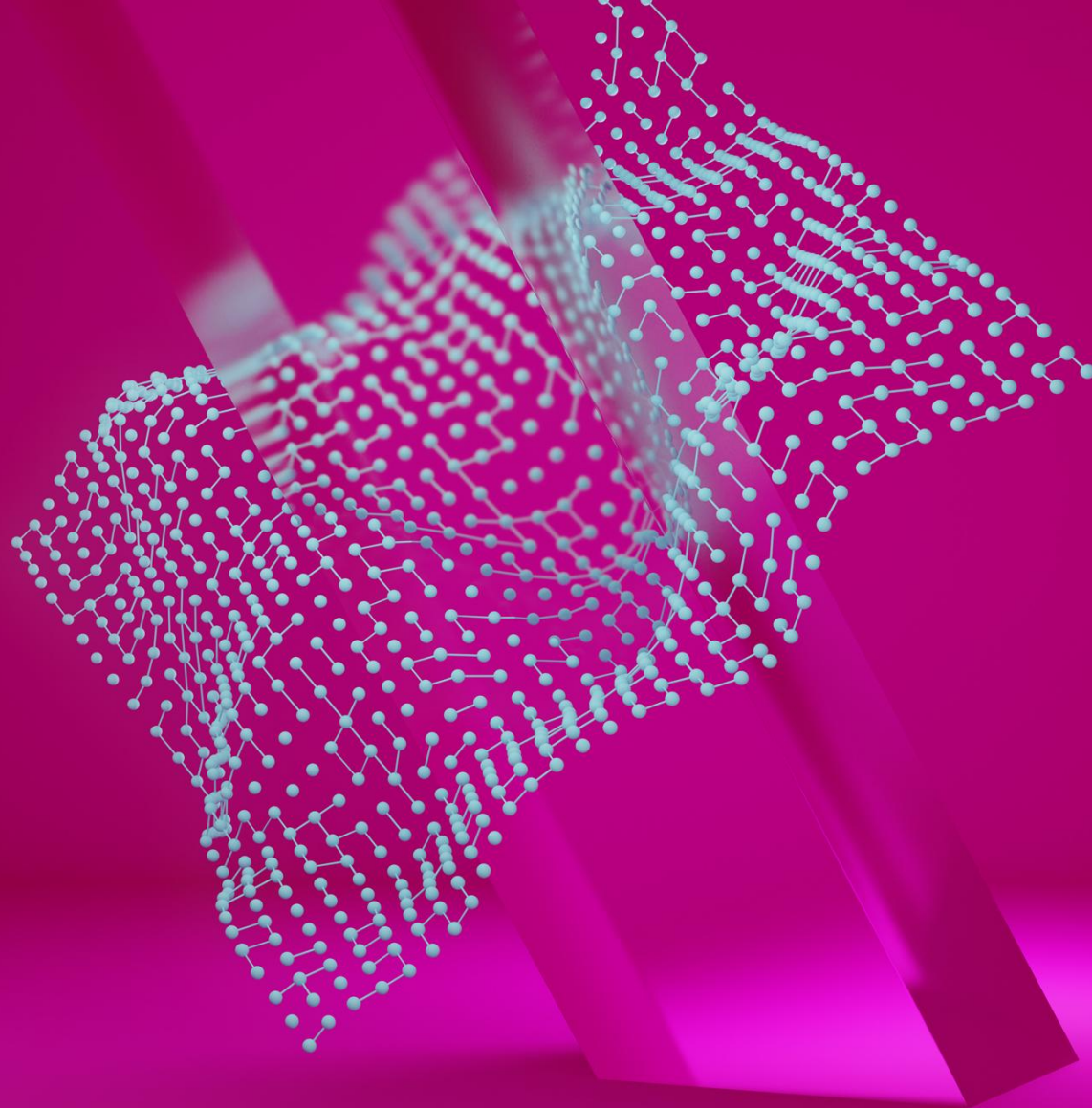


Rajat ylittävään tiedon siirtämiseen liittyvät tekniset ratkaisut

Heikki Lanu

Tietoturvapäällikkö, Findata



Cross-Border Gateway: Overview

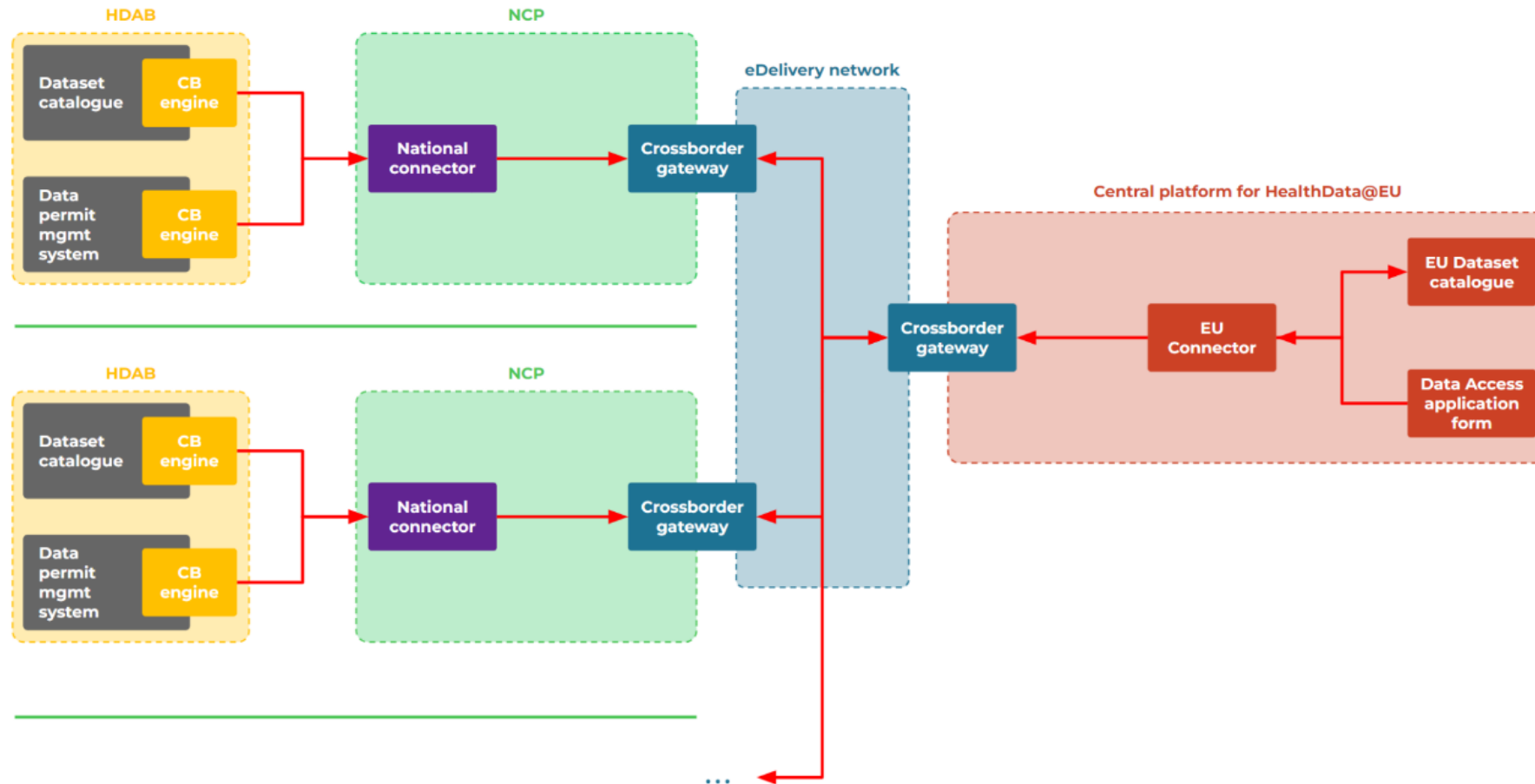
What is the Cross-Border Gateway (CBG)?

- The Cross-Border Gateway (CBG) is a technical solution that connects each Member State to the European Commission's central system.
- It enables secure and structured cross-border data exchange in the context of secondary use of health data.
- The CBG acts as a national interface between Member States and the EU-level infrastructure.

Read more about the HealthData@EU Central Platform:

<https://health-data-drupal.acceptance.data.health.europa.eu/en/home>

High-Level Design



Purpose and Key Functions of the CBG

Main functions of the Cross-Border Gateway:

- To transfer up-to-date national data catalogue content to the Commission's central catalogue for researcher visibility.
- To support cross-border research workflows by exchanging:
 - Data access applications
 - Data access permit decisions
- To ensure harmonised and reliable information flow between Member States in cross-border research projects.

Role in the European EHDS2 Architecture

CBG in the EU-wide setup

- Each Member State connects directly to the Commission's Cross-Border Gateway.
- The Commission's CBG functions as a central coordination and routing point.
- At national level, the implementation and operation are the responsibility of the coordinating Health Data Access Body (HDAB).
- This model supports:
 - Decentralised national systems
 - Centralised discovery and coordination at EU level

Development and Cooperation Model

Collaborative development approach

