

DECENTRIQ



Microsoft

Secure data collaboration in the cloud

Agenda

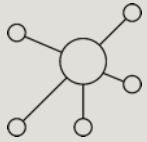
- 1.** Introduction
- 2.** How Decentriq can help you
- 3.** Use cases & Success Stories
- 4.** How to work with us



The background is a light gray field filled with a complex, three-dimensional wireframe pattern. It consists of numerous rectangular prisms or cubes of varying sizes, some of which are interconnected. Scattered throughout this geometric landscape are small, dark gray square markers, resembling data points or pixels. The overall effect is a sense of digital depth and complexity, typical of a data visualization or a futuristic architectural rendering.

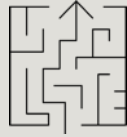
\$300bn worth of
data is left untapped
each year

Current process is massively inefficient



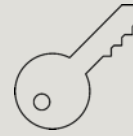
Siloed Datasets

Combining different sensitive and non-sensitive data for analysis is a cumbersome process, limiting capabilities



Complex Policies

Analyzing insights from different sources requires complex policies in place



Lack of Trust

Sharing data means losing control over it, while not controlling where it goes and how it is analyzed



Security Concerns

Recent hack of US government and major corporations raises serious concerns about the safety of sensitive data

Private and public organizations need a solution to effectively, securely, and safely collaborate on data

The time is now

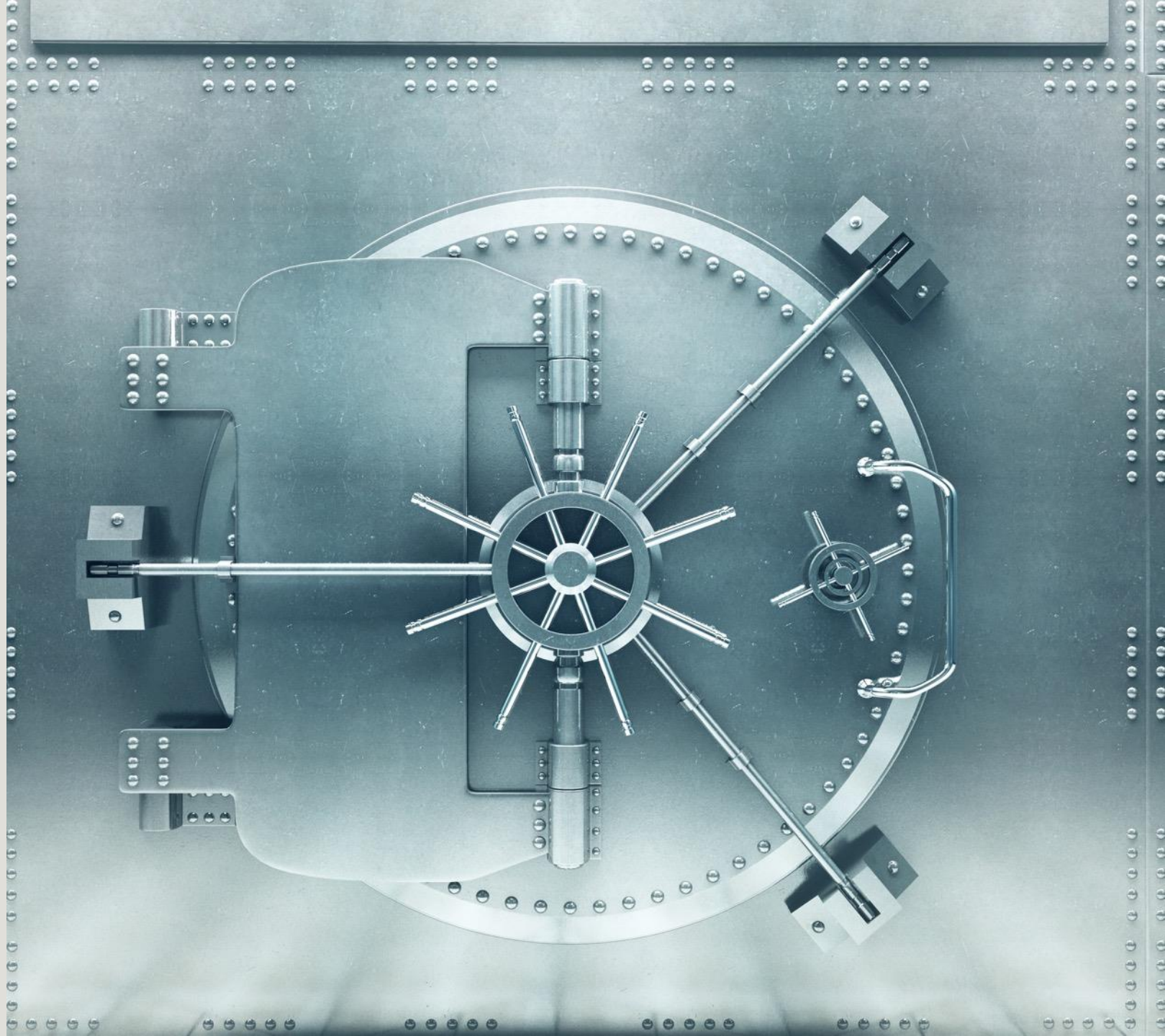
Organizations that offer users access to internally and externally prepared **data will realize 100% more business value from analytics investments**

