

### IOT CLOUD FROM SWISSCOM

More and more products and assets include communication systems, enabled by M2M-Technologies. Due to the omni-present mobile networks, connection by 3G/4G networks will be common use, regardless of large enterprise or small start-up company. The Connectivity Management Platform of Swisscom (CMP) enables centralised management of M2M connectivity and economic use of the M2M technology.

CMP enables access to every SIM card from one single point of contact and management of their connectivity (activation, deactivation, completely disable, changing of roaming options, location check, configuration of alarms, definition of levels and much more) giving you full control over your M2M devices at any time, without the need for any technical know-how.

Extensive functionality enables you to optimise the cost and efficiency of processes, introducing new additional value throughout the company.



### INTERNATIONAL CONNECTIVITY

As great ideas come to business, international availability is a must. The connectivity platform can easily adapted to international roaming according to your specific needs.

### SUPPORT SERVICES

## Internet of Things from Art of Technology



### FUTURE SAFE

After successful verification, the system can be developed step by step to full functionality, preserving the effort already invested.

The versatile system supports all major connectivity standards, even mixed connectivity is supported. Regardless of wired or wireless communication, just select the option you prefer, the connectivity platform will do the rest.

### PROOF OF CONCEPT IN LESS THAN ONE WEEK

Art of Technology, in cooperation with Swisscom, can offer you IoT functional prototypes for M2M (machine to machine) systems.

From idea to information grabber, including basic device and data management - in less than one week !

## IOT FOR M2M

There will be an vast range of M2M communication in various application areas required in the future:

- medical and wellness
- intelligent consumer goods
- transport & logistics
- security systems
- energy sector
- trading and point-of-sales
- industrial production

As diverse the different application areas are, as numerous are the advantages of an integrated data communication system with intelligent device and data management:

- easy, continuous online surveillance of goods and people
- short reaction time on events (or forecasted events)
- real time data provision
- real time fleet & goods management
- flexible reaction on events
- actual data from sensors (surveillance of areas, goods, humans)
- easy payment methods
- just-in-time availability of data and goods

Art of Technology and Swisscom are your ideal partners for your custom IoT-M2M solutions.

## PROTOTYPES

Art of Technology offers functional prototypes including integration into the Swisscom IoT Cloud - in less than one week.

Based on popular computing platforms with communication support (e.g. Raspberry PI, BeagleBone), standard analogue and, or digital sensors can be added according to your requirements within a very short time-frame.

The range of standard sensors include

- buttons / switches
- magnet sensors
- temperature sensors
- pressure sensors
- light sensors
- humidity / moisture sensors
- PIR motion sensors
- acceleration / inclination sensors
- rotary sensors
- gyro sensors
- chemical sensors
- GPS

These functional prototype IoT-M2M systems are valid for first data-gathering and evaluation of a project concept, or a first feasibility analysis of an idea in an environment close to reality.

Use this tremendous service and verify your concept within days and convince potential investors and management with ideas, which really work.

## SERVICES FROM ART OF TECHNOLOGY

Further services according to your specification, available space and power requirements offered by Art of Technology

- create detailed specification
- full system development
- design & development (HW / SW)
- SW programming
- set-up of data & communication security
- algorithm development & programming
- database interface (Swisscom or any other)
- prototype production
- test & qualification
- production set-up  
(if preferred at your manufacturer of choice)



Don't wait...  
contact us now at

Art of Technology



Art of Technology AG  
Technoparkstrasse 1  
8005 Zürich  
Switzerland

+41 (43) 311 77 00  
info@aotag.ch  
www.aotag.ch