Security Architecture for the Smart Home

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Definition of Smart Home
Smart Home is not home automation!
Everything connected
Simplified Architecture

- Apps
- Cloud Platform
- Home Gateway
- Devices
Communication inside the Home

- Apps
- Software Platform
- Home Gateway
- Devices
The Home Gateway

- Apps
- Cloud Platform
- Home Gateway
- Devices
Cloud Communication

- Apps
- Cloud Platform
- Home Gateway
- Devices
Data Collection and Storage

- Apps
- Cloud Platform
- Home Gateway
- Devices
Public Web Interfaces

- Apps
- Cloud Platform
- Home Gateway
- Devices
Total Transparency for all industries
Protect the privacy of mankind!
Your data belongs to YOU!
Your privacy belongs to YOU!
Decouple Data from Person
encrypt/decrypt relation between User and Data points
Your data belongs to YOU!
Your privacy belongs to YOU!