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 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**

**Programme(s)**

**Topic(s)**

**Call for proposal**

H2020-ICT-2018-2

**Funding Scheme**
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)
Contact the organisation

SAP SE
Germany
EU contribution
€ 546 875
Address
Dietmar Hopp Allee 16
Activity type
Private for-profit entities
<table>
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<tr>
<td>Via Salvecchio 19 24129 Bergamo</td>
<td>Route Des Lucioles 2004 Sophia Antipolis 06410 Biot</td>
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