
Introducing the MIT Kerberos & Internet Trust Consortium

2013 MIT-KIT Conference

MIT Media Lab

7 October 2013

Mission

“Provide equitable access to personal data through open source software”



“Equitable Access”

- Let people get equal access to their own data
 - Data generated by mobile devices, home appliances, cars, Tweets, posts, etc.
 - Transparency (cf. data held by third parties)
- Let people control & share their data
 - Help them understand & manage Consent
- Give people tools, applications & systems
 - Open-source, standards-based, easy to use
 - With strong privacy & security
 - Log, Audit and Accounting

Mission Statement

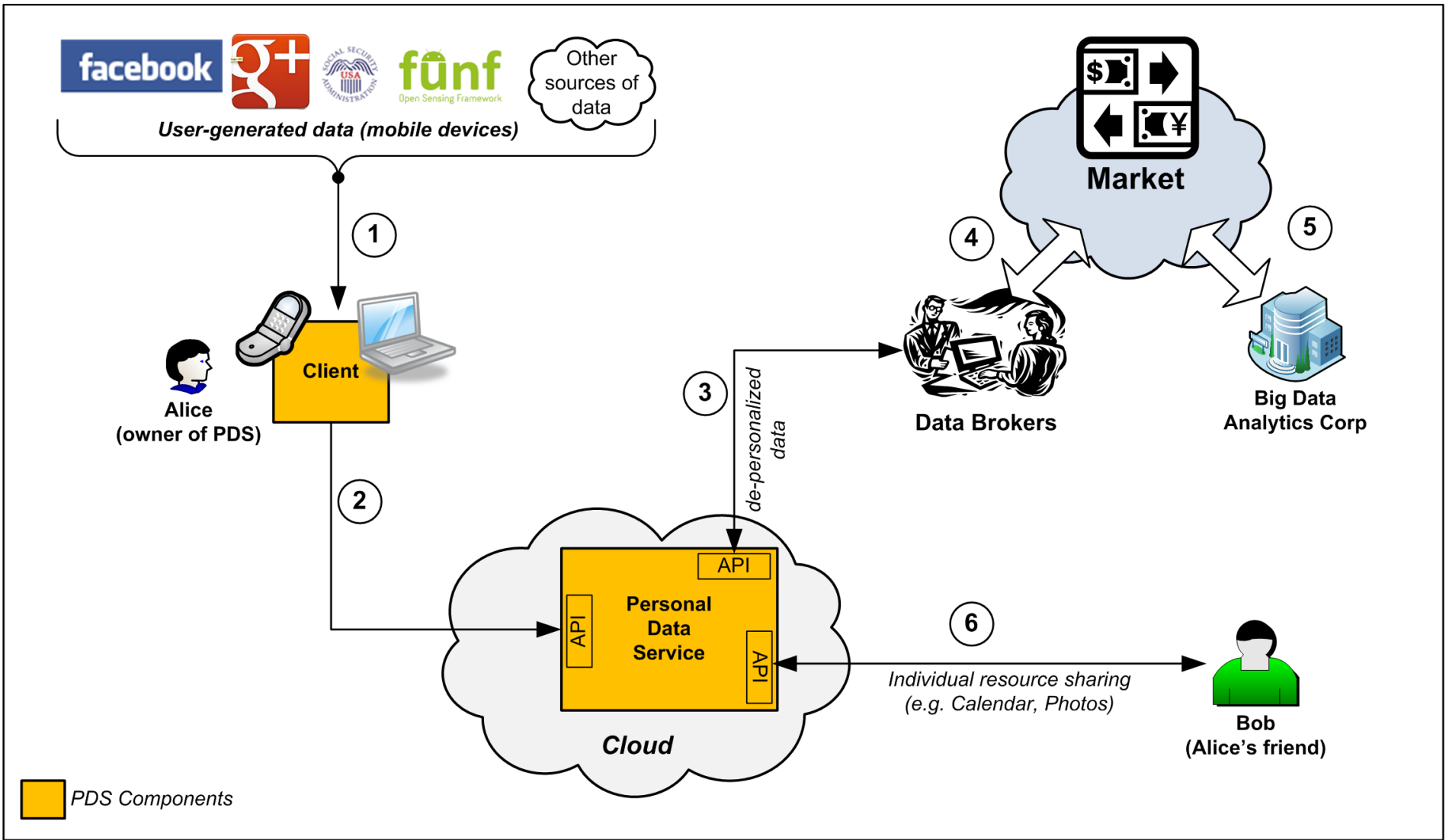
“The Mission of the MIT-KIT is to develop the basic building blocks for the Internet's emerging personal data ecosystem in which people, organizations, and computers can manage access to their data more efficiently and equitably.”

