

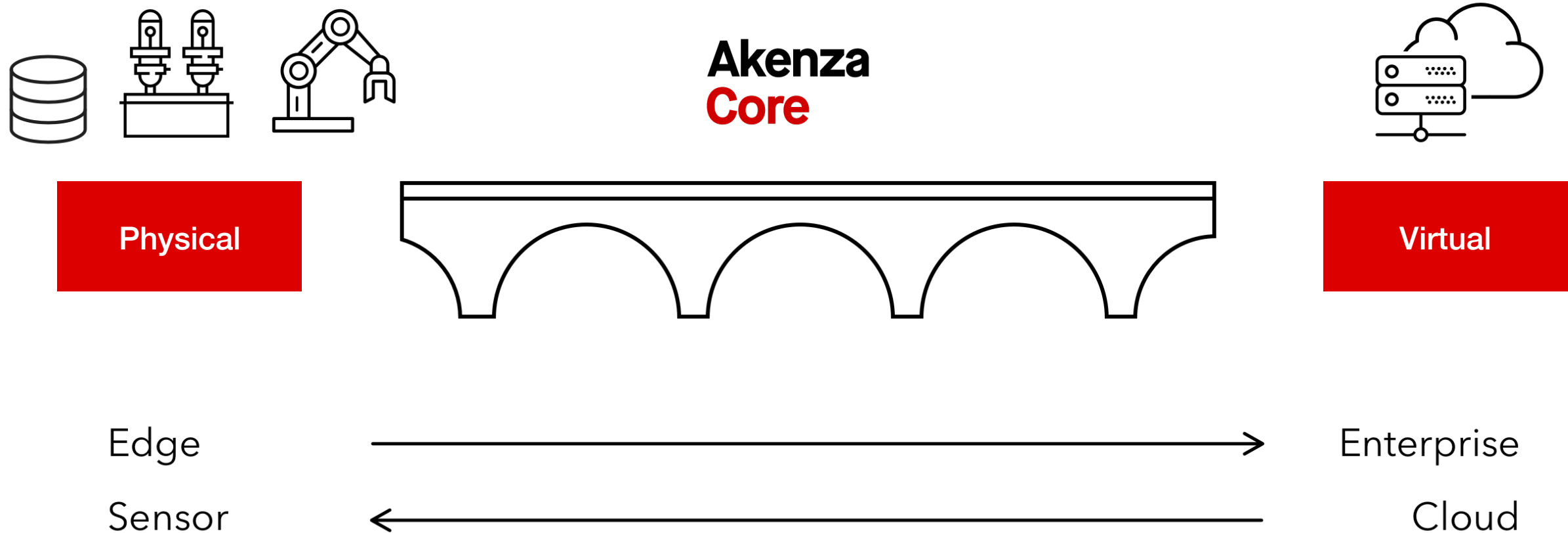


# Akenza<sup>TM</sup>

IoT made simple

**Akenza** is an easy-to-use agnostic Enterprise **IoT** System designed to help companies and cities build real-time connected solutions.

