The Internet of Things is changing how telecoms companies do business, with the increasing popularity of new technologies being a significant aspect of this evolution. By now, every major mobile operator in the world has embraced the potential of IoT to provide connectivity in relation to both services and vertical solutions. **Comarch IoT Connectivity Management (formerly Comarch M2M Platform)** facilitates the implementation of IoT service provider business strategies.

**Comarch IoT Connectivity Management** enables mobile operators to provide managed connectivity in multi-national, multi-level and multi-operator environments. The system is an M2M/IoT connectivity management platform that helps launch IoT offers for vertical industries such as automotive, consumer electronics, retail, energy & utilities, finance & banking, healthcare, manufacturing, public services, security, and transport & logistics.
CHOOSE A RECOGNIZED, PROVEN IOT SOLUTION FOR YOUR BUSINESS

- A proven solution built on strong foundations and IT modules
- Implemented by major mobile operators, including Telekom Austria Group and Saudi Telecom Company
- Winner of a Pipeline Innovation Award and recommended in numerous analyst reports by companies such as Berg Insight and Gartner

BENEFIT FROM A “ONE STOP SHOP” SOLUTION FOR M2M/IOT CONNECTIVITY

- Be fully independent of platform owners and technology when executing your IoT strategy, thanks to a separate dedicated tool for managing M2M/IoT connectivity
- Scale the solution as your business grows – basing the solution on modular architecture makes it possible to upgrade the platform as your business evolves
- Easily manage all types of services and SIM cards using a single tool
- Handle any type of service, transaction and pricing model, thanks to an efficient built-in billing functionality and a charging module that can process vast amounts of data
INCREASE EFFICIENCY OF BUSINESS PROCESSES

- Automate the management of IoT services by giving your customers and partners more control with a dedicated self-care portal.
- Keep costs in check and ensure your KPIs are met thanks to Managed Services, including implementation, integration, day-to-day operations and hosting; benefit from cooperation on experienced IoT operations specialists.
- Monitor your IoT business and troubleshoot any issues easily, thanks to convenient browsing of data usage, report generation and filtering/searching cards for diagnostics.
- Easily integrate the platform with your existing BSS/OSS environment (such as billing systems or product catalogs, gateway GPRS support nodes/packet data network gateways, home location registers and logistics systems).
- Manage devices connected through any kind of access technology (including mobile (SIM)).
- Process data from various sources automatically.

GAIN BETTER CONTROL OVER IOT EQUIPMENT AND SERVICES

- Perform real-time session control and charging, using the triggers and actions module. Analyze what is happening in your network and trigger appropriate actions (notifications about suspected fraud or traffic/costs exceeding a set limit and issuing a relevant alarm in the UI).
- Control traffic and services intelligently and offer your IoT customers services with controlled QoS (quality of service) and bandwidth, thanks to IoT-specific policy management and AAA.
- Manage any type of SIM card easily, thanks to a built-in resource and SIM management functionality that enables you to manage M2M SIM cards in bulk mode.
- Track the quality of your IoT services thanks to a built-in connectivity monitoring module, detailed usage and performance reports and automated alerts.

OFFER GREAT EXPERIENCE FOR YOUR IOT CUSTOMERS AND BUSINESS PARTNERS

- Let your customers manage M2M/IoT connectivity, their subscriptions and profiles in real-time on any device, thanks to the built-in multilingual Comarch IoT Connectivity Management online Self-Service portal.
- Manage all relations with business partners and customers easily, using the built-in Customer & Partner Management module.
- Allow easy self-management, provisioning and reporting for business partners thanks to intuitive web dashboards.
- Build personalized offers for customers and partners and tariffs combining various service bundles thanks to flexible pricing and billing suitable for both prepaid and postpaid services.
- Offer pay-per-use tariffs or data bundles.
- Let your partners test the services prior to launch, and then activate them for specific SIM cards at the same time, thanks to the ability to define statuses and inventory items lifecycles flexibly.
- Manage communication with partners, including trouble ticketing and dispute solving
- Empower your IoT business partners and customers with billing capabilities, thanks to billing of applications and devices and billing on-behalf of partners

**SHORTEN TIME TO MARKET FOR IOT SERVICES**

- Perform bulk operations to deliver services to your customers quickly and efficiently and improve time to market for both your company and your clients
- Manage all your services with the use of a single tool for faster time to market
- Expedite the launch and delivery of new services, thanks to automated provisioning and order management processes
- Create any kind of service easily or change the configuration of assets without changing the system core – the platform enables easy tariff and data type configuration so that you can launch new IoT offers quickly and effortlessly

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![Diagram of Comarch IoT Connectivity Management](image-url)

*Figure 1. Comarch IoT Connectivity Management*
Since 1993, Comarch’s specialist telco solutions business unit has worked with some of the biggest telecoms companies in the world to transform their business operations. Our industry-recognised telco OSS and BSS solutions help telecoms companies streamline their business processes and simplify their systems to increase business efficiency and revenue, as well as to improve the customer experience and help telcos bring innovative services to market. Comarch’s telco solutions customers include Telefónica, Deutsche Telekom, Vodafone, KPN and Orange.

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