Federation-as-a-Service

A new and innovative cloud federation solution that enables dynamic, secure creation and management of cloud federations.

Key Faas functionalities:
- Innovative cloud federation governance supporting trustless coalitions
- Dynamic federation of clouds and their services with service level & optimal workload
- Advanced, innovative privacy-preserving services enforcing access control and monitoring

Federation Administration
Automated creation and management of underlying tenants. Administrative console for the management and visualisation of SLA and security alerts.

Data Security
An attribute-based access control systems with distributed enforcement points transparently connecting data transformation services.

Data Transformation Services
A set of privacy preserving services dealing with storage, release and computation of sensitive data.

Federation Monitoring
Distributed monitoring infrastructure for data security. Offline auditing to detect anomalies and vulnerabilities.

Blockchain-empowered Federation Registry
SUNFISH fosters a principled first-time exploitation of blockchain technology for realising the federation Registry.

Project Partners
- A-Sit (Austria)
- Cybernetica (Estonia)
- IBM Haifa (Israel)
- Malta Information Technology Agency (Malta)
- Ministry of Economy and Finance (Italy)
- Ministry of Finance (Malta)
- PricewaterhouseCoopers (Italy)
- South East Regional Organised Crime Unit (UK)
- Technische Universität Graz (Austria)
- University of Roma La Sapienza (Italy)
- University of Southampton (UK)

Contact Us
http://www.sunfishproject.eu/
@SUNFISH_Project

Project Coordinator
Francesco Paolo Schiavo
francescopaolo.schiavo@mef.gov.it

Scientific Leader
Professor Vladimir Sassone
vsassone@soton.ac.uk

Technical Leader
Luca Nicoletti
lnicoletti@sogele.it