# Where can we help?

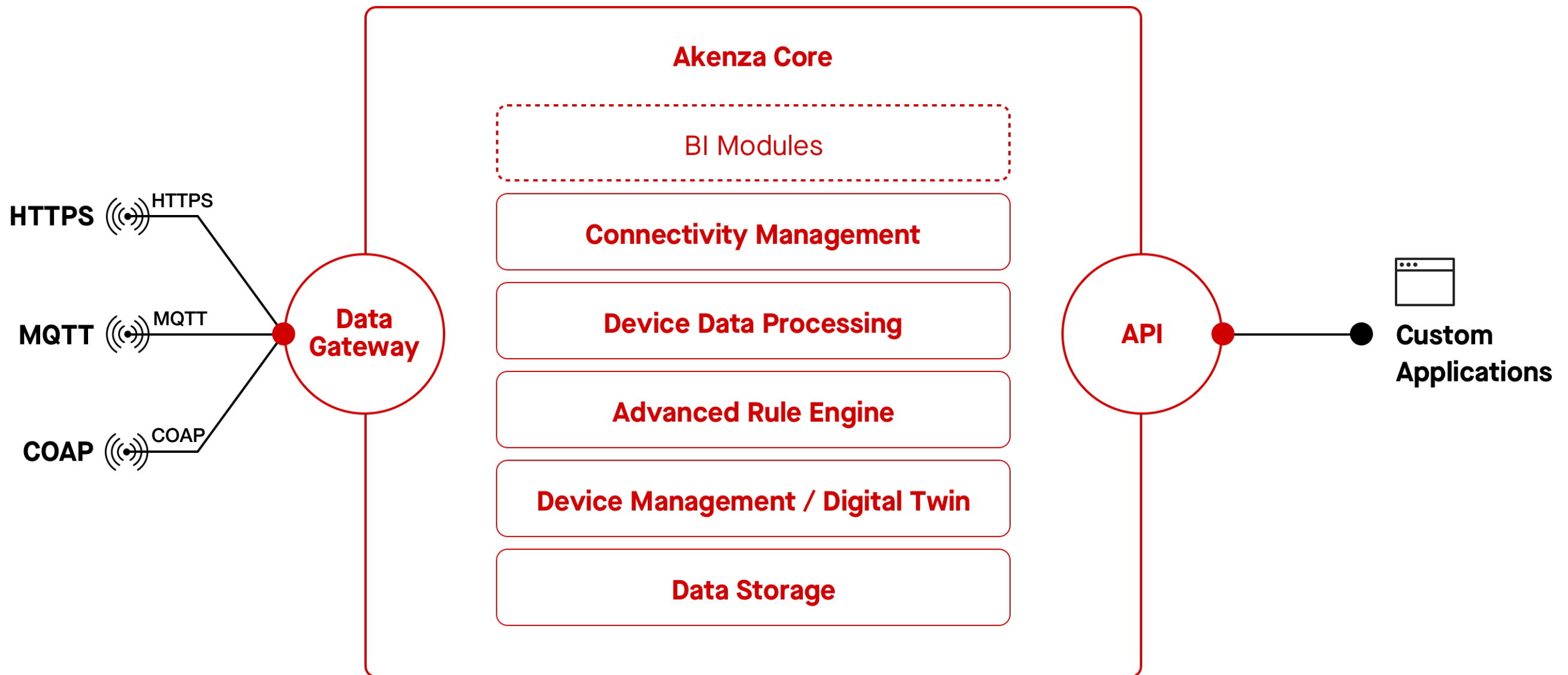


Akenza connects different, often complex and already existing programs that were not originally designed to be connected. The essence of the Internet of Things is making it possible for just about anything (any Thing) to be connected and to communicate data over a network. **Akenza's architecture enables connectivity for huge numbers of diverse Things by providing a connectivity layer for sensors and also for the application layers** that provide services that ensure effective communications among software.



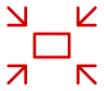
# Because IoT can be simple.

# Akenza Core



# Because IoT can be simple.

# Akenza Core



## Unified Connectivity Experience

IoT-Infrastructure service that unifies your connectivity portfolio. Customers easily manage their IoT connectivity e.g. SIM, eUICC and their subscription plan and bind, register and deregister devices on the network. Storing device data and orchestrating event driven actions can all be configured in one place. The billing integration allows the operator to setup his own PAYG model.



## Open & Flexible

The Akenza Core allows you to realise innovative business models in the Internet of Things and cross-domain applications. Consistent and systematic access to devices makes connectivity through NB-IoT, 5G, LTE/4G, 3G/2G, LoRaWAN (LPWAN), SigFox and other connectivity truly simple. Our users can focus on IoT application development that adds value, rather than developing their own solution.



## Cost Effective

Designed to decrease time to market with carrier management, payload parsing and rule engine so you can focus on the last mile of your IoT application. Enhanced debugging mechanism allows you to inspect data in realtime and access in-depth logs.



## Scalability & Security

As a leading provider in IoT, we are committed to deliver state of the art security protection with the highest regard to privacy. Integration to your own IT system (e.g.: Salesforce, SAP, Microsoft Azure) is possible due to open APIs, enabling seamless integration of other platforms and services as well as hosting in various cloud environments.

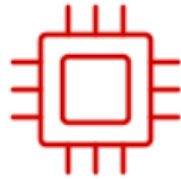


**Because IoT can be simple.**

**Akenza**  
**Core**



**5min Setup  
Time**



**100+  
Sensors  
Plug & Play**



**80% faster  
Development  
Time**



**10 native  
Operator  
Integrations**



# Agnostic Connectivity Manager



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Core

vikram.io

Environment

Domains

Device Types

Inventory

Device Groups

Rule Types

Rules

Integrations

API Keys


Profile

Help | Logout

Logged in as: michael@akenza.com

Integrations


CONNECTED INTEGRATIONSAVAILABLE INTEGRATIONS



Swisscom CMP Mobile

Incorporate your cellular IoT SIM cards from the Swisscom Connectivity Management Platform (CMP). Swisscom IoT connectivity offers 99.9% network coverage in Switzerland and more than 650 roaming partners worldwide. Visit the Swisscom Enterprise IoT [website](#) for more information.


