Batoi IoT & Edge Computing Solutions

Real-Time Data Processing for Smarter Business Operations

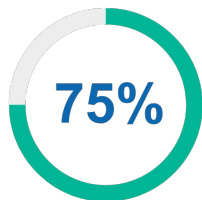batoi.com/solutions/technologies/iot-edge-computing

Smarter Connectivity and Instant Insights

Harness the Power of IoT & Edge Computing for Real-Time Decision-Making

75%

75% of industrial enterprises are expected to implement IoT and Edge Computing to improve efficiency by 2025

Businesses using IoT-enabled predictive maintenance experience **30% fewer breakdowns** and **45% reduction** in downtime

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Key Challenges Addressed by IoT & Edge Computing

Real-Time Processing, Predictive Maintenance, and Operational Efficiency

Data Processing Latency
Reducing the time lag in data transmission and processing by computing data closer to the source

Operational Downtime
Minimizing unplanned downtime with predictive analytics and real-time insights

Scalability of Connected Devices
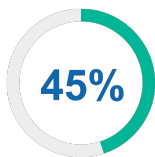Managing large volumes of IoT devices seamlessly with robust edge computing infrastructure

Data Security
Ensuring secure data transmission from edge devices to central systems

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Delivering Results With IoT & Edge Computing

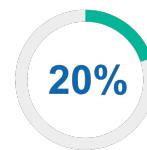Measurable Impact of IoT & Edge Computing on Business Operations

45%

45% Reduction in Downtime: Predictive analytics enables proactive maintenance, reducing equipment breakdowns

30%

30% Increase in Efficiency: Real-time data processing and decision-making optimize workflows

20%

20% Decrease in Latency: Edge computing ensures faster data processing and response times

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Our Capabilities

Harness IoT and Edge Computing for Real-Time Decision-Making

Real-Time Data Processing

Process data locally at the edge to make instant decisions without relying on central servers

Predictive Maintenance

Use sensor data to predict potential failures and schedule maintenance proactively, reducing downtime

Scalable Infrastructure

Seamlessly manage a growing number of IoT devices with flexible edge computing solutions

Improved Operational Efficiency

Automate workflows and monitor connected devices for better efficiency and resource utilization

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Batoi Products for IoT & Edge Computing Integration

Tools to Support IoT & Edge Computing Integration

Batoi RAD

Develop custom applications to manage IoT devices and collect data for real-time analytics and decision-making

Batoi Insight

Analyze data collected from IoT devices to track performance, predict maintenance needs, and gain actionable insights

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How Batoi Stands Out

Why Choose Batoi for IoT & Edge Computing Integration?

1

Comprehensive tools for real-time data processing and decision-making

2

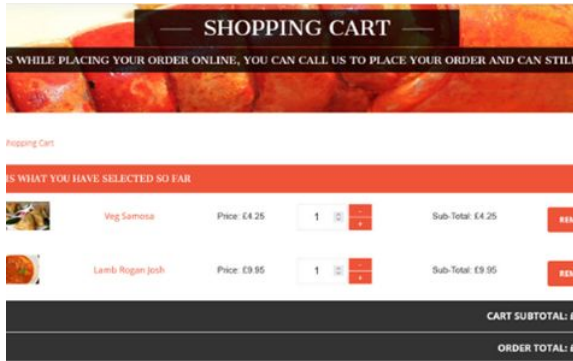Predictive analytics to optimize maintenance schedules and reduce downtime

3

Scalable solutions to seamlessly manage connected IoT devices

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Success Story and Resources

Real Results and Learn More

Case Study

Automating and Boosting Operations of a Restaurant Chain

White Paper

Smart Technologies for Smart Cities - Building the Cities of the Future

Blog Post

IoT Enabled Smart Homes

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Ready to Transform Your Business with IoT & Edge Computing?

Discover How Batoi's IoT & Edge Computing Solutions Can Help You Process Data in Real Time, Optimize Operations, and Enhance Decision-Making

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