



# Futurewei GDPR Consulting Service Introduction

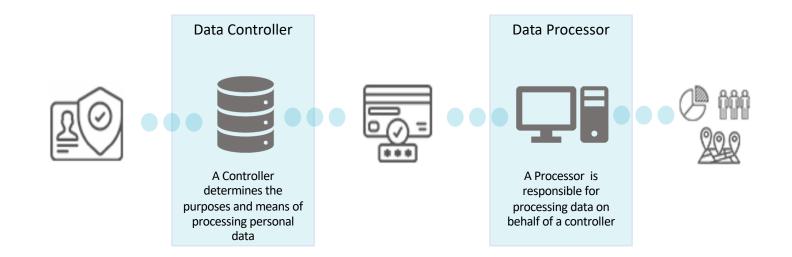
Futurewei Boston Solution Group

# What is GDPR?

GDPR (General Data Protection Regulation) is a set of necessary compliance, that European Union regulates how companies (Data Controller and Data Processor) interact with, collect, and store personal information about consumers (Data Subject).

GDPR lays down the lawful consent for obtaining customer information, customer rights over the information they share, and legal basis for processing the information by companies.

### **Data Governance**





# Rights of Data Subject, Service and Principles



#### The Right to Be Informed

Individuals have a right to know who is processing their personal data



#### The Right to Access

Individuals have the right to access any personal data that has been collected about them



#### The Right to Rectifications

Individuals have the right to require organizations to correct inaccurate personal data



### The Right to Be Forgotten

Individuals have the right to



Data subject

have their personal data deleted and to prevent further collection



### The Right to Restrict Processing

Individuals have the right to require organizations to restrict the processing of specific categories of personal data



### The Right to Data **Portability**

Individuals have the right to require organizations to transfer personal data to a recipient of their choice



### The Right to Object

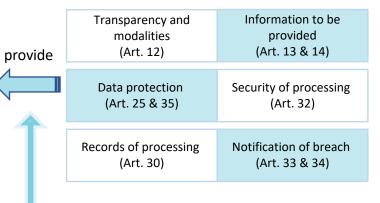
Individuals have the right to consent, or withdraw consent. to the processing of their personal data



### Rights in Relation to **Automated Decision** Making and Profiling

Individuals have the right to opt out of the use of their personal data by automated systems, such as artificial intelligence

### **Controller and Processor**



### Principles of processing personal data (Art. 5)

# Scope of the Law

Apply to

NOT apply to

## Material Scope (Art. 2)

The processing of personal data wholly or partly by automated means, and to the processing (filing system) not by automated means.

NOT applies to an activity:

- a) which falls outside the scope of Union law;
- b) by the Member States which fall within the scope of <u>Chapter</u> 2 of Title V of the TEU;
- c) by a natural person for a personal/household activity;
- d) by competent authorities for criminal related activities.

# Territorial Scope (Art. 3)

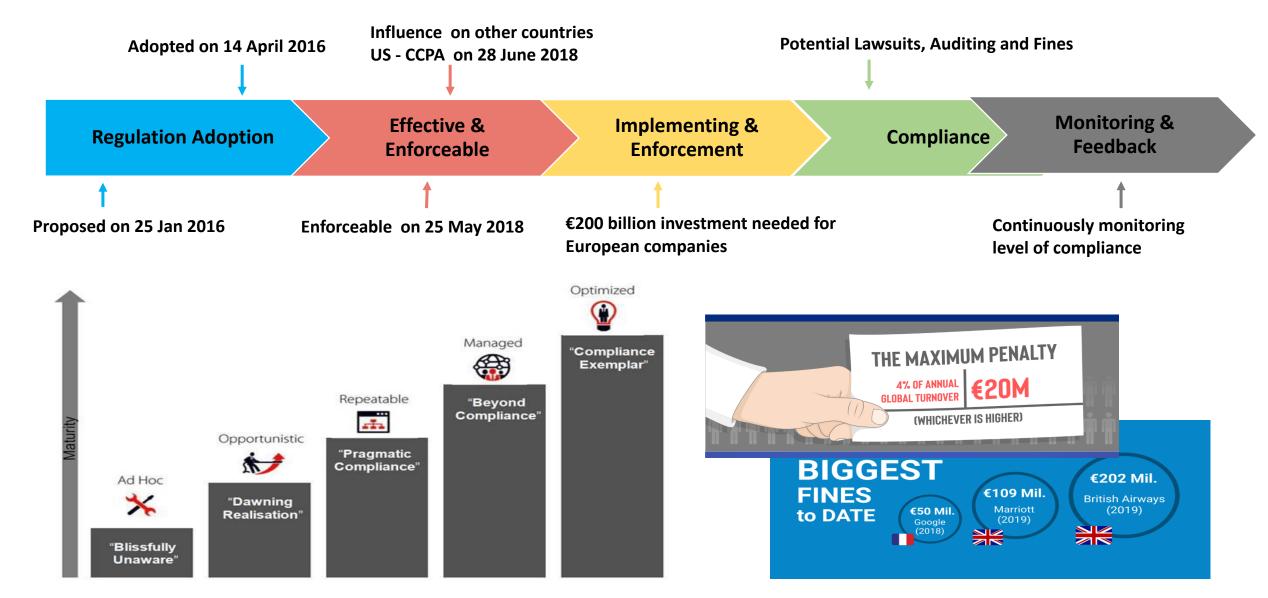
A controller or a processor that is established in the Union, regardless of whether the processing takes place in the Union or not.

