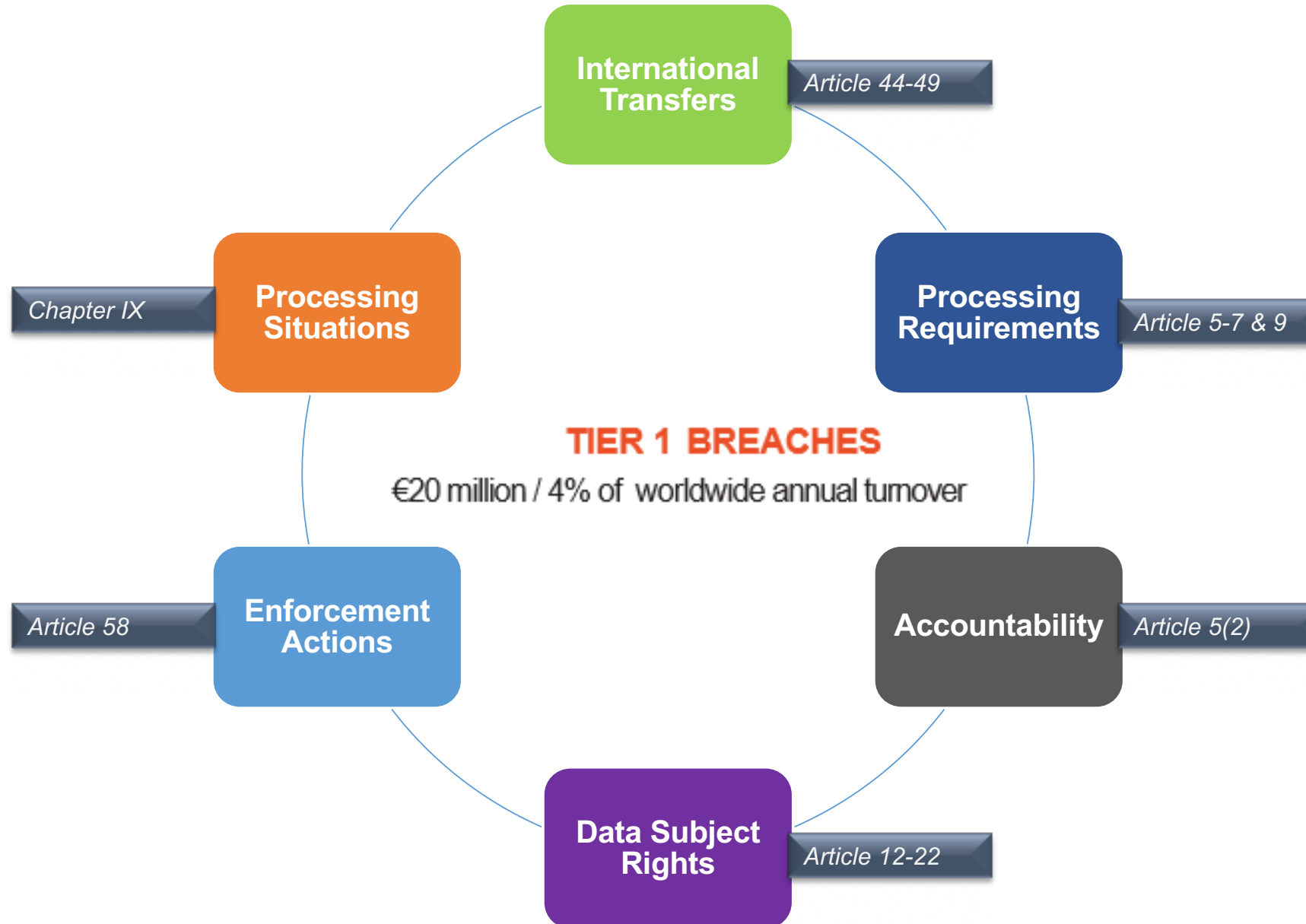


From Siloed to Shared

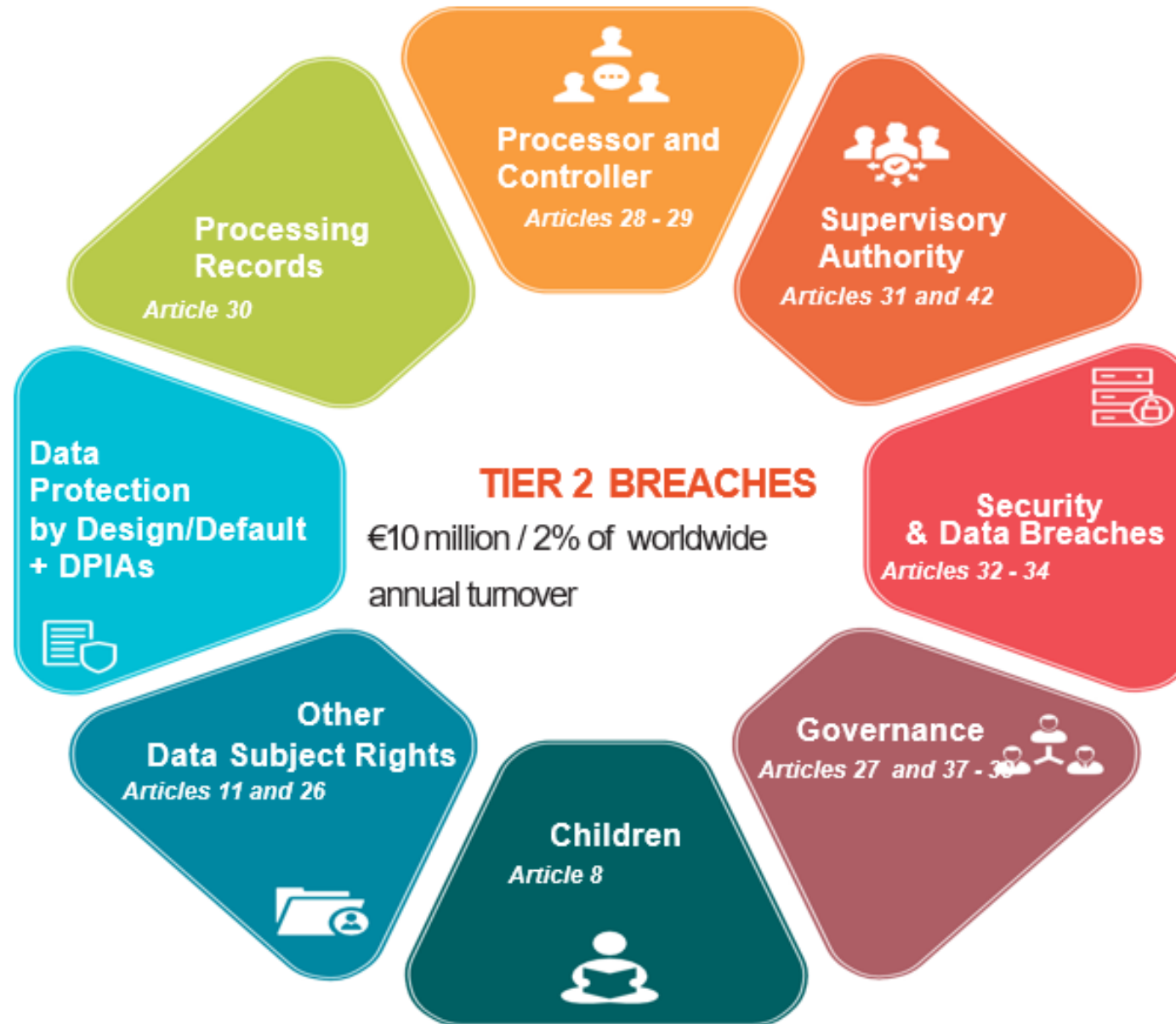


One Security/Privacy model across physical, virtual and cloud environments?

GDPR Compliance Matrices (1/2)



GDPR Compliance Matrices (2/2)



Myths and Opportunities

Myths

- Moving personal data to the cloud is against the law.
- Moving personal data to another country is forbidden.
- Legal requirements regarding the physical storage of personal data.

Key Opportunities - GDPR



Overarching data management, governance, classification and oversight



Maximize data protection and maintain assurance across all stages



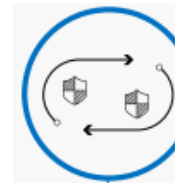
Streamline compliance for management of data subject rights



Discover, identify and classify data across devices, locations and increase visibility

