Multi-Owner data Sharing for Analytics and Integration respecting Confidentiality and Owner control

Fact Sheet

Project Information

MOSAICrOWN
Grant agreement ID: 825333

Funded under
H2020-EU.2.1.1.

Overall budget
€ 3 203 750

EU contribution
€ 3 203 750

Coordinated by
UNIVERSITA DEGLI STUDI DI MILANO
Italy

Project description

Protecting privacy when sharing data

The continuous evolution of ICT is enabling the realisation of architectures that support collaborative data sharing and analytics, providing great benefits from the personal to the business, research, and social domains. However, private and public institutions need ways to share data without compromising sensitive personal information. The EU-funded MOSAICrOWN project will enable data sharing and collaborative analytics in multi-owner scenarios in a privacy-preserving way, ensuring proper protection of private, sensitive and confidential information. The goal is to provide agile, deployable solutions allowing data owners to have control of the data.
data sharing process by enabling selective and sanitised disclosure. The related
advances will fully unlock efficient and privacy-aware collaborative computations.

**Objective**

The application of data analysis techniques over large data collections provides great
benefits, from the personal, to the business, research, and social domain. The
availability of large data collections recording actions and choices of individuals and
organisations can lead to great improvement in the understanding of how the world
operates. The continuous evolution of ICT is enabling the realisation of such vision at
a fast pace, supporting the realisation of architectures enabling collaborative data
sharing and analytics. A clear obstacle towards the realisation of such potential and
vision is represented by security and privacy concerns. Indeed, the (actual or
perceived) loss of control over data and potential compromise of their confidentiality
can have a strong detrimental impact on the realisation of an open framework for
enabling the sharing of data from multiple independent data owners. The goal of
MOSAICrOWN is to enable data sharing and collaborative analytics in multi-owner
scenarios in a privacy-preserving way, ensuring proper protection of
private/sensitive/confidential information. MOSAICrOWN will provide effective and
deployable solutions allowing data owners to maintain control on the data sharing
process, enabling selective and sanitised disclosure providing for efficient and
scalable privacy-aware collaborative computations. MOSAICrOWN Consortium sees
the participation of major industry players, providing strategic use cases with strong
exploitation and impact, and of an SME supporting deployment and standardisation.

**Fields of science**

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**Programme(s)**

**Topic(s)**

**Call for proposal**

H2020-ICT-2018-2

**Funding Scheme**
**Coordinators**

UNIVERSITA DEGLI STUDI DI MILANO

Address: Via Festa Del Perdono 7, 20122 Milano, Italy

Activity type: Higher or Secondary Education Establishments

EU contribution: € 700 000

Website

Contact the organisation

**Participants (5)**

EMC INFORMATION SYSTEMS INTERNATIONAL

Ireland

EU contribution: € 456 250

Address: Ida Industrial Site, P31 Ovens

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Website

Contact the organisation

MASTERCARD EUROPE

Belgium

EU contribution: € 500 000

Address: Chaussee De Tervuren 198A, 1410 Waterloo

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Website

Contact the organisation

SAP SE

Germany

EU contribution: € 546 875
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**Website** Contact the organisation

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**Last update:** 15 February 2019  
**Record number:** 220256

**Permalink:** https://cordis.europa.eu/project/id/825333

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