Gartner, 2020

Data sharing offers tremendous potential value for businesses, whether several come together to share research with one another or a single company creates a data ecosystem that enables customers and other stakeholders to share and access data

McKinsey & Co. 2020

How can
Decentriq help?



Reference

BCG - March 15th 2021



The New Tech Tools in Data Sharing

bcg.com • 2 min read

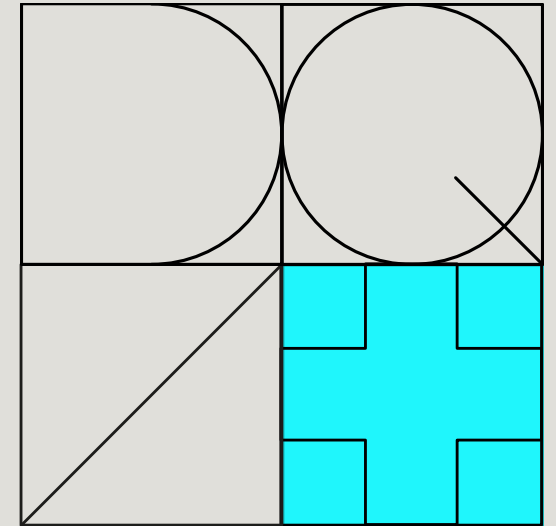


Decentriq is partnering with **Intel** Corporation and **Microsoft** to explore confidential computing by means of TEEs (trusted execution environments).

There is a significant opportunity for IoT equipment providers to integrate TEEs into their products.

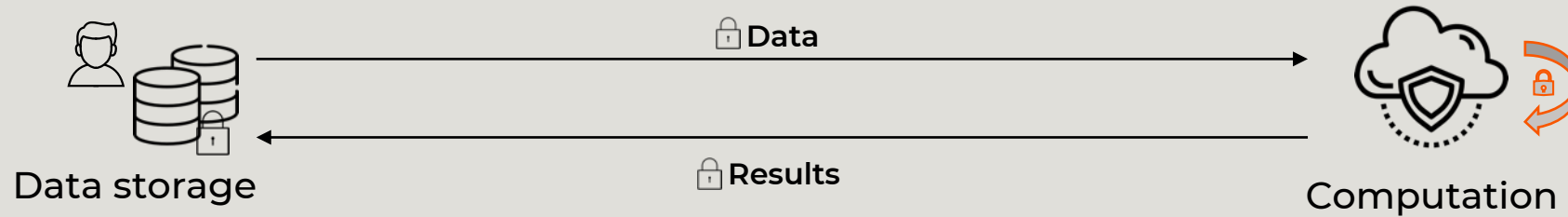


Decentriq is an enterprise SaaS platform that offers a solution for anyone to easily collaborate on data - without risk of exposure or the need to establish trust.



