A complete solution for building, prototyping and comprehensive IoT device management

Revolutionize the way you build IoT solutions

Developing an IoT solution can be complex, but with Anjay IoT SDK and Coiote IoT Device Management, developers have the tools they need to succeed.
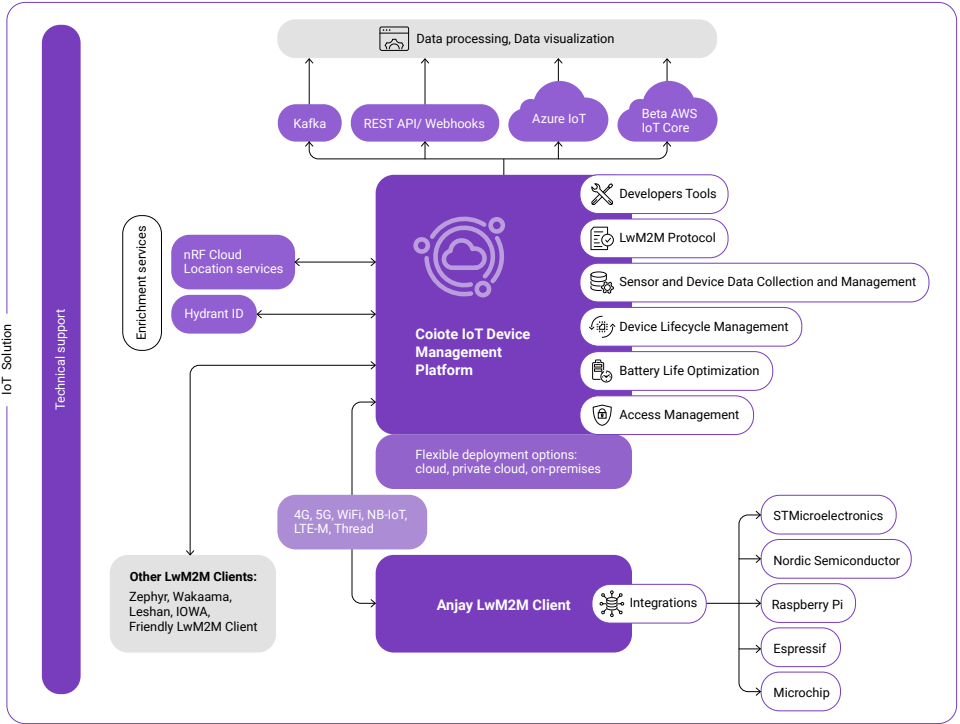
Building IoT Devices Made Easy

Anjay IoT SDK is your trusted toolkit for building IoT devices. It streamlines development, ensures compatibility across platforms, and enables quick creation of secure and efficient IoT devices.

Prototyping and Scaling Simplified

Coiote IoT Device Management Platform simplifies prototyping and scaling. It enables robust testing and refinement during the prototyping phase, helping fine-tune devices, test functionality, and optimize performance before market launch. When scaling the IoT solution, Coiote streamlines device management, optimizes operations, expands networks effortlessly from single to thousands of devices, and ensures enhanced security, standardized firmware updates, efficient sensor data collection, and smooth operation at any scale.

Build, prototype and scale your IoT solution

Data processing, Data visualization

Kafka

REST API/ Webhooks

Azure IoT

Beta AWS IoT Core

Enrichment services

nRF Cloud Location services

Hydrant ID

Coiote IoT Device Management Platform

Developers Tools

LwM2M Protocol

Sensor and Device Data Collection and Management

Device Lifecycle Management

Battery Life Optimization

Access Management

Flexible deployment options: cloud, private cloud, on-premises

4G, 5G, WiFi, NB-IoT, LTE-M, Thread

Other LwM2M Clients:
Zephyr, Wakaama, Leshan, IOWA, Friendly LwM2M Client

Anjay LwM2M Client

Integrations

STMicroelectronics

Nordic Semiconductor

Raspberry Pi

Espressif

Microchip

IoT Solution

Technical support

Anjay IoT SDK Features:

- ⊘ Standardized security, telemetry data collection, firmware updates, and device management with LwM2M protocol
- ⊘ Easy deployment with pre-integrations for hardware platforms
- ⊘ Simple connection with cloud data services
- ⊘ Excellent technical support during device configuration and after

Coiote IoT Device Management Platform Features:

- ⊘ Streamlined management of IoT devices and sensor data
- ⊘ Comprehensive monitoring of device operations
- ⊘ Simplified IoT device control across various radio communication technologies
- ⊘ Seamless integration with cloud services

Leverage the power of LwM2M open standard with Anjay and Coiote

Scalable IoT device management framework

Easy implementation of Firmware Over-The-Air (FOTA) updates

Out-of-the-box interoperability

Designed for resource-constrained IoT devices

Security by design

No vendor lock-in

Unified data format

Efficient communication

How do our products support vertical-specific use cases?

