Trusted Cloud & IoT

Empowering IoT data owners

We provide a data usage control middleware for empowering the users to share information between IoT and the Cloud. This provides Attribute Based Access Control (ABAC) to IoT platforms.

It is predicted that by 2020 there will exist 20 billion connected devices including multiple types of sensors and actuators such as contact sensors, usage meters, or cameras.

Trusted Cloud & IoT is a configurable and flexible middleware for managing in a secure and safe manner all phases of data production, storage, and exploitation in a cross-platform based on Cloud, Mobile and IoT devices.

A console is offered to provide configuration to access policies to IoT and mobile devices. These policies can be designed at any level of complexity and granularity and are based on mutable attributes. Thus, access conditions can represent situations that map to complex and dynamic contexts.
### Competitive Advantages
- Product for seamless and flexible data control, from collection/acquisition time, and analysis (in the cloud) and back
- Flexible and expressive policy definition
- Management of encrypted content
- Context-based dynamic enforcement
- Know-how and expertise of the industry leading EIT Digital partners

### Target Markets
- Smart home application and service providers
- E-health monitoring application providers
- Automotive management of personal data
- Industry 4.0

### Status and Traction
- With partners: CNR: Consiglio Nazionale delle Ricerche, BT: British Telecommunications, Huawei, Security Reply

### Road Map
<table>
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<th>Year</th>
<th>Activity</th>
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| 2018 | Start-up launch  
Product development and integration |
| 2019 | Initial product sales and configuration of use cases for customers related to a specific segment |
| 2020 | Extension of support to additional customer segments to increase the potential customer set |

### Connect
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**Trusted Cloud & IoT is an innovation activity proudly supported by EIT Digital.**