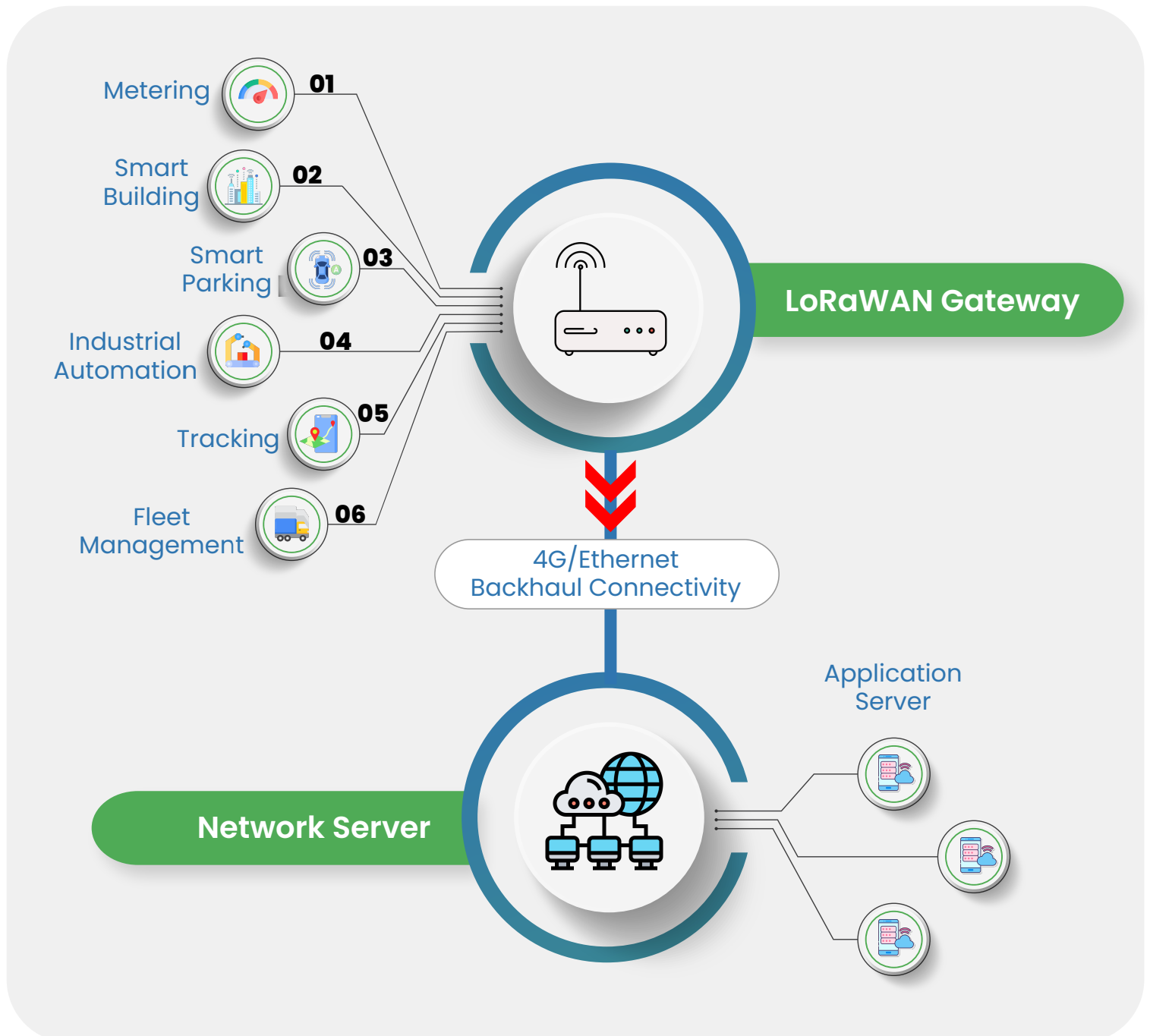# LoRaWAN Connectivity and Application