CONNECT



Swisscom CMP LPN

Swisscom offers the only nationwide network for IoT in Switzerland: the Low Power Network (LPN). Incorporate your LoRa devices from the Swisscom Connectivity Management Platform (CMP) for LPN. Visit the Swisscom Enterprise IoT [website](#) for more information.


CONNECT



Loriot LoRa

LORIIOT.io services and software enable you to operate large scale Internet of Things (IoT) networks based on the LoRaWAN type. Visit [their Website](#) for more information.


CONNECT



Sigfox

HELIOT is the exclusive Sigfox Operator in Switzerland. Sigfox provides the only global 0G network dedicated to low-power IoT devices. Low-cost, simple-to-use and no-borders. Please visit [their website](#) for more information.


CONNECT



The Things Network LoRa

The Things Network is building a network for the Internet of Things by creating abundant data connectivity, so applications and businesses can flourish. Visit [their Website](#) for more information.


CONNECT



T-Mobile Austria CMP

Our NB-IoT network operates on a dedicated guard band of existing networks, so it can efficiently carry data without competing against other network traffic. It's an excellent solution for smart buildings, connected cities, asset tracking, and more.

CONNECT



KPN

Machine-to-machine (M2M) connectivity enables your business resources to communicate with other resources, people and your IT infrastructure. Thanks to our roaming contracts with other global telecoms providers, you can be sure that you'll get the best price and best coverage worldwide for your M2M connectivity.