- The development of the Cross-Border Gateway is carried out jointly by Member States.
- Coordination takes place within the Community of Practice (CoP) forum.
- The CoP enables:
 - Exchange of experiences and best practices
 - Alignment of technical solutions
 - Discussion of interpretation and implementation of EU-level requirements

Current Project Status

Status of the CBG project

- National implementations are progressing in parallel across Member States.
- Integration testing is carried out against the Commission's central Interoperability Test Bed (ITB).
- Continuous adjustments are required to align national solutions with evolving EU-level components.
- Close cooperation with other Member States and the Commission remains essential.

Implementation Timeline

Regulatory and implementation milestones under the EHDS framework

- **2025–2027 National preparation phase**
 - Member States develop and test national infrastructures and CBG connections
 - Technical specifications and implementing acts under development (e.g. through TEHDAS2)
- **March 2027 EHDS framework becomes generally applicable**
 - Transition from preparation to deployment
- **2027–2029 Deployment and consolidation phase**
 - Progressive onboarding of Member States to HealthData@EU
 - Expansion of cross-border metadata and application workflows
- **March 2029 Operational target**
 - HealthData@EU and Cross-Border Gateway required to be fully operational
 - Cross-border catalogues, data access applications and permit decisions supported

CBG implementation follows a phased EU-level rollout; timelines depend on implementing acts and Commission platform maturity.

Kysymykset ja keskustelu

Kiitos!

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