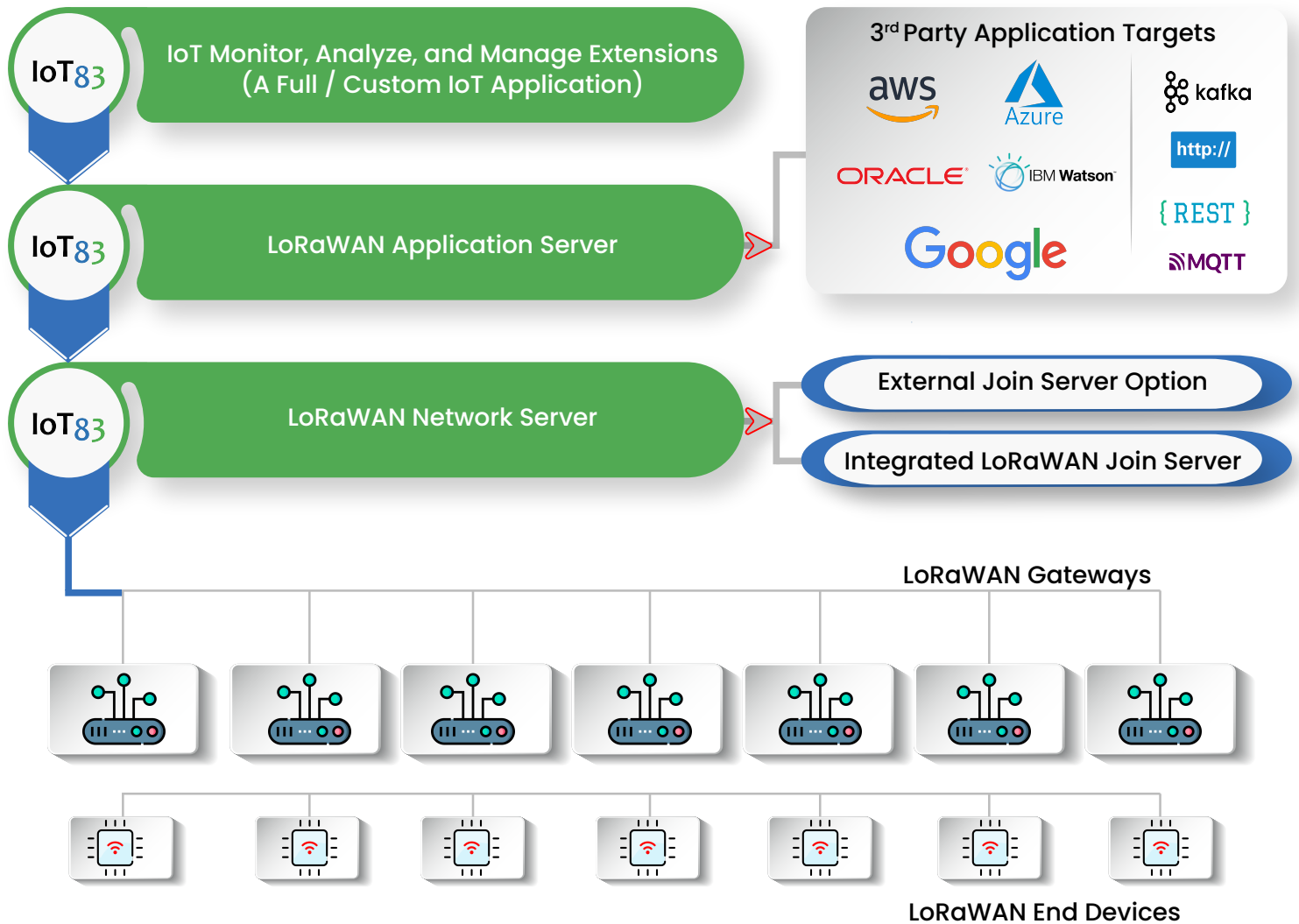
Creation for Custom IoT Solutions