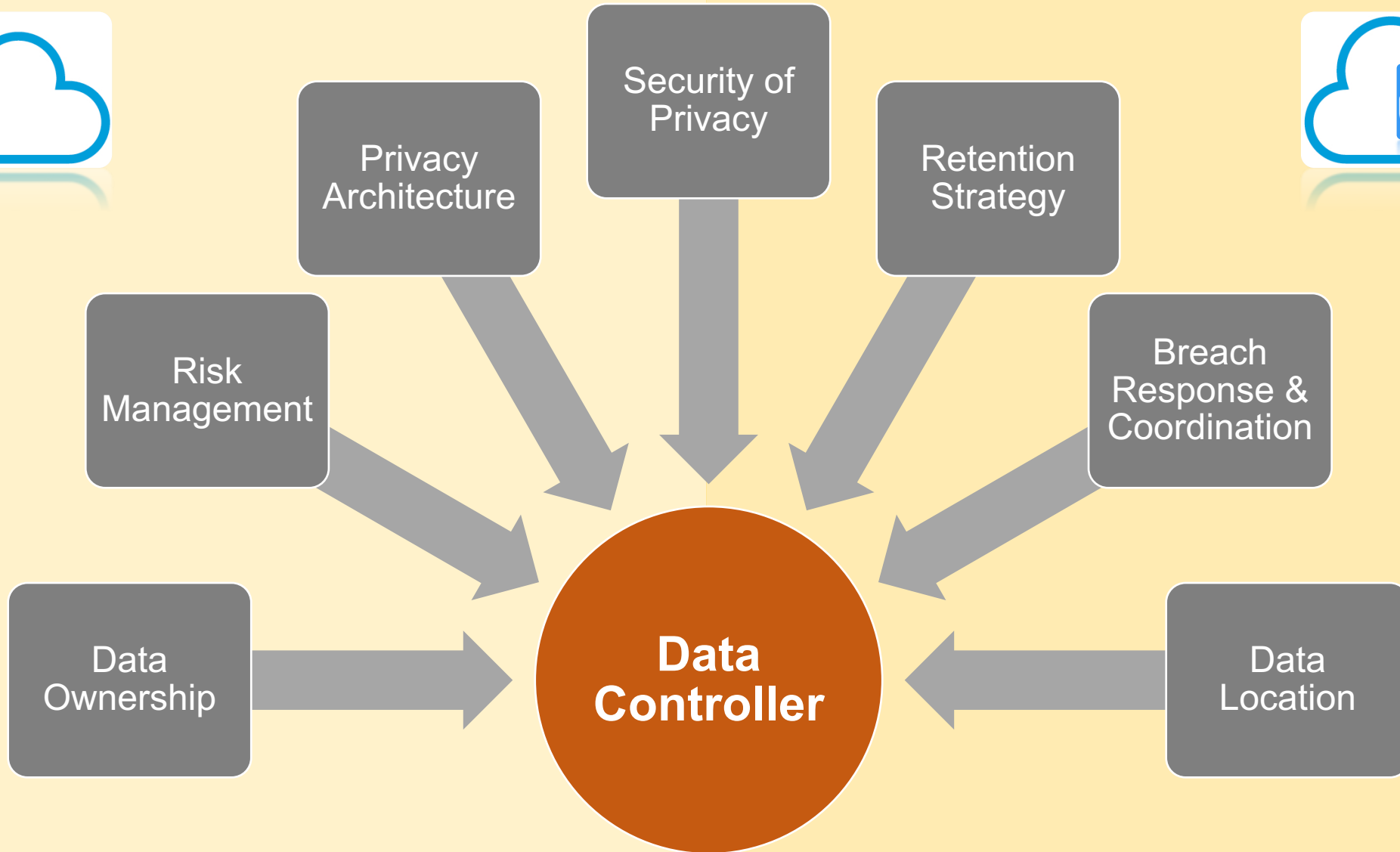


Enforce access control, enhance 3rd party governance with **DATA PROCESSORS**

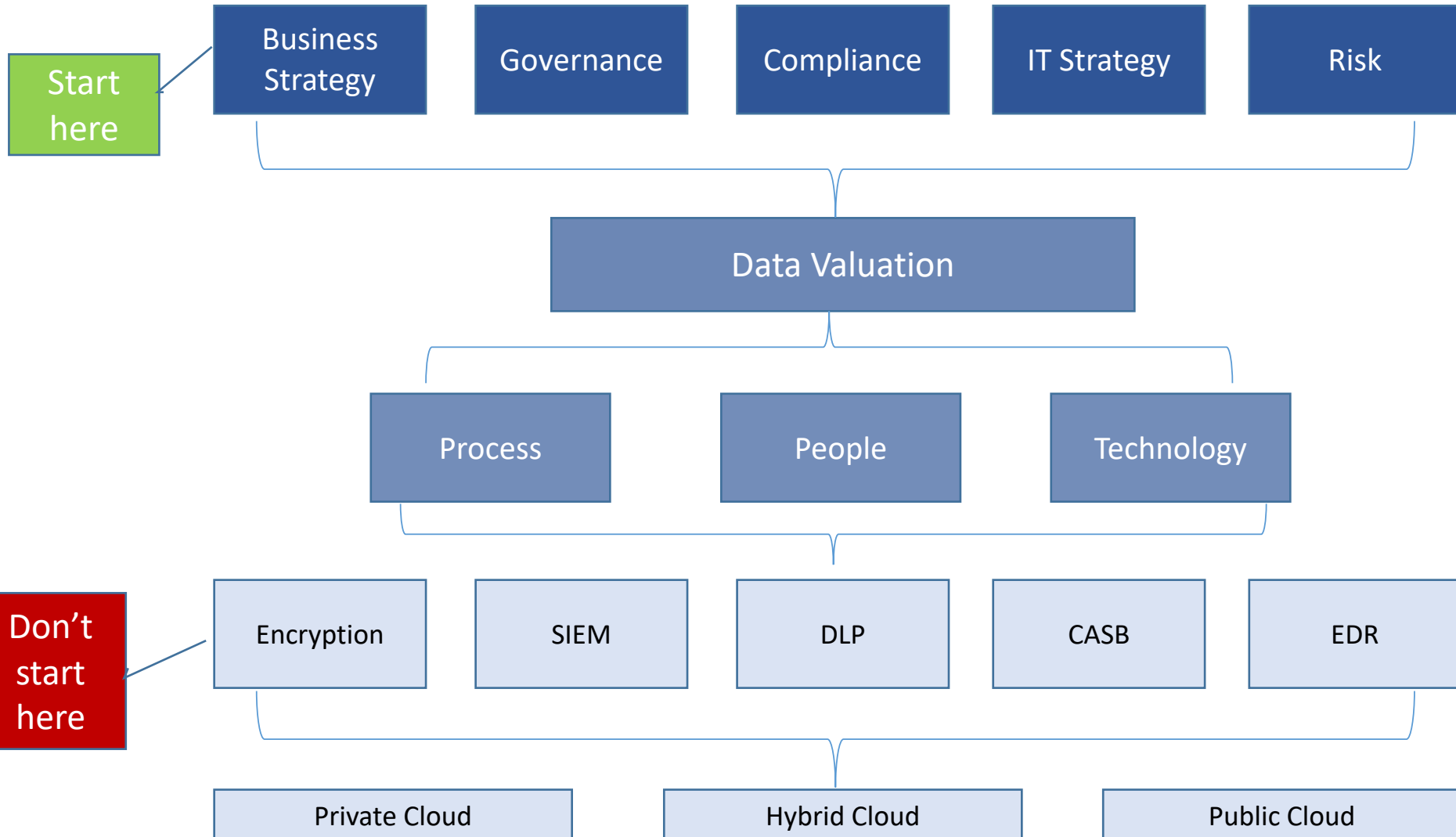


Protect data, respond to intrusions and manage security breaches

GDPR Considerations – Cloud



GDPR in Cloud – Strategic Approach



1. Alignment of business strategy and risk

2. Assign value to data – Prioritize

3. Define privacy and security policies

4. Implement privacy & security controls

5. Orchestrate in all environments

GDPR in Cloud – Operational Approach

1

2

3

4

5

Discover

- Data discovery – Structured
- Data Discovery – Unstructured
- Data Classification
- Data Flow Diagrams
- Data Locations
- Data Ownerships
- Master Data

Manage

- Data flow - at rest, in use and in transit
- Storage methods – Recovery, Archival, Retention and Disposal
- Access Management
- Secondary usage
- Legal Basis
- Trust
- Privacy by Design

Protect

- Physical Security
- Network Security
- Data & Application Security
- Threat protection
- BCP & DR
- Breach Management
- Training