Personal Data Service: Definition

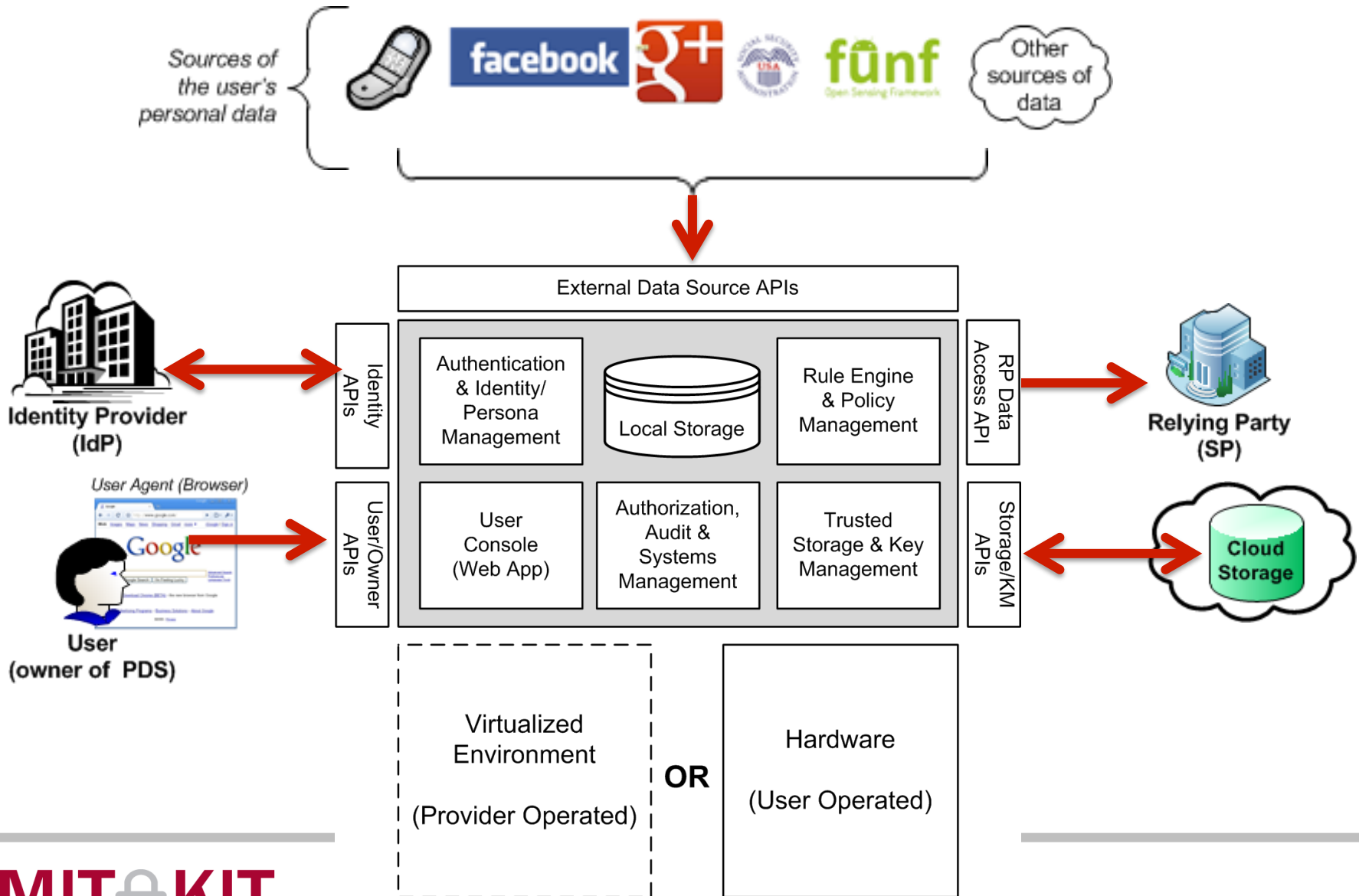
A dynamic personal data service that has compute capability, portable, secure & easy to use.

- Captures & retains data from user's devices
- Privacy-preserving, secure & owned legally
- Supports distributed & heterogeneous models
- Portable: moveable from one provider to another
- Exposes APIs for queries (privacy-preserving)

High Level View



Technical Vision



MIT-KIT Deliverables

- Components
 - Software – modular, open source under MIT License
 - New protocols and architectures
 - Specifications & standards
- Community
 - Engage Faculty and Researchers at MIT & elsewhere
 - Develop community of open source coders/engineers
 - Interoperability testing & maintenance
- Creativity
 - New approaches, new algorithms, new solutions
 - Thought leadership & industry influence

Criteria for Project Selection

- Supports the Mission
 - Implements a component or service
- Standardize-able
 - RFC status, or near RFC
- Modular
 - Components can be used for other use-cases
- Open source-able
 - Unencumbered by IP (cf. IETF as gating process)
- Support from members and/or customers

MIT-KIT Consortium: History & Purpose

- Continuation & expansion on work done in MIT Kerberos Consortium (2007-2012)
- New focus on Personal Data Ecosystem
 - Address broader areas of Identity, Privacy, Consent Management, Authorization and Equitable Access
 - Provide leadership, common ground and harmonization of current disparate solutions
 - Deliver reference open-source code with high degree of interoperability
 - Continue the MIT tradition of leadership & giving back to the world community
 - Dedicate efforts to relevant Standards bodies

Contact Information



The MIT Kerberos & Internet Trust (KIT)
Consortium

77 Massachusetts Avenue

W92-152

Cambridge, MA 02139 USA

kit.mit.edu



Thomas Hardjono, PhD.

Technical Lead & Executive Director

Email: hardjono@mit.edu

Mobile: +1 781 729 9559

Twitter: [@FindThomas](https://twitter.com/FindThomas)

Web: kit.mit.edu

