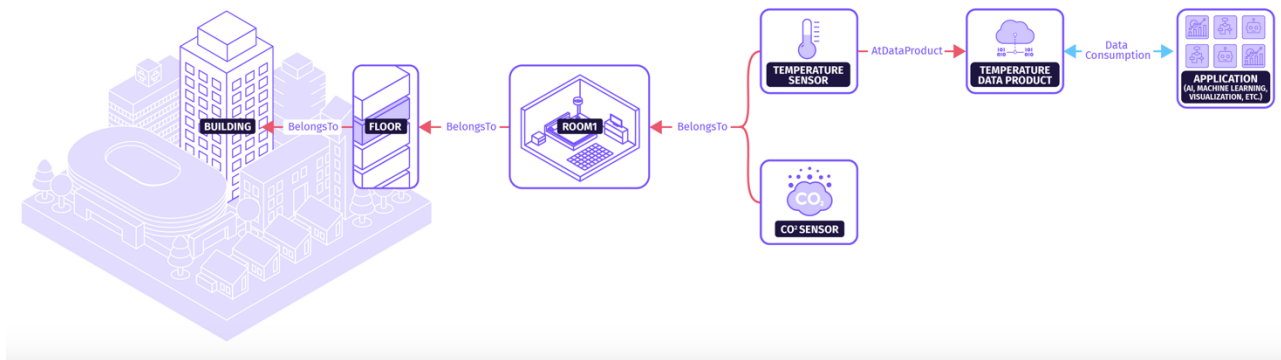


## Platform of Trust for developers

### We provide self-service tools for the data value stream creation.

Platform of Trust provides developer tools to integrate any API driven data source system often within 60 minutes with help of connector component. You can utilize our expanding set of open source connector components or build it yourself. We provide code examples with modularized architecture and getting started guide.



### Examples of systems supported out of the box:

- Haltian
- Nuuka Solutions
- Siemens Mindsphere
- AccuWeather
- Hubspot
- Siemens Navigator
- Fidelix
- Wapice IoT Ticket
- Schneider Ecostruxure Cloud
- Schneider Ecostruxure on premises
- SignSpace

Once the data source connection is established, you can construct data products from the data stream. The resulting data products are easy to consume data streams with harmonized data payload. Data product content can be for example temperature, humidity and carbon dioxide, security, occupancy and noise IoT data from buildings. The data payload can be current values, history values or prediction values.

### Easy to consume harmonized data via productized API

Building a simple application on top the harmonized data streams can be done in less than 15 minutes. Sample application code is naturally provided by Platform of Trust.

This is possible because application developers are built on top the data products. With data products developer never again needs to adopt to multiple data schemas – data has the same

schema regardless of the data source system. Streaming subscribe driven APIs are part of the version 2 architecture. Utilizing data coming from various source system for example in AI solutions, machine learning, consumer applications and process automation has never been easier and faster.

### **Open Sandbox environment for experimenting and learning**

Platform of Trust provides free self-service sandbox environment for learning, experimenting and building proof of concepts for your purposes. Sandbox contains the same features and APIs as production environment, but with lower SLA.

### **Productized APIs and API client support**

Platform of Trust is built on top of productized APIs. Great developer experience is the corner stone of our APIs. Our mission is to support your workflow and enable low learning curve by providing comprehensive guides, accurate API documentation in unified format and tested code examples in multiple programming languages.

APIs:

Product API (CRUD) data product management

Broker API for data product consumption

ACL API (CRUD) for managing access control lists

- Context API to access harmonized data models and ontology
- Application API (CRUD) for register and manage your applications
- Identity API (CRUD) for managing identities and digital twins

We have API client support for Insomnia available already and Postman collection is coming during 2020.

### **Digital Twins management**

Platform of Trust can provide the creation of a complete building from BIM model as a Service for developers with a ready-made tool. Identity API offers more refined method to Create the "digital twins" of buildings, floors, rooms, IoT sensors and link the entities together. Buildings, floors, and rooms can also be linked to digital representations of real-world people as their inhabitants and owners.

### **Check platform status and support**

We monitor APIs automatically and react to any hiccups with APIs swiftly. In case you find problems in your application while consuming data via Platform of Trust, you can check statuses of our APIs from [status.oftrust.net](https://status.oftrust.net) 24/7 and see if some of the APIs are misbehaving. You can find our codes in Github and get responses for your questions in Stack Overflow.

### **Developer Portal**

Our Developer Portal is self-service oriented one stop shop for all your needs. From there you find expanding set of getting started guides, API profiles, information about growing self-service toolkit, news, subscribe to technical letter and provide feedback.

This is the place to start, head over to [developer.oftrust.net](https://developer.oftrust.net) and get started! Build new application on top the data products in 15 minutes or integrate new data source system in less than 60 minutes.