Confidential computing

Securing data in all possible states



Data at rest

Data is encrypted when stored on hard disks

Standard for decades

Data in transit

Data is encrypted when transferred (HTTPS/TLS)

Standard for decades

Data in use

Now data can be encrypted also when computed

Impossible before confidential computing

Decentriq – our platform

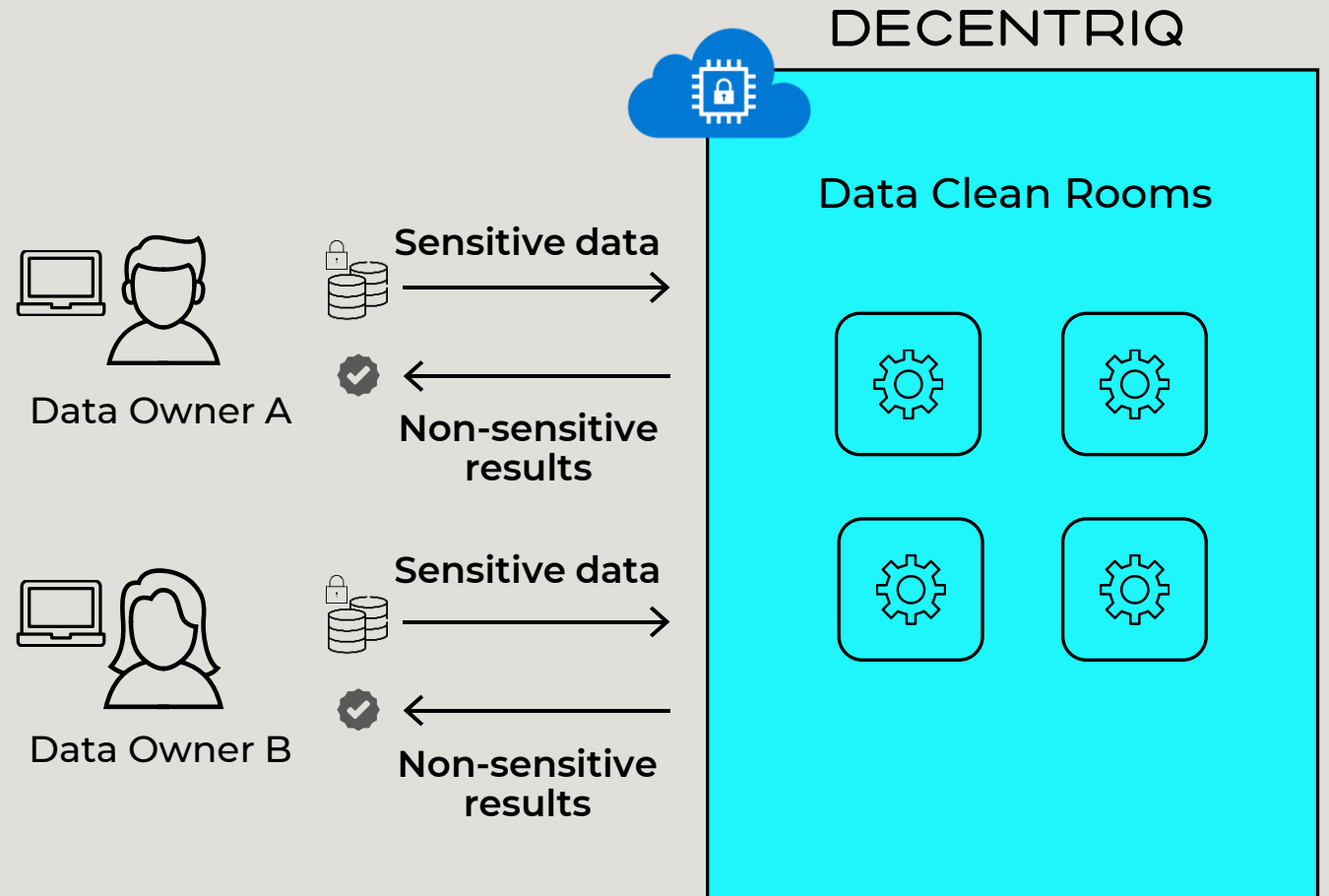
Combine data collaboration with maximum data security