A controller or a processor that is not established in the Union, but its activities are related to:

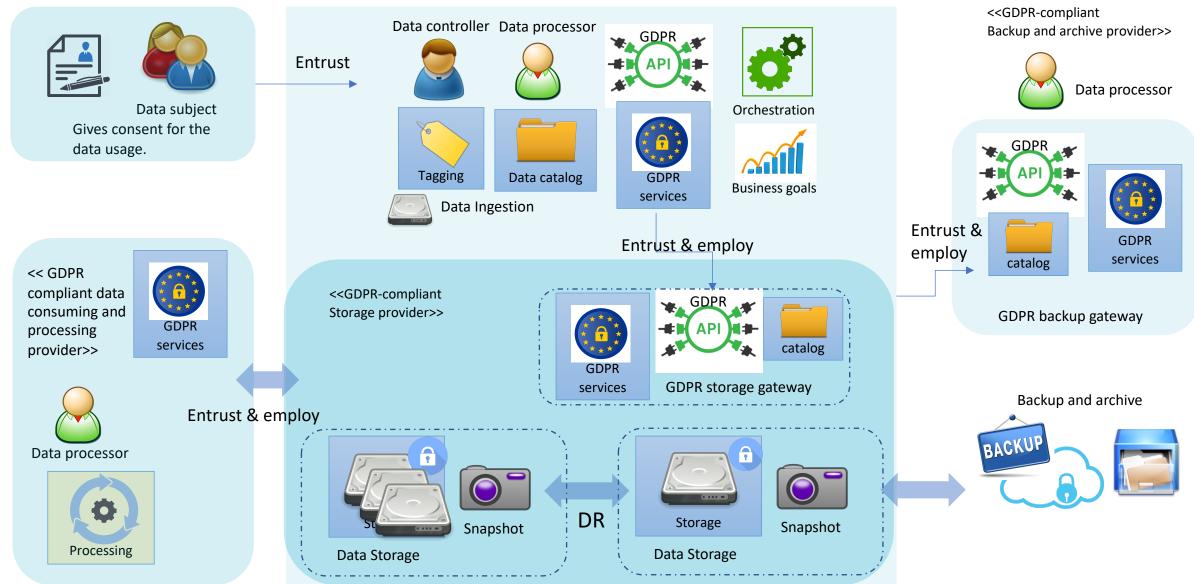
- a) the offering of goods or services; or
- b) the monitoring of their behavior as far as their behavior takes place within the Union.

A controller not established in the Union, but in a place where Member State law applies.

# Journey of GDPR, Compliance Level and Consequences for Companies



# Functionalities and roles of IT systems in GDPR



# Storage vendor GDPR capability/competitive model (levels)

Level 4. Al-assisted GDPR compliance

Al-assisted GDPR enforcement.

Intrusion detection is Alassisted and policies can be updated automatically. Auditing is AI-assisted to detect any GDPR violation within minutes. Minimize any potential impact.

GOAL Programment

Proactive/intelligent GDPR compliant

Level 3. Policy-based GDPR compliance

GDPR compliance is policy-based and provable.

GDPR policies can be reviewed and modified via a policy-based interface.

GDPR enforcement reports can be generated instantly for review and compare to GDPR policies. One or two (partially fit)

Level 2.End-to-end provable GDPR compliance

Fully automated. GDPR compliance is provable. Small granularity (file, record) for data protection and encryption

Need a short time (seconds) to get a report of data location, auditing logs to show GDPR compliance.

Need a short time (minutes or hours) to make sure the "right to be forgotten" requests are satisfied. Some storage vendors

Level 1. Basic GDPR compliance

Some GDPR compliance steps are based on manual processing.

