Entreprise IoT System Solutions on Microsoft Azure

A comprehensive and fully integrated ecosystem: Swisscom offers Internet-of-Things (IoT) System Solutions from Data Acquisition up to cellular & LoRaWAN Connectivity, Device Management & Data Analytics integrated in the secure Azure cloud.

With Swisscom Enterprise IoT System Solutions[1], any company can develop new business models and fully exploit their potential. Swisscom helps customers to seamlessly integrate their IoT System Solutions on Azure as well as Azure IoT Hub. From optimising products and processes to generating new partnerships, strengthening existing customer relationships and implementing new service models – we support your endeavors from "smart things" to "smart everything". Our data path into Azure for Entreprise IoT System Solutions is secure and direct.

Entreprise IoT System Solutions hosted on Azure

Customized to your needs, we offer a modular IoT System Solution consisting of a set of IoT product(s) and service(s). As a System Integrator and Managed Services Provider, we can plan, implement and operate your IoT System Solution hosted on Azure cloud and optionally connect it to the Azure IoT Hub.

We provide the tools to make IoT easily accessible to you. Our portfolio is based on a powerful, modular approach that includes technology, agnostic connectivity options as well as innovative, industry-leading management platforms and device management. The provision of state-of-the-art technologies and service, combined with a broad ecosystem allows customers to focus fully on their business.
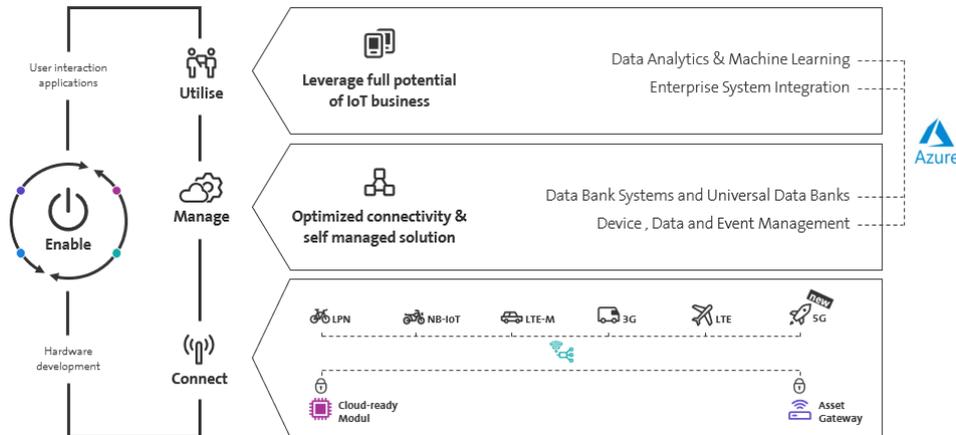
Your benefits of IoT System Solutions on Azure:

- **Optimum IoT Technology for your needs**
  Wide range of customizable IoT products and/or services independently from the technology you are using.

- **One-stop-shop solution**
  Everything from a single source with personal support from Swisscom during all process steps.

- **IoT Device Management**
  Simple and intuitive management of your IoT Devices.

- **Enterprise System Integration**
  Seamless embedding of your IoT System Solution into your corporate IT System such as SAP, ERP etc.

- **Modular, flexible and scalable solutions**
  Choose the complete solution or individual modules as per your requirements.

- **IoT Security**
  Secure cloud integration of your Swisscom IoT System Solutions and optionally Azure IoT HUB integration.

- **Proven Expertise**
  Extensive expert knowledge thanks to more than 10 years of experience in IoT as well as our partner ecosystem.

- **Strong Partnership**
  Swisscom is one of the largest Swiss Microsoft partner and the first Swiss provider to offer a direct connection to Azure via the Microsoft Express-Route.

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[1] Definition of IoT System Solutions: Wide range of customizable IoT products and/or services independent from the technology being used.

Holistic Integrated Enterprise IoT Solution on MS Azure

Connect

For many years now, Swisscom has had the best mobile network in Switzerland; we are also a global leader and provide excellent mobile coverage thanks to almost 700 partner networks in 200 countries. In addition to mobile technologies, Swisscom also relies on its own low power network based on LoRaWAN. Our networks are constantly evolving and are at the cutting edge of technology, such as our fast, energy efficient 5G network.

Manage

To manage connectivity and the data that is generated, Swisscom provides optimum web-based tools. With our connectivity management platforms (CMP), the IoT devices can be easily orchestrated regardless of the technology. For example, you have full connectivity transparency, can enable or disable SIM cards and devices, define new hierarchies, and choose between different price plans. Our device management platform provides ready-to-use device management, data collection and analysis capabilities. It enables the seamless connection of devices, production facilities and sensors into all enterprise systems and processes. This makes it possible to implement complete system solutions quickly, sustainably and securely and to integrate them into other cloud systems. The central, scalable cloud platform manages access and information flows from sensors, devices or assets, which in turn reduces complexity and risk during implementation.
For these tools, Swisscom relies on cooperation with leading partners worldwide.

Utilize

The data streams that are generated enable you to make better use of your data and combine it with your internal company information to generate smart data. Swisscom offers solutions to simplify the embedding of generated data into the business processes and ensure seamless integration into every cloud system as well as every enterprise application.
Swisscom can also offer support with data processing and IoT data analyses for Big Data. And this will enable you to exploit the full potential of your data.

Enable

Swisscom relies on a comprehensive partner ecosystem and offers all-round packages to support customers along the entire IoT value chain. Among other things, we as-sist you with IoT design, project management, service management and IoT security aspects. We ensure device and data security and guarantee the highest standards for infrastructure and data management in Switzerland with our cloud services on Azure.

For further information on the IoT System Solutions:
www.swisscom.ch/en/business/enterprise/offer/iot.html

Facts & Figures

Basic services	Connectivity Management Platforms for various access technologies on Azure
	Device Management Platform: Seamless integration of machines, sensors and devices into Azure Cloud and your enterprise system.
Options	Integration into any Enterprise Application (ERP, SAP on Azure, etc.)
	Data Collection, Processing, Analytics and Visualization
Supplementary services	Rapid Prototyping
	Service Management
	Professional Services
	Security

We take a holistic approach with our portfolio. In addition to Professional Services, Managed Services and our Re-selling+ solutions, we are also your partner for Office 365 and Dynamics.
Find out more on www.swisscom.ch/azure.