



Data Privacy and Security for the Cloud

PaaSword

Vision

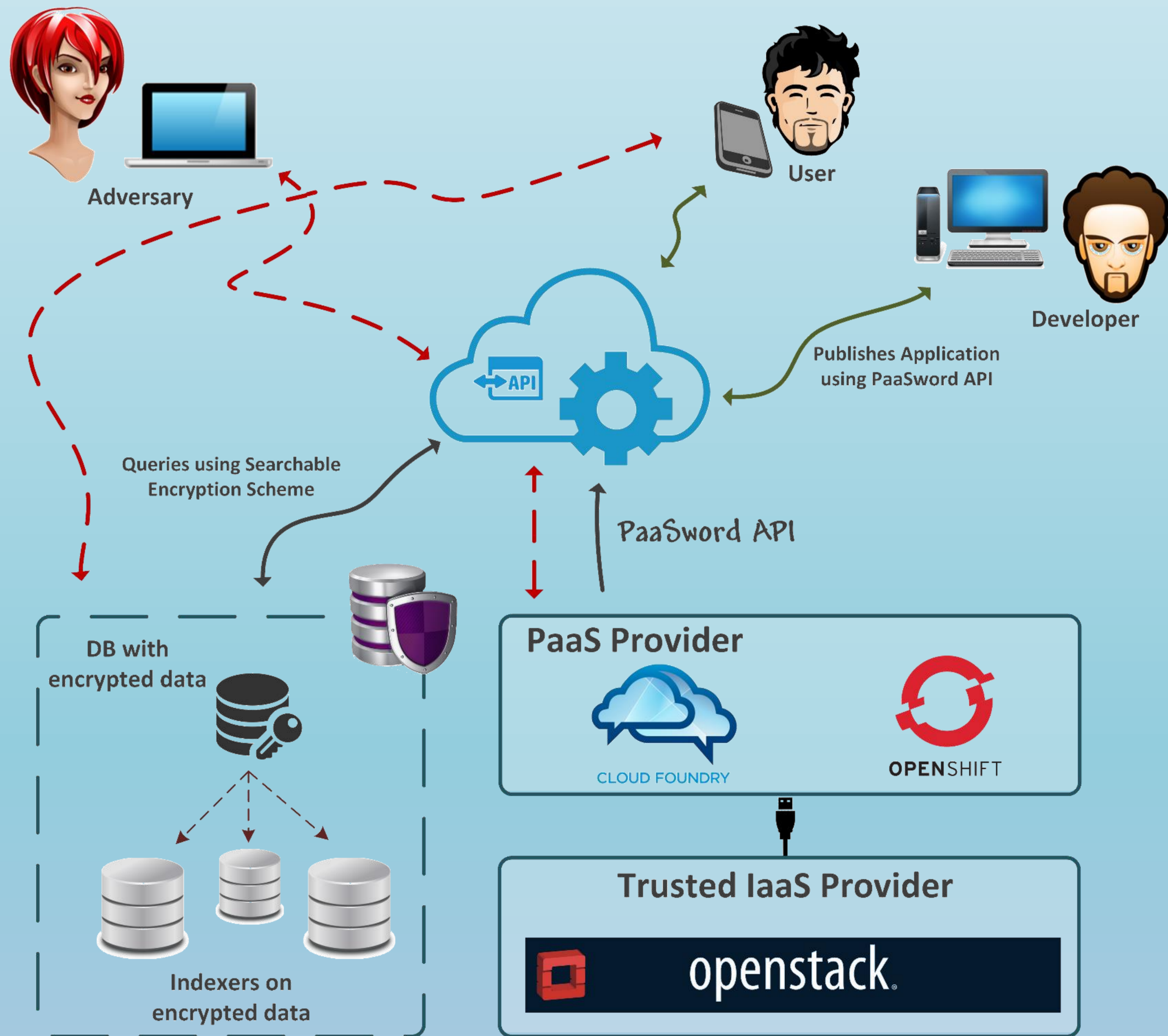
- Enhance **trust** of individuals and professionals in the Cloud.
- Protect **sensitive data** stored on Cloud infrastructures and Cloud-based storage services.
- Accelerate the **adoption** of Cloud computing.

Objectives

- Leverage **security** and **trust** of Cloud infrastructures and services.
- Ensure **protection, privacy** and **integrity** of the data stored in the Cloud.
- Design and implement a **Searchable Encryption Scheme** for **secure queries**.
- Prove **applicability, usability, effectiveness** and **value** of the PaaSword concept in industrial, real-life services and applications.

Community

- Services Industry
 - PaaS Provider
 - IoT Deployer
 - CRM/ERP Application Provider
- Public Sector
 - G2G/G2C Application Provider



Results

- PaaSword framework
- Reference architecture
- Policy access & context-aware security models
- Policy enforcement middleware & IDE plug-in
- PaaSword demonstrators

Consortium

Industrial partners



Scientific partners



Contact:
antonis@sics.se
efi@sics.se



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