Swisscom Machine-to-Machine (M2M)

Connectivity Management Platform

What is Swisscom M2M Connectivity Management Platform?
- Communication between objects.
- Application examples: location, alerting, remote monitoring, remote measurement, remote control, remote maintenance.
- Automated processes, programming interface (API) and multi-tenant enabled M2M portal.
- Secure data access, geo-redundant data center and gap-free communication at home and abroad.
- Global roaming with over 650 mobile providers.

How you benefit
- **Flexibility**: You procure an M2M communication solution that is tailored to your needs and processes.
- **Costs**: You optimise your processes, reduce your costs and benefit from individual subscriptions and pricing models.
- **Security**: Thanks to high security standards, you avoid SIM card misuse or malfunctions on M2M mobile devices.
- **Service**: You can count on automated processes for the procurement and management of SIM cards and manage these easily in the M2M portal.
- **Availability**: You can rely on a highly available M2M portal and always communicate on the best mobile network – in Switzerland and worldwide.

Use M2M communication solutions – securely, reliably, globally.
# Connectivity Management Platform (CMP) – Connectivity

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<th>CMP Basic</th>
<th>CMP Advanced</th>
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| **SIM card format**| Standard SIM (2FF) | Solderable M2M SIM Chip (SON-8)  
|                    |           | Robust SIM (Plug85)  
|                    |           | Plug-in Micro SIM (3FF)  
|                    |           | Plug-in Nano SIM (4FF)  
| **Static Pin**     | Active or Inactive | Customized Pin  
| **Standard text on SIM card** |           | Customer text on SIM card  
| **Connection**     | Data (GPRS, EDGE, UMTS, HSPA) and/or SMS | Voice Calls (emergency only)  
| **Roaming**        | Roaming enabled or disabled | Customised roaming profile (e.g. EU only)  
| **Mobile access point** | Public Internet APN  
|                    | Dynamic IP addresses | Personal Internet APN (Firewall profile)  
|                    |           | Secure Internet APN (VPN tunnel; static IP addressing)  
|                    |           | LAN-i APN  
| **SMS Gateway**    |           | SMS Gateway over short number (Short-ID)  
| **Management**     |           | Programming Gateway API (SOAP/XML)  
| **Solution management** | M2M Portal (HTTPS), Multi-tenant capability  
|                    | Availability-check of all services |  
|                    | Ordering and inventory of all connections |  
|                    | Move/add/changes |  
| **Operating status** | Real-time usage (Data and SMS)  
|                    | Automated alerting at erratic behaviour of the SIM cards (e.g. exceeding limits) |  
|                    | Automated device blocking at abuse |  
|                    | Real-time diagnostics tool for debugging attempts |  
| **Reports and statistics** | Daily and monthly usage reports  
|                    | Billing records  
|                    | Inventory records | Individual reports on request  
| **M2M tariff and SLA** | Monthly SIM charge with fixed datapools (1MB up to 20GB/SIM)  
|                    | Easy and short bill |  
|                    | Fixed pricing list | Monthly SIM charge with individual data or SMS-Pools  
|                    | Free factory test: delayed billing of the monthly charge |  
|                    | Project prices |  
| **SLA**            | Technical and admin support 8-18 CET Monday-Friday  
|                    | Online service requests over M2M portal |  
|                    | Portal training on request | Individual portal training  
|                    | Optionally: 24/7 technical support |  
| **Requirements**   |           | Programming Gateway API (SOAP/XML)  
| **Mobile Device**  | GPRS/EDGE-or UMTS/HSPA compatible |  
| **Internet access**| Permanent access to application server with fixed IP address |  
| **Application examples** | Traffic jam information on navigation devices, fleet management, stolen vehicle etc.  
|                    | Of buildings, vehicles, animals etc. |  
|                    | Of data such as water level, oil level, electricity metres etc. |  
|                    | Of industrial machines, coffee machines, robots, vending machines, etc. |  

The information in this document does not constitute a binding offer. It is subject to revision at any time.

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