IoT83

Solving the "Last Mile" and "Local Connectivity" is an essential part of all Industrial IoT solutions. Often, two key considerations make LoRaWAN a great answer for this connectivity. First, is range and penetration, where LoRaWAN shines. The second is the need for low-power and battery-based systems where it is a challenge to run power to every device that may be required in the solution. So, when wires, WiFi, or cellular don't make sense, LoRaWAN is a great option for IoT connectivity.

Metering **01**

Smart Building **02**

Smart Parking **03**

Industrial Automation **04**

Tracking **05**

Fleet Management **06**

LoRaWAN Gateway

4G/Ethernet Backhaul Connectivity

Application Server

Network Server

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LoRaWAN Connectivity and Application Creation for Custom IoT Solutions

Flex83 Simplifies
LORAWAN

Easily create new LoRaWAN Networks, add from our collection of Gateways (or add new ones), create new LoRa edge applications, and easily manage all gateway and edge devices on the network.

IoT83 — IoT Monitor, Analyze, and Manage Extensions (A Full / Custom IoT Application)

3rd Party Application Targets

aws · Azure · kafka · ORACLE · IBM Watson · http:// · {REST} · Google · MQTT

IoT83 — LoRaWAN Application Server

IoT83 — LoRaWAN Network Server

External Join Server Option

Integrated LoRaWAN Join Server

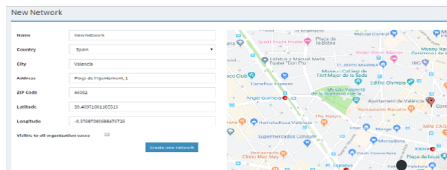LoRaWAN Gateways

LoRaWAN End Devices

With all LoRaWAN components integrated into a single intuitive solution, the implementation of entire custom use-cases is greatly streamlined. From the connection to configuration, to insights & analytics - with ease.
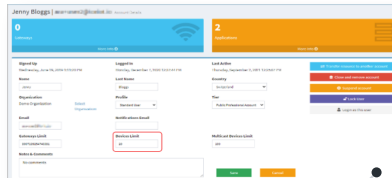
Click-to-Configure
LORAWAN

IoT83

IoT83

Flex83 LoRaWAN Integrated Application Creation Solution

Streamlined LoRaWAN
IMPLEMENTATION

Easily create new LoRaWAN Networks, add from our collection of Gateways (or add new ones), create new LoRa edge applications, and easily manage all gateway and edge devices on the network.
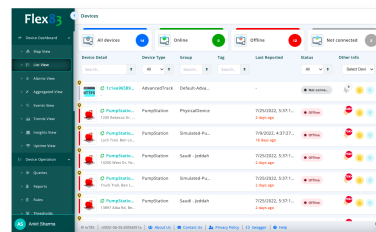

Easily Create New LoRaWAN Networks

Easy to Use Device & User Management

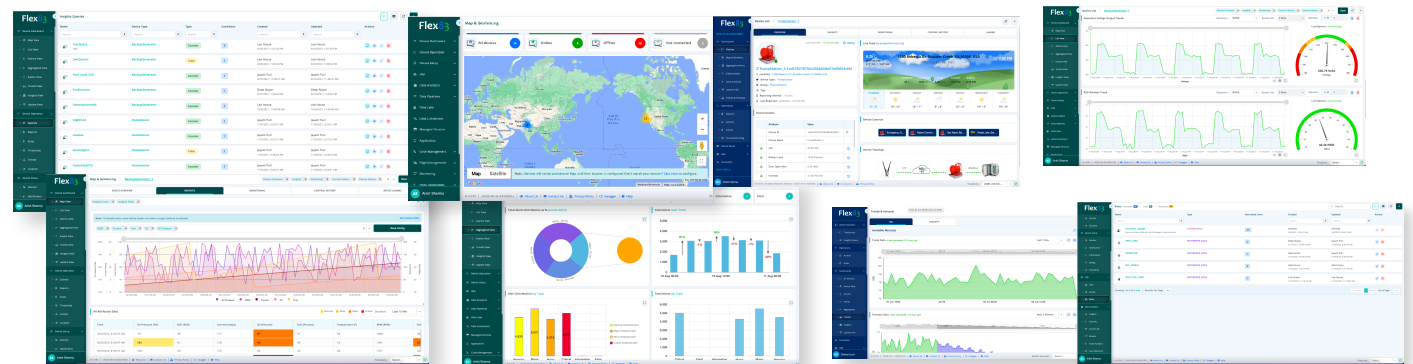Click-to-Add/Configure LoRa Gateways

Full Gateway & Device Behavior Insight

LoRa Network Behavior Visibility

Once your LoRaWAN Network is up and running, use the the Flex83 No- Code Click-to-Configure Application Server tools to easily customize your application depending on your end-user and application needs.

Create your custom
APPLICATION

The Flex83 LoRaWAN Solution is rich, configurable, scalable, and EXTENDABLE

IoT83