Vertical	Data to track	Interesting Features by Anjay and Coiote	Benefits
Utilities	Energy Consumption	Real-time monitoring and analytics	Efficient energy management and cost optimization
	Water Usage	Remote monitoring and leakage detection	Efficient water resource management and conservation
	Waste Management	Bins fillling level monitoring	Workforce management and optimization
	Heat Usage	Real-time monitoring and analytics, heat losses detection	Efficient heat management and conservation
	Meter Health	Diagnostic information and alerts	Timely maintenance and reduced downtime of meters
	Firmware Updates	Over-the-air (OTA) upgrades	Simplified and secure firmware management process
	Battery Level	Battery life optimizations	Longer life of the devices
	Data Security	Secure data transmission and storage	Protection of sensitive utility data and customer privacy
Logistics and Supply Chain	Location and Movement	Real-time tracking and geofencing	Improved visibility and asset management
	Temperature and Humidity	Remote monitoring and alerts	Preservation of product quality
	Shock and Vibration	Detection and notification	Minimized risk of damage during transit
	Hazardous substances level	Detection of hazardous substances leaks	Worker safety
	Battery Level	Battery status monitoring	Optimal device performance and uptime
	Inventory Levels	Real-time inventory tracking	Efficient supply chain management
	Route Optimization	Data for route optimization	Cost and time savings in transportation
	Compliance Monitoring	Regulatory compliance tracking	Avoidance of penalties and fines
	Security and Access	Secure device authentication	Protection against unauthorized access
Industrial Automation and Equipment Manufacturing	Equipment Performance & Energy Consumption Data	Real-time monitoring and performance analytics	Improved energy and equipment efficiency and productivity
	Sensor data (temperature, pressure, humidity)	Collecting sensor data and real-time monitoring	Optimizing equipment based on the identified conditions
	Predictive Maintenance	Data-driven insights for maintenance scheduling	Reduced downtime and optimized maintenance costs
	Firmware Updates	Over-the-air (OTA) upgrades	Streamlined firmware management and enhanced device security
	Remote Device Management	Centralized configuration and control	Simplified device management and troubleshooting
	Security and Access	Secure communication and access control	Protection against unauthorized access and data breaches
Environmental Solutions	Air Quality and Emission Tracking	Real-time monitoring and alerts	Improved air quality control and pollution management
	Agriculture optimizations	Real-time monitoring and process optimizations	More efficient fertilization and agriculture resources management
	Energy Efficiency	Data-driven insights for energy optimization	Reduced energy consumption and carbon footprint
	Weather Conditions	Real-time weather data integration and analysis	Effective planning and risk mitigation for weather-sensitive operations

Discover what you can achieve

Our internal evaluation showed beyond doubt that LwM2M is a future-proof standard worth adopting. Moreover, during vendor selection process, AVSystem demonstrated best-of-breed product that's ready to use thanks to its strong device auto-discovery features.

Lucas Moulin
Program and Solution Director,
Traxens

The AVSystem's offer is outstanding in terms of flexibility, scalability, and excellent technical support. With Anjay LwM2M Client and Coiote IoT DM Platform, we achieved a fully managed ecosystem of devices deployed globally serving safety-critical applications.

Waleed Elmughrabi
Technical Director,
BulkTainer Telematics Ltd.

At IRNAS, we work mainly with Nordic and ZephyrRTOS, and we highly value the Anjay IoT SDK for its seamless compatibility with our preferred platforms. It has become an indispensable tool in our development process, enabling us to effortlessly integrate LwM2M functionalities into our projects.

Luka Banović
Product Developer,
IRNAS

Since switching to the Coiote platform, we've achieved more while investing less. The platform offers a wide range of features that would have taken us much longer to develop on our own. Additionally, the transition from our own system to the Coiote platform was smooth and seamless.

Christian Haraldsson
Head of Digitalization & Product Manager,
Elvaco

AVSystem

We are a trusted and reliable partner for IoT deployments, offering comprehensive solutions for building and managing IoT devices.

Our products enable seamless device management, ensuring scalability, interoperability, and security for successful IoT projects. With a proven track record and global presence, we provide expertise in device management and long-term support, making us the ideal choice for reliable IoT project partnerships.

Get in touch!
sales@avsystem.com

Learn more
iotdevzone.avsystem.com

Learn more about Coiote

Learn more about Anjay

avsystem.com