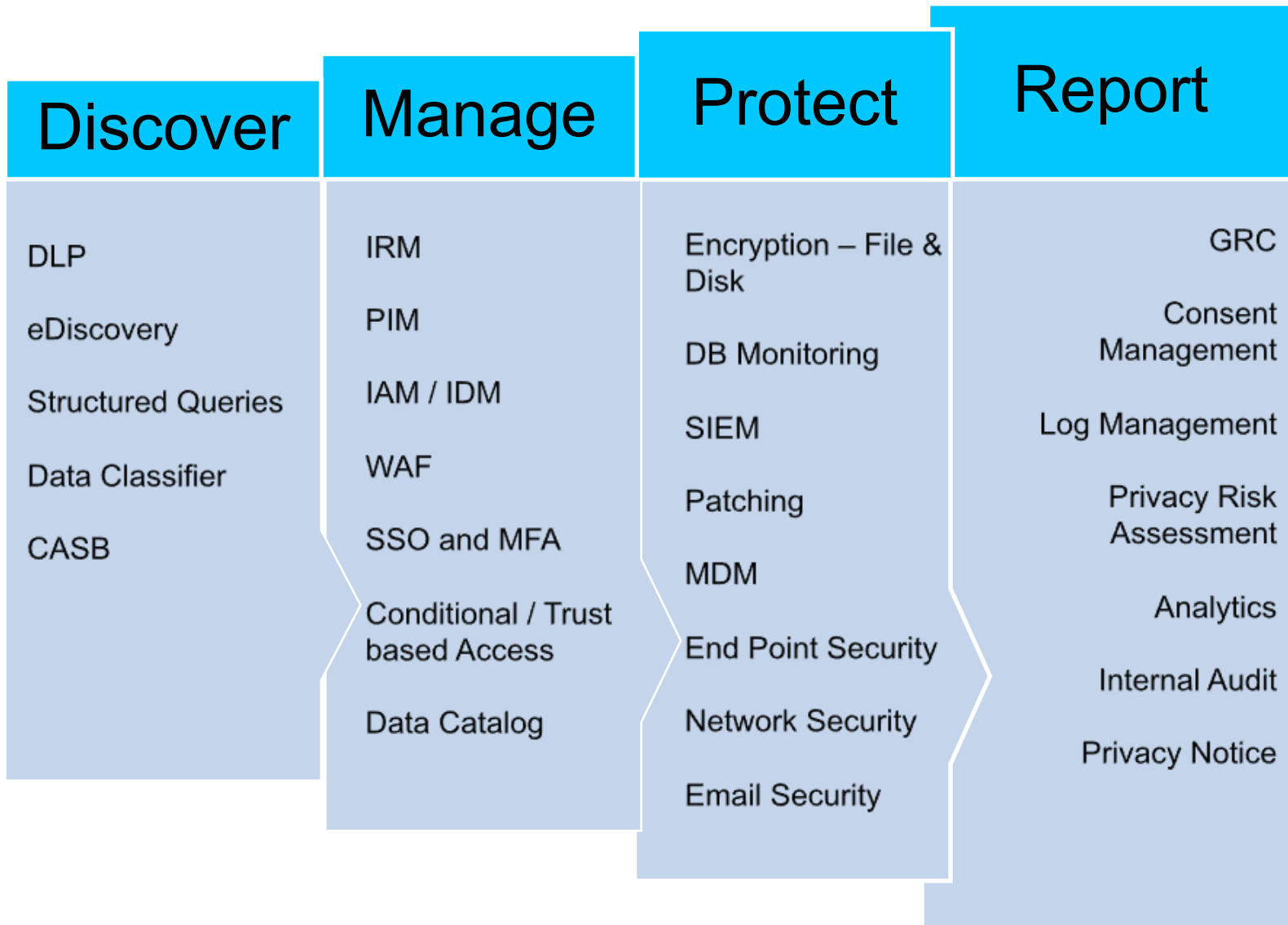
Report

- Consent Management
- Breach Notification
- Data classification
- 3rd party processing
- Audit logs
- Data subject requests
- DPIA
- Audit & Assurance

CSP Governance

- Contractual Agreement
- Data Privacy Agreement
- Data Segregation
- Location Disclosure
- Security / Privacy Compliance
- Right to Audit
- Liability & Indemnification
- Breach Notification

GDPR Implementation – Tool Kit



Parting thoughts:-

- ✓ **Monitor**
 - Discover often – data influx
 - Maintain independent logs
- ✓ **Enforce**
 - Maintain single master record
 - Minimize collection
 - Privacy by Design
- ✓ **Communicate**
 - Privacy notice – data subject
 - Privacy training – Custodians
- ✓ **Empower**
 - Secure user dashboard
 - Privacy contacts – Queries & Escalations

Questions?