End-to-end encryption guarantee by Confidential Computing

- Decentriq and Microsoft cannot see the raw data

Integrated data control

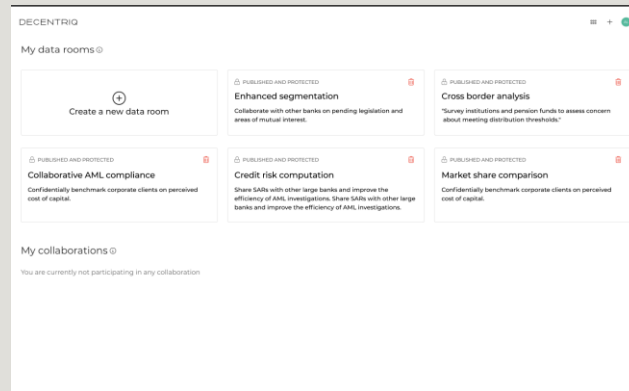
- Comprehensive privacy options give complete control over the information flow of your data
- A single platform to secure, control, and share data with anyone



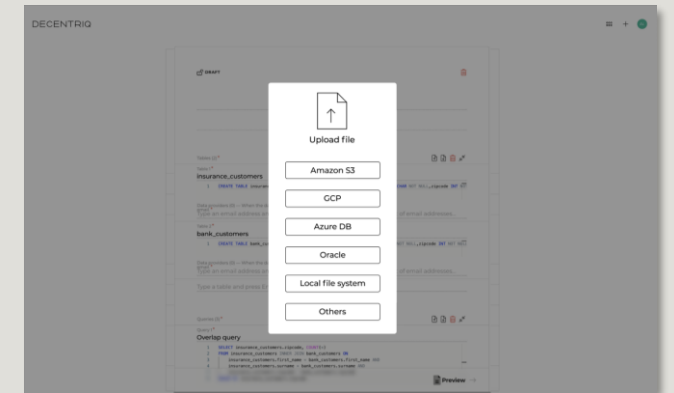
Get your results in just a few minutes

Combine, analyze and share sensitive data with anyone.

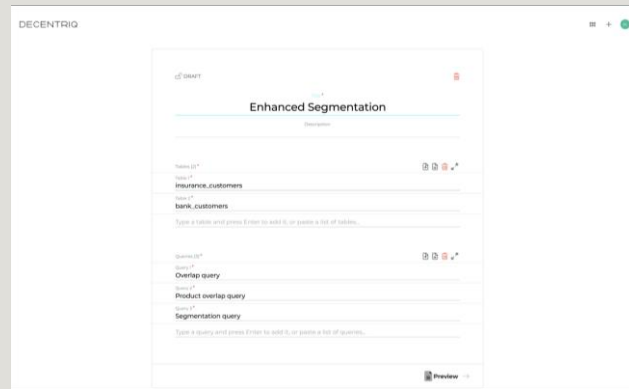
1 Log into Decentriq



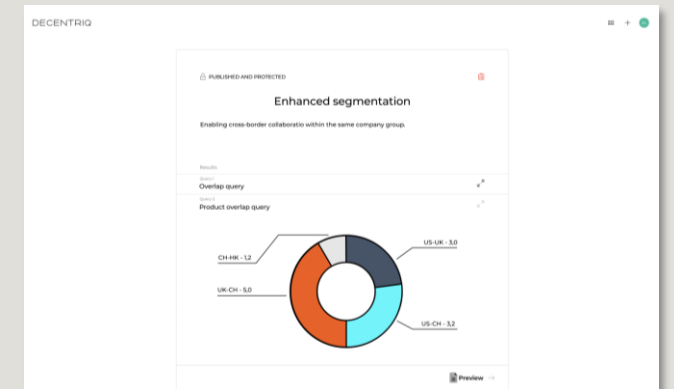
3 Securely connect your data sources



2 Define the data room



4 Run confidential computation and get immediate results



With confidential computing, data privacy is a guarantee – not just a promise.
Only authorized users defined by you have access.