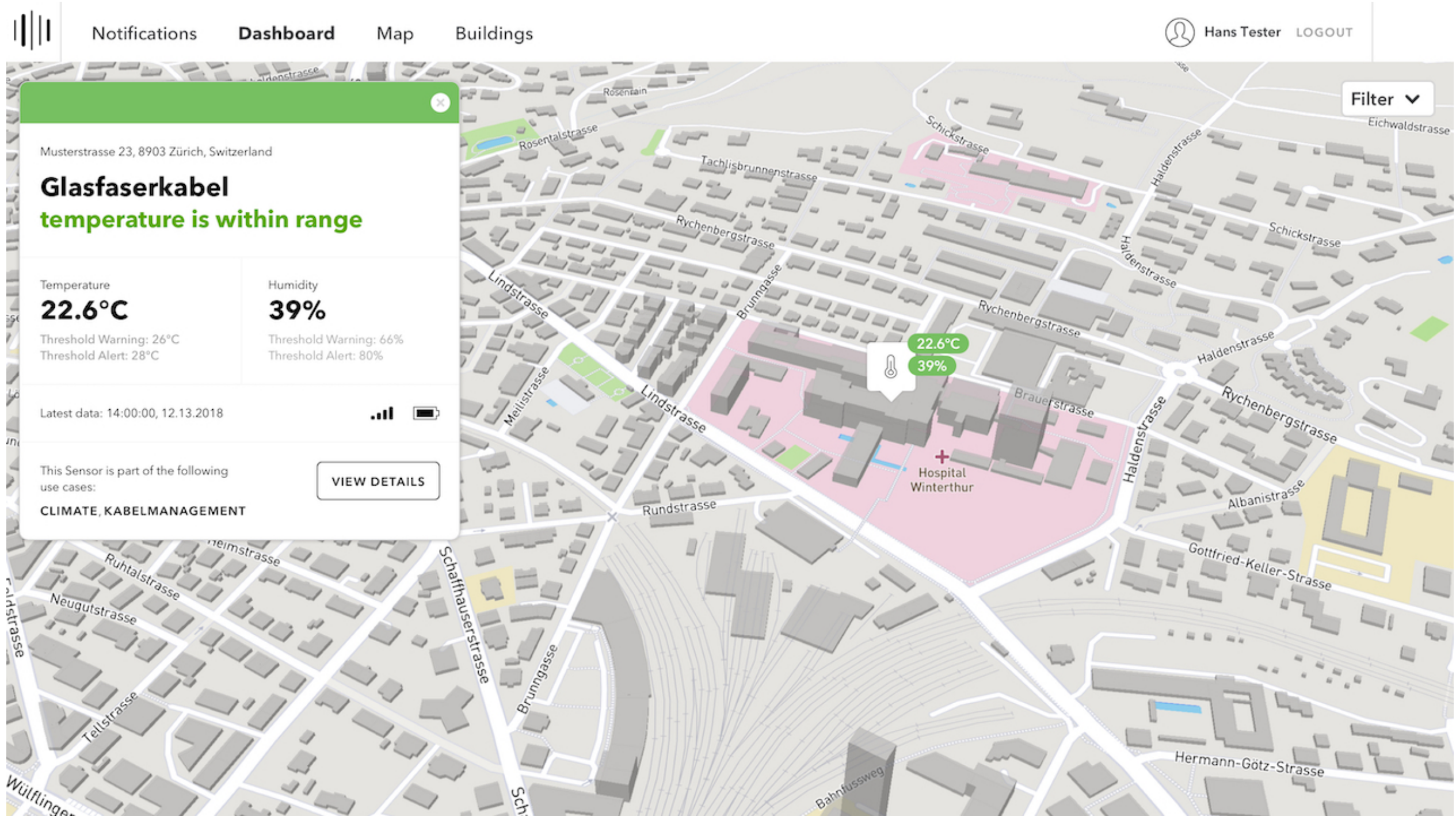
CONNECT



# Smart City Dashboard

Your starting point for developing smart use-cases.

**Akenza**  
**Core**



# Smart Facility - Digital Twin

Interactive Digital Twin of your Facility.

CLOSE

Climate Digital Transformation Office

Temperature <b>23.9°C</b>	CO2 <b>766ppm</b>
Humidity <b>58%</b>	Pressure <b>977.4hPa</b>
Noise <b>39.5dB</b>	

