



# EDGEONE IoT SOLUTIONS

Smart Infrastructure. **Real-Time  
Intelligence.**

# Infrastructure-First IoT

EdgeOne IoT Solutions evolved from deep architectural experience in ThingsBoard deployments into a full-stack IoT and Edge Computing solution provider.



**ThingsBoard platform implementations**

**Complex real-time deployments**

**Identified infrastructure bottlenecks**

**Shifted to full-stack IoT architecture**

**Developed edge computing capabilities**

# Why Most IoT Deployments Fail

## Latency

High latency – slow  
reaction times



## Not Scalable

Non-scalable systems  
– lab concepts fail in field



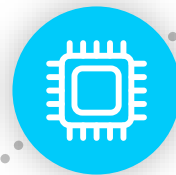
## Cloud Risk

Cloud overdependence  
– vulnerable to  
connectivity loss



## Weak Hardware

Poor hardware architecture –  
incompatible or weak devices




## Centralized

No edge processing –  
reliance on distant servers



## Common Failure Points



# The Complete Stack Approach

We don't just supply software. **We own the complete stack.**



**Our Capabilities:**



Edge AI  
Deployments



Industrial IoT  
Monitoring



Custom IoT  
Architecture Design



On-Premise  
Infrastructure

# Built for Low Latency and Scale



Devices



Gateways



Edge Node



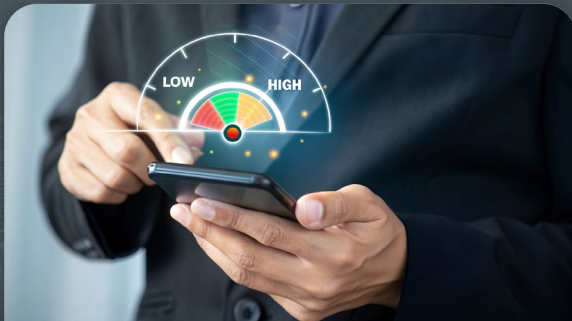
Server



Dashboard



Alerts



## Low Latency

Instant local processing



## Scalable

Supports thousands of server racks



## Secure

Investment-grade security



## Enterprise-Ready

Built for enterprise environments



## Real-Time Indoor Tracking (RTLS)

A robust ecosystem designed  
for precision monitoring of  
people and assets.

### System Components:



BLE Beacons & Tags



IoT Gateways



Edge Processing Units



Real-Time Dashboard

## Features:



Real-Time Position Tracking



Zone Alerts



Historical Analytics



Pattern Recognition

# Intelligent Monitoring Dashboard





**Sector-  
Agnostic  
Intelligence**

**Our solutions apply  
across industries:**



Hospitals



Manufacturing



Warehousing



Smart Campuses



Industrial Facilities

## Improved Safety Compliance

Automated adherence to regulations and protocols.

## Reduced Asset Loss

Minimized theft and misplacement through tracking.

## Faster Emergency Response

Quick action and resource deployment.

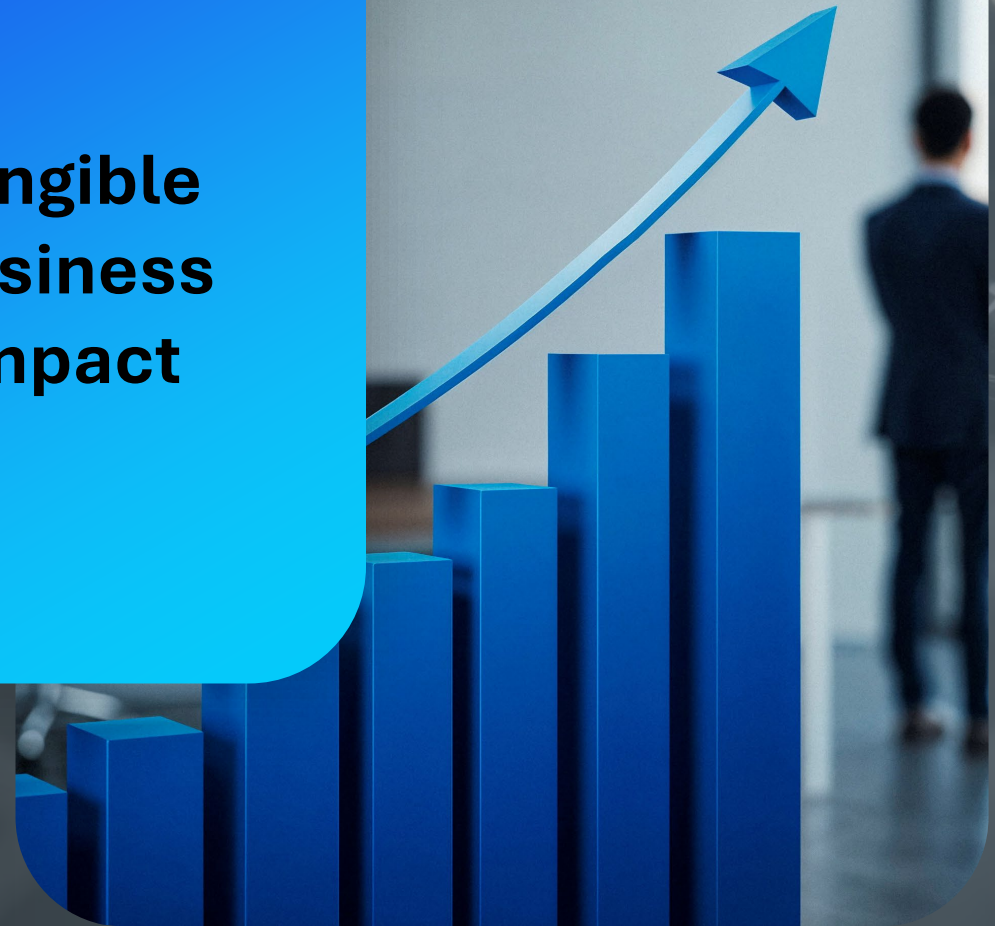
## Real-Time Operational Control

Immediate visibility and management of processes.

## Data-Driven Decision Making

Strategic insights for planning and growth.

# Tangible Business Impact





## The EdgeOne Advantage

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- Infrastructure-First Approach
- ThingsBoard Architectural Mastery
- Edge Computing Expertise
- AI Integration Capability
- Custom Hardware Capability

## Pilot Deployment

Initial deployment for testing and validation.

## Custom Architecture Design

Tailored solution design and engineering.

## Full-Scale Implementation

Enterprise-wide rollout and integration.

## Annual Support & Optimization

Continuous monitoring, maintenance, and improvement.

# From Pilot to Scale



# Build Intelligent Infrastructure

“To build intelligent infrastructures powered by edge intelligence and real-time computing.”

[Book a Demo](#)



**Thank You**