Why Decentriq, why now?



Only Decentriq's platform gives you the data security and privacy guarantees complying with highest international standards, e.g., GDPR, because the data always is encrypted.

Privacy



You remain the sole owner of the encryption keys, and are in full-control of the data and models while benefiting from secure and easy data collaboration.

Control



Decentriq allows you to securely collaborate on data that was previously impossible to use, unlocking new business value.

Value

Don't trust us, trust them

Testimonials from our customers and partners, explaining their view on the importance of the Decentriq platform.



"Our partnership with Decentriq provides an innovative example of how businesses can better embed data protection into their application design and build cross-organizational data ecosystems."



"Decentriq's privacy preserving analytics provide a valuable tool in defending supply chains without compromising on sensitive data or trade secrets."



"Decentriq's confidential analytics platform offers the possibility to work together with other financial partners in a fast and easy way."

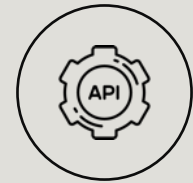


"LynxCare needs to have in place the best-in-class data anonymization techniques, and that is why we are working with Decentriq."

Use Cases



Decentriq can be used as both a
stand-alone tool or an API into
your existing cloud application



Privacy-preserving joint customer analytics

Collaborative CRM data analytics while never exposing any customer data

Business Challenge

Company A wants to combine customer data with Company B but does not want any sensitive data to be exposed.

Impact

Identification of mutual business opportunities and enhanced segmentation driving customer acquisition and up-sell.

