



- Manage all your connected devices in one place
- Collect your data easily & remotely
- Ensure multi-layer cybersecurity simply
- Quickly build your own business applications
- Deploy on your infrastructure without fuss

**Build your IoT platform in a few weeks.  
Keep & customize it for decades.**

For over 20 years, The Witekio team have offered full ownership on all of their custom development work for partners.

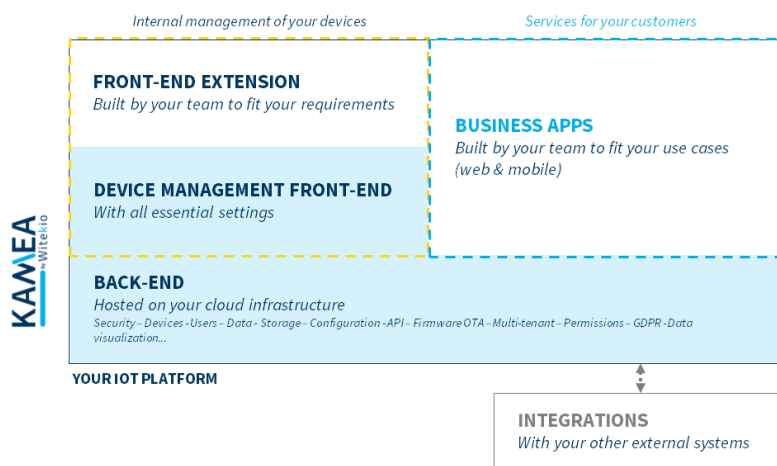
Our Kamea IoT solution builder is no different.

Kamea is designed to help equipment manufacturers:

- Accelerate time-to-market
- Offer adaptability for product longevity
- Secure data from end-to-end - without vendor lock-in!

## CONNECTIVITY AT YOUR FINGERTIPS

- Remote & real-time monitoring
- Failure prediction & lifespan extension
- Operations optimization
- Custom business applications
- Equipment as a Service



## KEY FEATURES

### Device Management

Manage your equipment & data, allow access to your end customer...

### Access Management

High granularity access management to your system

### Extendable by design

Simple business application creator with documentation.

### Software update

Quarterly releases, roadmap based on users' needs.

### No vendor lock-in

Full source code, documentation and CI provided.

### Secure

Developed with ISO 27001 certification standards.

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[Request a demo](#)

# BUILT-IN FEATURES

## User and group

- User management
- Group management
- Authentication support with OAuth2 standards
- Custom SSO integration

## Role & permission management

- Fine grain permission level
- Custom permission
- Built in standard roles
- Role assignment

## Tenant management

- Manage your customers (and internal Business Units)
- Tenants to ensure data segregation
- Device, user, role and permission per tenant

## Device management

- Integrated device creation process
- GPS position, customer serial number, QR Code, metadata
- Device connectivity state
- Tags support
- Folder tree

## Device provisioning

- Multiple ingestion protocol supported

## Telemetry and data

- Timeseries oriented database to ease data analysis
- Custom database integration on demand
- Server-less data ingestion for high scalability

## Custom device type integration

- Easy to integrate your own equipment
- Heterogeneous support with multiple Codec support
- Adapt the platform to the equipment, not the opposite

## Event management

- Integrated event manager for Platform and Custom usage

## Remote configuration

- Define a device configuration in the platform
- Apply it remotely
- Desired and reported value
- Bulk actions

## Hosting infrastructure

- Deploy on your own infrastructure
- You own everything including database
- Supports native PAAS Azure Cloud deployment
- Integrated infrastructure monitoring service

# EASY TO EXTEND

## Custom web & mobile app kit

- Business application canvas to start your project quicker
- Reuse provided components and services
- Angular Web application

## Custom protocol integration

- Protocol connector to support your connectivity models
- Easy to extend
- Keep security by integrating your provisioning system

## Full source code provided

- Service, server-less, back end and front end source code
- Functional documentation
- Integration test suites
- Complete continuous integration environment

## Microservice architecture

- Micro-service architecture for maintainability & scalability
- Develop you own micro-service to add new features
- Integrated into the platform

### CUSTOM BUSINESS APPLICATION DEVELOPMENT SERVICE

#### WHY US

**We help device makers bring products to life.** With + 20 years experience in the industry, we can help you:

- Bridge the skill set gap
- Accelerate your time-to-market
- Level up your products
- Reduce project risk
- Partner with the biggest names in tech

#### UX Design Led

Witekio is laser-focused on your end-users & products. We use the best tools for the job and make sure your application looks & works perfectly.

#### Custom Built Service

We know that an application lives and dies by its code. This is why we tailor-make each application for its best use and optimization.

#### Testing & Cloud Integration

Automated testing, CVE patching and cloud connectivity will be integrated into your solutions.

### FULL-STACK, EMBEDDED TO CLOUD DEVELOPMENT

#### Consulting:

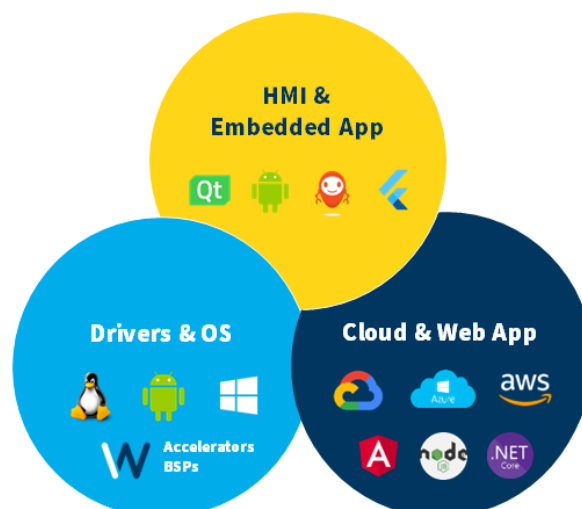
- UX/UI
- Architecture
- Security
- Hardware

#### Optimization:

- Boot time
- Power
- BOM
- BSP / Driver Customization

#### Migration:

- Operating System
- Hardware
- Graphical Framework
- BSP / Driver Customization



#### End-to-end development:

- Applications (desktop, web & mobile)
- Edge AI, Machine Learning & CV
- Full-stack HW to cloud development
- 3rd party SW and HW integration

#### Security:

- Security audit
- Secure Boot
- Communication Integrity
- Firmware update

#### Connectivity:

- Over-the-air update
- M2M communication
- Pairing scenarios
- Multi connectivity