Large granularity (LUN, volume) for data protection and encryption

Need a long time (hours) to get a report of data location, auditing logs to show GDPR compliance. Need a long time (hours or even days) to make sure the "right to be forgotten" requests are satisfied. Most current storage vendors

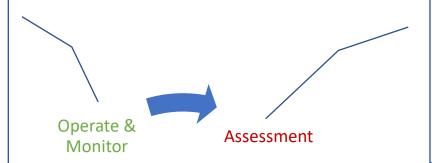
Defensive/manual GDPR compliant

Functional Completion

# Futurewei's GDPR Consulting Service Engagement Phases and Processes

# Auditing, Monitoring and Compliance Report generated Policies Enforced

- 1. Provides consulting services to facilitate customer IT team to continuously monitor, audit and assess GDPR compliance level of storage infrastructure
- 2. Provides recommendations regarding new GDPR law and policy changes.



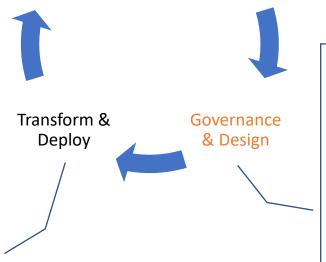
# Plans, Roadmaps and Technical measures

#### **Futurewei**

- 1. works with customer to conduct storage specific gap analysis
- 2. Recommend appropriate software to facilitate gap analysis.

### **Processes, Tools and Policies deployed**

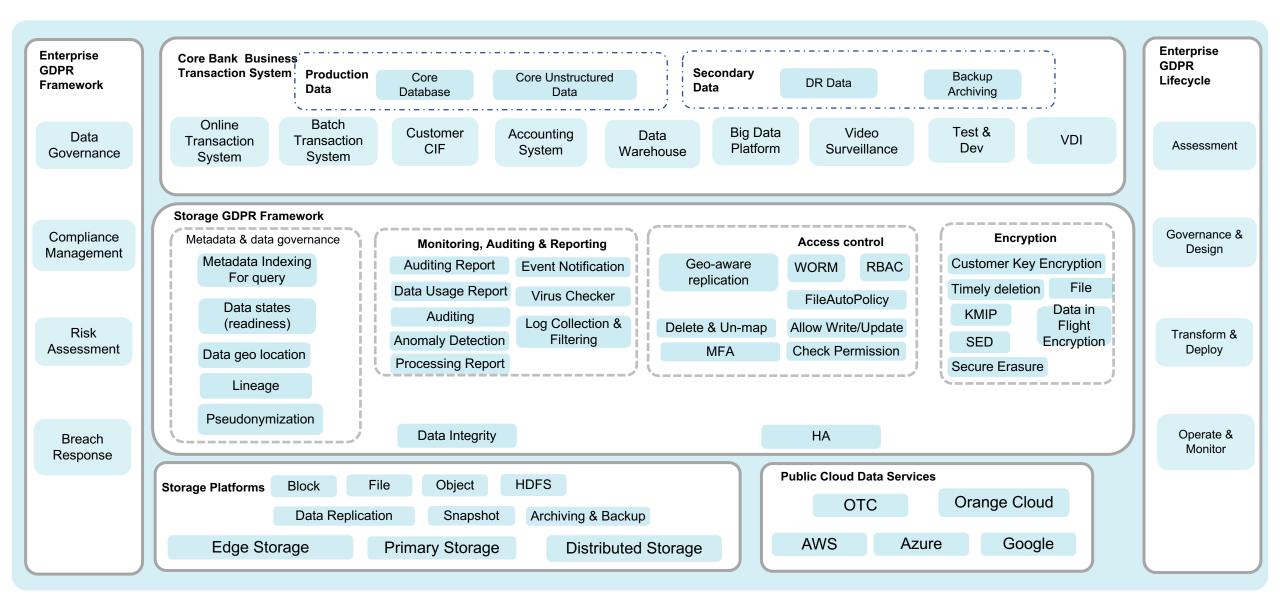
- 1. Works with customer IT team to deploy and transform customer IT storage infrastructure into GDPR compliant data platform.
- 2. Deploys monitoring, security audit and assessment tools by leveraging storage vendor GDPR capabilities.



# **Detailed Implementation Plan and Policies Futurewei**

- 1. Works with customer to recommend appropriate action plan to close GDPR gaps
- 2. Works with customer internal IT to devise a storage GDPR compliance architecture & design, makes conscious decisions on storage products and related software purchases.

# SAMPLE: GDPR Solution in a Banking System Data Center Environment



# Thank You.

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