Company A CRM Data



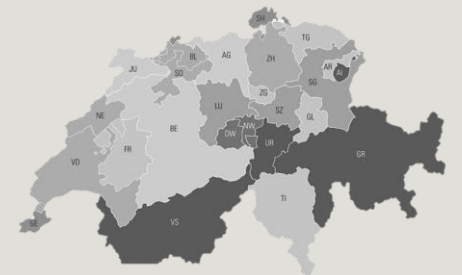
Company B CRM Data



DECENTRIQ



% of overlap per area



Collaborative AML Compliance

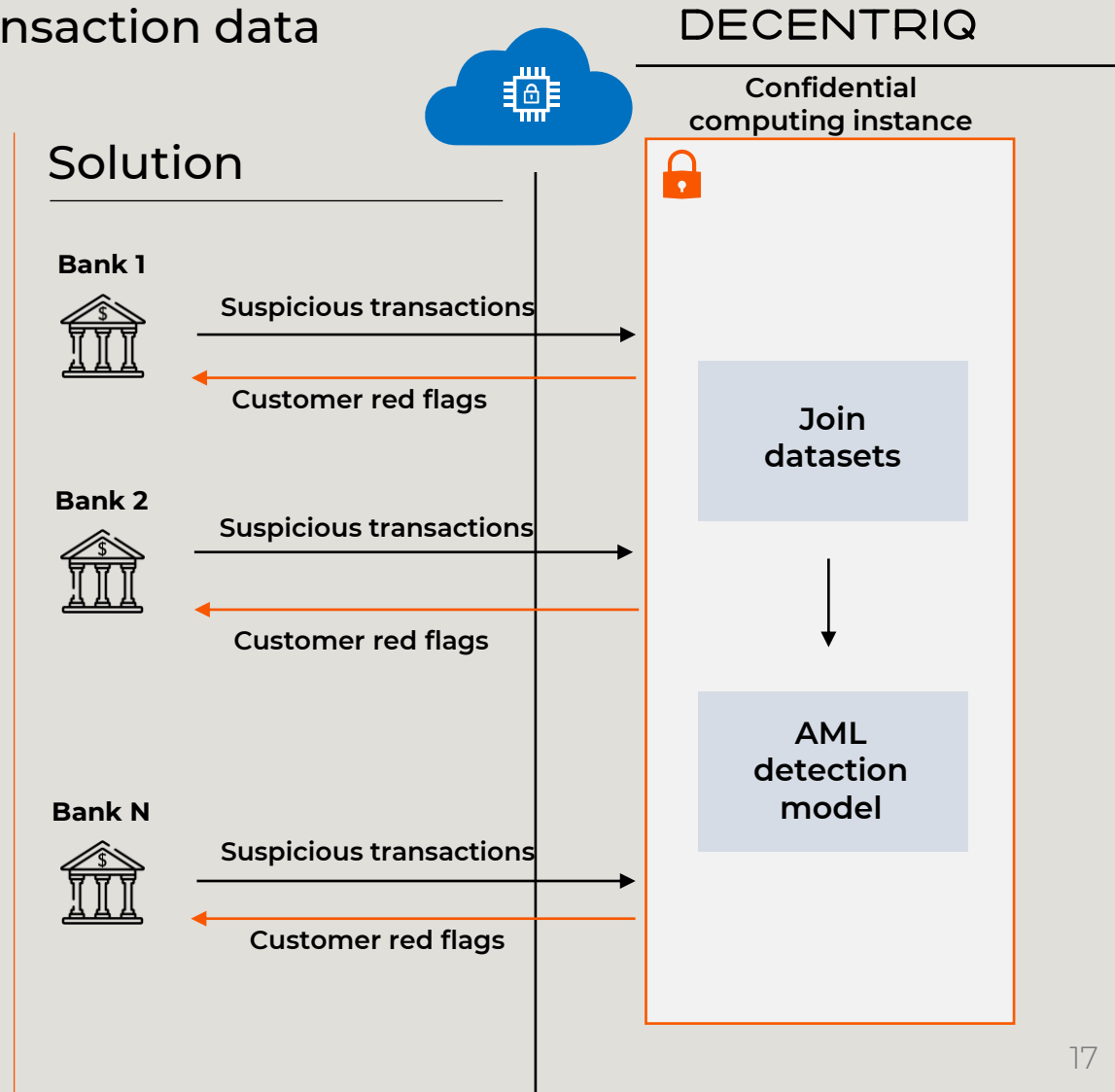
Suspicious transaction detection without exposing transaction data

Business Challenge

- Banks perform costly and inefficient AML activities due to a limited view on the activities of the customers, leading to high false positives rate on preliminary detection (>97%).
- They cannot disclose sensitive information on transactions between them due to bank secrecy.

Impact

- Drastically reduce false positives and costs.
- Significantly improve efficacy of these compliance duties.



