

Driving IoT Business Value

Connect your world of devices and sensors to gain more business insights in real-time. Learn how customers are using your products, increase product quality and customer satisfaction, provide proactive preventative maintenance, and reduce operational costs at little cost to you.

YOUR CHALLENGES AND OPPORTUNITIES

Do you want to capture and analyze real-time data about consumer behavior or environmental factors affecting your business? Are you already capturing this data but are unable to harness its value or insight? Are you concerned about the security of your public-facing devices? Do you see the incredible data capture potential of today's micro-sensors and widespread wireless connectivity, but are unsure how to take advantage of them in your own business?

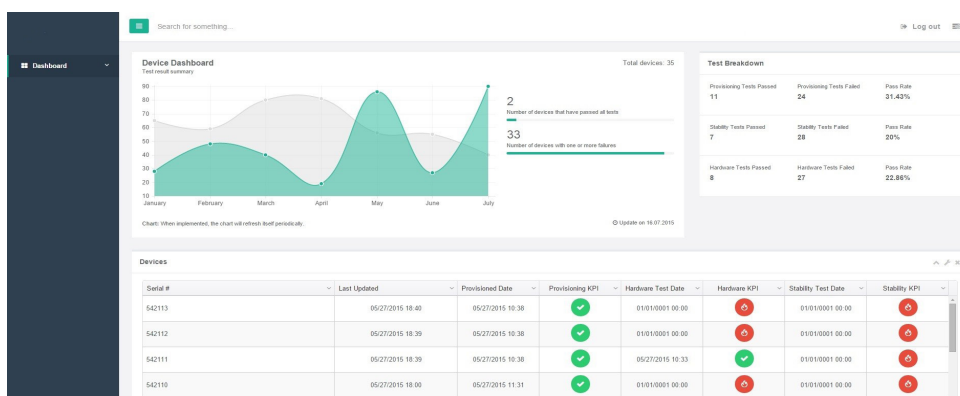
OUR SOLUTION

At BlueMetal, we understand how to aggregate IoT device data in the cloud and manage the complexity of its volume, velocity, and variety. We have built cloud-based, data-driven systems of connected devices across a variety of industries and on a wide range of technology platforms. Our design-led approach ensures a beautiful, intuitive user experience over powerful data analysis capabilities. Throughout the development process, we focus on reducing total cost of ownership by architecting the solution to ensure that it is flexible, scalable, and upgradeable while maintaining high performance and security.

We'll work with you to create the design, architecture and roadmap for connecting your devices and sensors, giving you the ability to handle a voluminous amount of structured and unstructured data with real-time analytics displayed in an intuitive and actionable dashboard.

KEY BENEFITS

- Accelerate your time to market
- Harvest more data and gain greater business insight
- Discover patterns and hidden trends in the data for true predictive analytics
- Drive competitive differentiation
- Reduce cost of delivery
- Learn how customers are using your products
- Increase customer satisfaction and product quality
- Provide proactive preventive maintenance
- Create entirely new user experiences



INTERNET OF THINGS PROOF OF CONCEPT

We can explore the potential of the Internet of Things as it aligns to your environment and specific needs. Over a series of days or weeks, we will define the design, architecture, and strategy to address the challenge at hand and substantially reduce your risk in the development phase. We will partner with your team to deliver prototypes and Proofs of Concept with a craftsmanship and quality that is unique in the industry. Each session is designed to stand alone and to provide the maximum value for your time.

Typical Timeframe	Description
½/2 - 1 day	<p>BlueSky</p> <p>In this one day session, we will envision the IoT possibilities for your business by identifying specific opportunities, then define the recommended Proof of Concept engagement including architecture for proving a specific use case. Focusing on your current IT environment, we will provide risk analysis and consultation on best practices and industry benchmarks for a successful production Azure IoT Suite implementation.</p> <p>Deliverables:</p> <p>Defined Critical Success Factors for the identified use case including cost and time estimates to execute a Proof of Concept.</p>
3 - 5 days	<p>BluePrint</p> <p>In this five-day session, we work closely with key members of your technical staff to transfer knowledge and prove out customized solutions. We will provide a small scale Proof of Concept of a feature (e.g. gather temperature data from multiple devices and display in an attractive interface).</p> <p>Deliverables:</p> <ul style="list-style-type: none"> Azure IoT and Cortana Analytics Suite technical architecture documentation Azure IoT and Cortana Analytics Suite deployment and configuration of relevant microservices, such as Event Hub, Stream Analytics, Notification Hub, Machine Learning, HDInsight, Power BI, and recommended data storage.
2 - 4 weeks	<p>BlueMetal</p> <p>Working closely with key members of your staff, we will create a fully deployable Proof of Concept defined in the BlueSky phase.</p> <p>Deliverables:</p> <ul style="list-style-type: none"> Working Proof of Concept on the Azure IoT and Cortana Analytics Suite including relevant microservices Dashboard to display real-time data capture and KPIs Documented business case validating Critical Success Factors and cost analysis for production deployment

With our collaborative and agile development approach, we deliver a solution that exactly meets your needs-- beautiful in both form and function, optimized for performance, scalability, management, and long term cost of ownership.

Our Internet of Things solution built on the Azure cloud allows you to take advantage of real-time data like never before.

A beautifully designed dashboard displaying insights harvested from your devices and sensors will give you the ability to discover trends and patterns in your data for immediate action.

By managing your data on a cloud platform, you'll maximize elasticity to meet demand, improve security and reduce capital expenses while providing access to real-time device analytics to drive preventative or proactive action.

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