Latest data: 12:01:38, 29.08.2019

This Sensor is part of the following use cases:  
ROOM CLIMATE

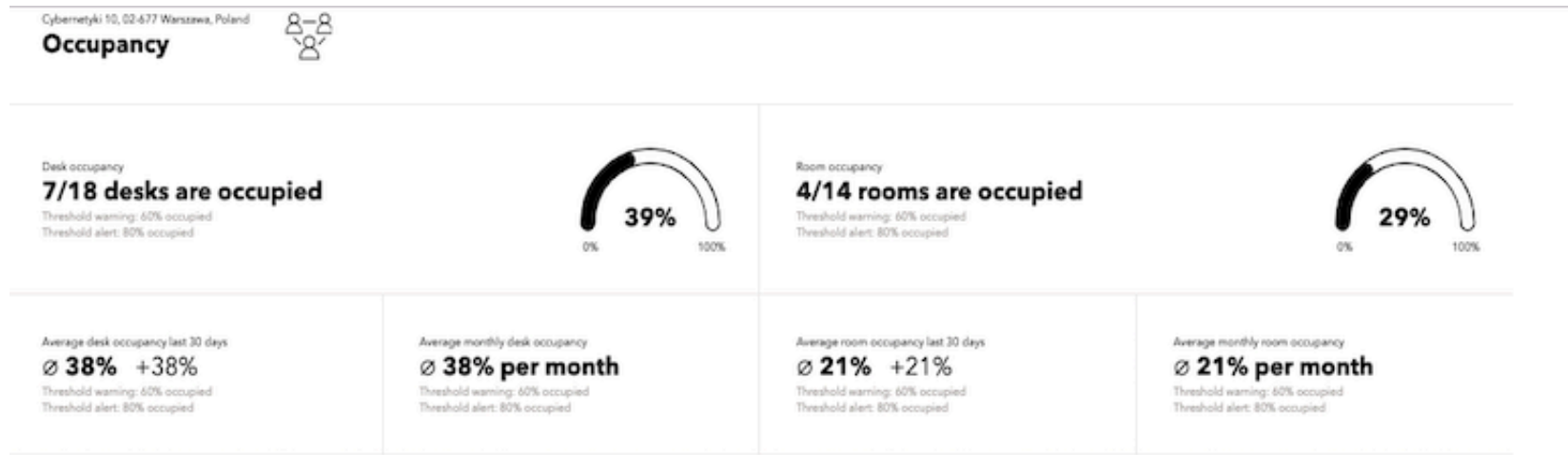
VIEW DETAILS





# BI-Module: Occupancy

Room-, Desk- & Parking Occupancy Monitoring

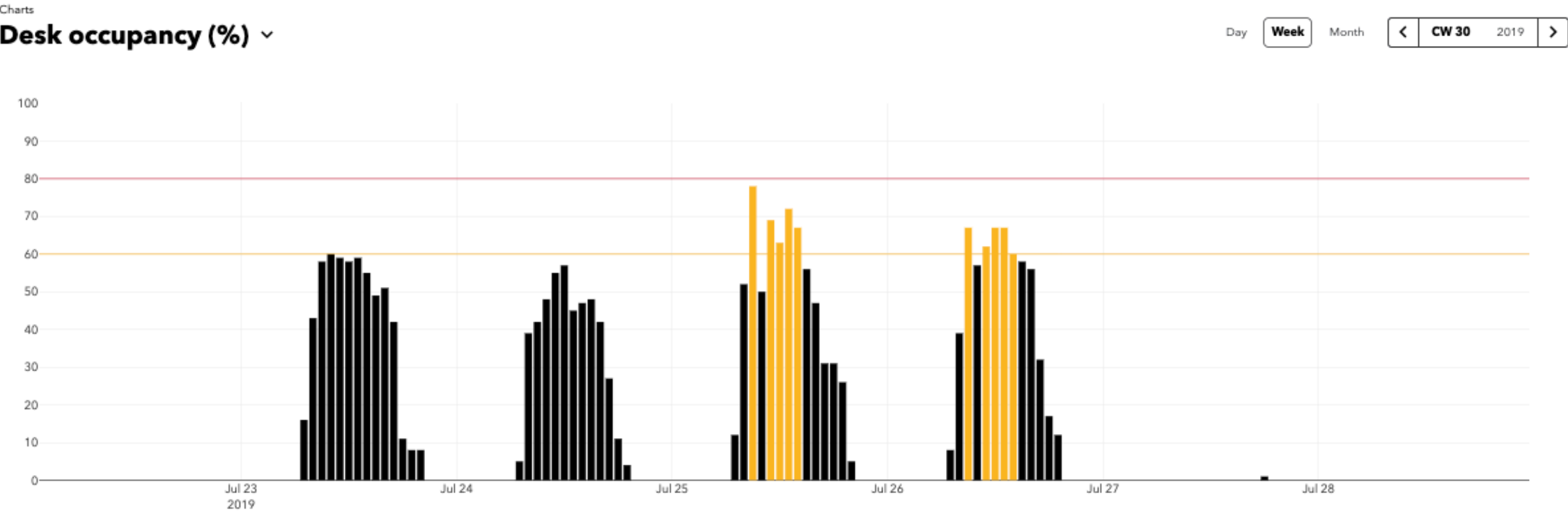


Floorplan  
**3.OG**



# BI-Module: Occupancy

Room-, Desk- & Parking Occupancy Monitoring



Overview

**Desks**

1-10 of 18 < >

Name ▲	Zone ▼	Desk occupancy this month ▼	prev 30 days ▼
Hot desks Presence 5878	Zone 3	41% <div></div>	41%
Hot desks Presence 5C24	Zone 3	32% <div></div>	32%
Hot desks Presence 5C84	Zone 3	38% <div></div>	38%
Hot desks Presence 5E6C	Zone 3	31% <div></div>	31%



BI-Module: Indoor Climate Monitoring

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Indoor Climate



Min Temperature <b>22.9°C</b>	Max Temperature <b>25.4°C</b>	Min CO2 <b>753ppm</b>	Max CO2 <b>1261ppm</b>
Min Humidity <b>60%</b>	Max Humidity <b>67%</b>	Min Pressure <b>994.9hPa</b>	Max Pressure <b>999.2hPa</b>








Climate Overview

Monitored Rooms

1-8 of 8

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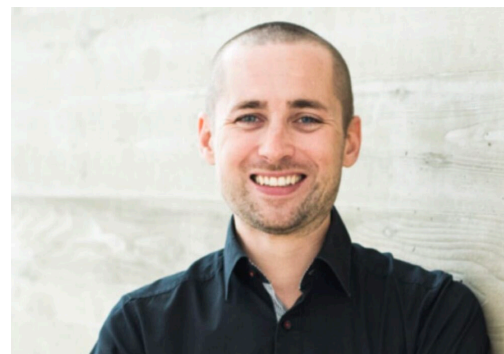
Name ▲	Temperature ▼	Humidity ▼	CO2 ▼	Pressure ▼	Timestamp ▼	
Amber Comfort D082	22.9°C	67%	1080ppm	994.9hPa	30.07.2019 14:47:13	
Blue Sky/War Room Comfort DFE3	23.5°C	64%	979ppm	995.5hPa	30.07.2019 14:48:41	
Controlling Comfort CE85	24.6°C	63%	1062ppm	994.9hPa	30.07.2019 14:48:17	
EXEC Comfort C4FE	25.4°C	60%	753ppm	999.2hPa	30.07.2019 14:47:06	
Hot desks Comfort 0C87	24.3°C	64%	1179ppm	995.8hPa	30.07.2019 14:47:27	
Hot desks Comfort CB62	24.4°C	63%	1261ppm	995.5hPa	30.07.2019 14:47:48	
Kitchen Comfort DFF7	23.7°C	65%	1007ppm	996.4hPa	30.07.2019 14:47:35	





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