Cross-border analytics

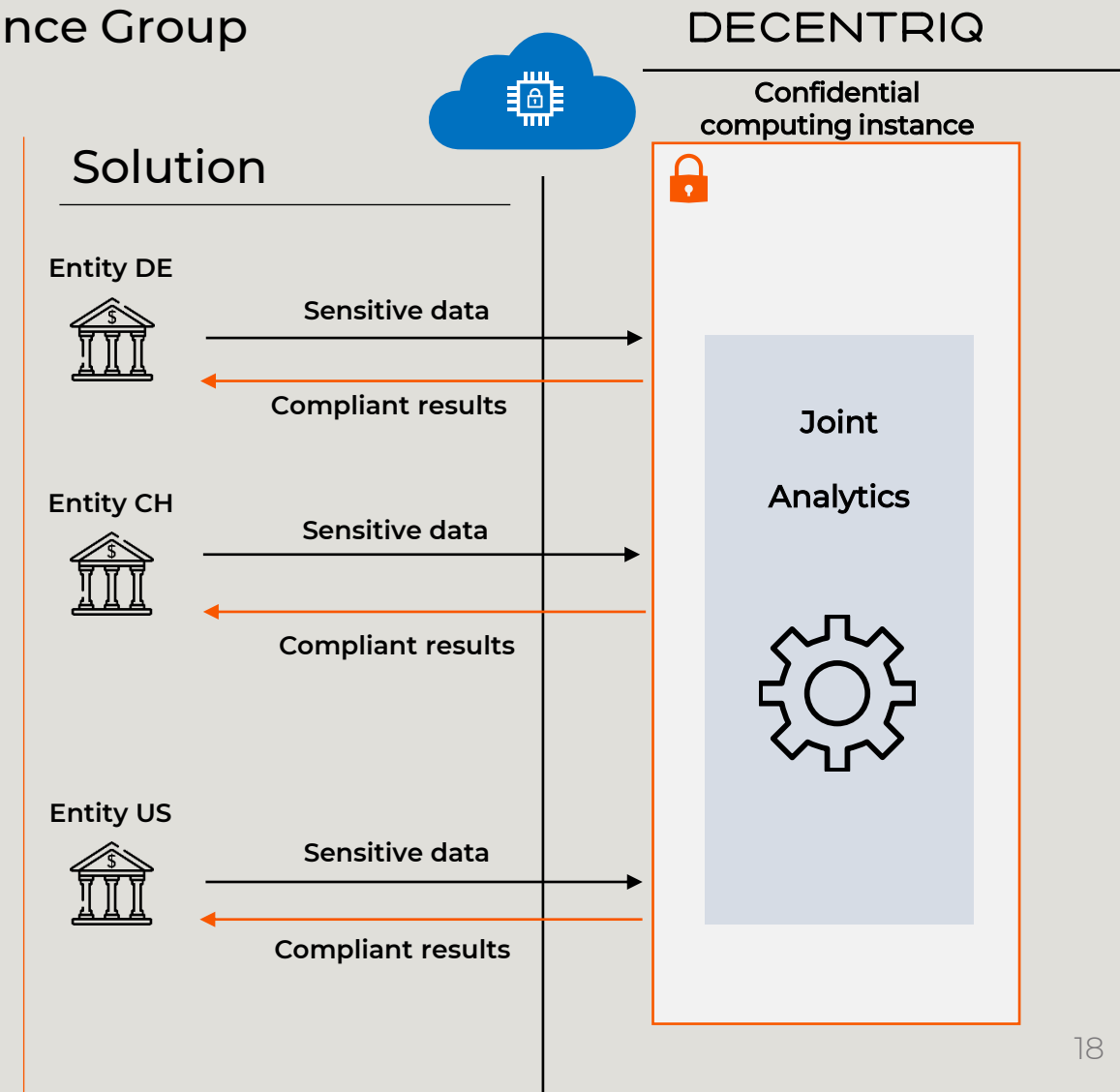
Enabling cross-border collaboration within an Insurance Group

Business Challenge

Insurance Group operating across multiple jurisdictions have difficulties collaborating when it comes to Compliance, Risk or even Commercial activities due to strict cross-border data regulations and privacy concerns.

Impact

Better risk and compliance posture mutually benefitting all participating entities and the group as a whole.



Joining health data for aggregated statistics

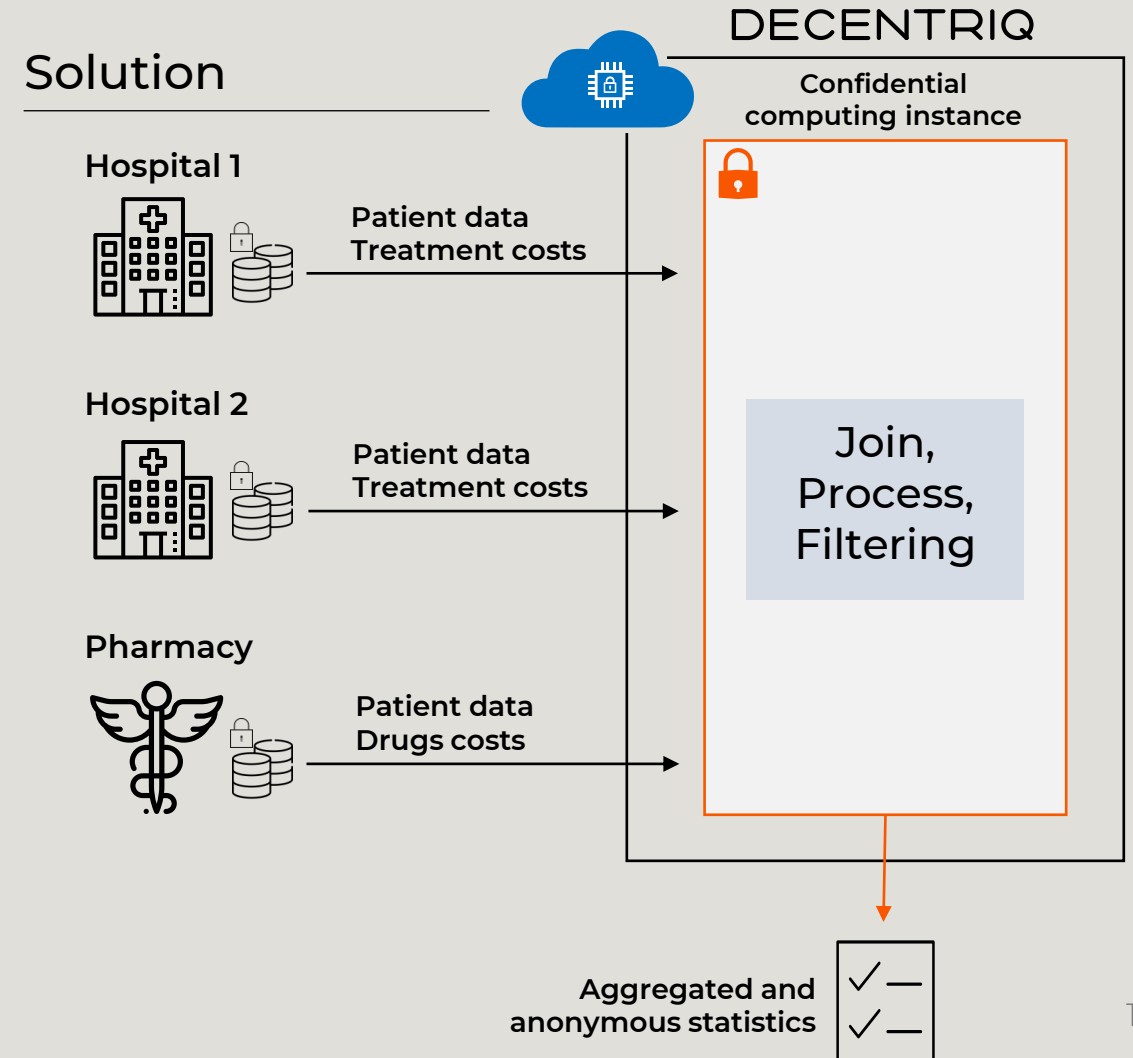
In full respect of health data privacy regulation

Business Challenge

- Patients' health data is distributed across different entities and is highly sensitive, thus it cannot be shared.
- This results in lack of visibility of the whole treatment process, costs and required resources.

Impact

- Government: Detailed cost estimation and budgeting of the whole NHS, more efficient allocation of resources
- Hospitals: Better allocation of resources, performance-linked incentives, benchmarking
- Patients: more effective treatment process



Next steps



Next Steps

01

Identify

Identify a high value use case

02

Prove

Prove the business value with a real world POC

03

Refine

Extend and refine the requirements for production deployment

04

Implement

Develop and deploy solution

Decentriq

hello@decentriq.com

decentriq.com

confidentialcomputing.cloud