



GDG IoT

Capturing the Value of the Next Industrial Revolution™

www.GDGIoT.com

GDG Unlocks the Power of IoT

As an IoT leader since 2005, our multidisciplinary team of Technologists, Data Scientists and Strategists have decades of applied practical experience in multiple industries to capture value of the next industrial revolution for our clients.

Dynamic Information Strategy Is Our Core Competence

We deploy Dynamic Information Strategy™ to identify Data Resources™ that produce the right information, in the right format and at the right time to create sustainable competitive advantage. By utilizing IoT to generate Data Resources, we deliver results for our clients often missed by others.

Data is the New Sustainable Competitive Advantage

How well you produce, capture and utilize data determines how effectively and efficiently you achieve strategic objectives.

Proper Deployment of IoT:

- Generates new business models that create new markets and new revenue streams
- Dramatically improves productivity and achieves greater profitability
- Enables vibrant customer experience that increases market share for current products and services

Industry Must Adapt to Rapid Pace of Change

IoT will transform every known industry and sector. Over the next 10 years IoT will create \$19 trillion in new value, and 8 out of 10 Fortune 1000 firms will cease to exist.



Our Dynamic Approach Differentiates Us

We recognize that clients need a framework of services that are repeatable and scalable to support actual deployment and implementation of IoT products and services. Our powerful methodology makes it happen.

Requires a New Approach

Traditional consulting services are inadequate. Feasibility studies, strategic plans and business analysis as stand-alone services do not generate necessary value to address rapid pace of change.

Others focus on tools. We provide practical pathways to success through our proven **ASSESS, PLAN, DEPLOY™** methodology.

GDG IoT Products and Services

GDG provides a full suite of IoT products and services for public and private sector clients. With decades of experience and technical expertise, our Intelligent Systems Services™ lead to successful IoT projects with measurable results and meaningful impact. Our proven methodology enables our clients to confidently take the first step, reduce risk and get there faster.





ASSESS

Identify practical steps for how to use IoT to gain competitive advantage. ASSESS strategy, data, and ICT to PLAN for IoT.

○ *Strategy*

Operations
Productivity
Competiveness

○ *Data*

Static
Dynamic
Interactive

○ *ICT*

Networks
Applications
Infrastructure

○ *IoT*

Sensors
Security
Connectivity



PLAN

Enable the design of right metric to ensure success. PLAN roadmaps, intelligence and performance to DEPLOY IoT solutions.

○ *Roadmaps*

LASIC™
Collaboration
Implementation

○ *Intelligence*

Perception
Automation
Deep Learning

○ *Performance*

Metrics
Analytics
Optimization

○ *Solutions*

Customized
Open-Source
User-Friendly



DEPLOY

Support technology agnostic approach and agile system engineering process. DEPLOY code, testing, integration and enhancements to unlock value of IoT.

○ *Code*

Design
Architecture
Requirements

○ *Testing*

Systems
Usability
Acceptance

○ *Integration*

Unified
Scalable
Interoperable

○ *Enhancements*

Training
Support
Upgrades

Case Studies

Revolutionizing Transportation Networks

Efficient transportation networks are fundamental to society. Just as steam power and electricity were the catalyst for the first industrial revolution, emerging IoT solutions will revolutionize transportation spurring the next industrial revolution. IoT can solve congestion through digitizing transportation networks which provide real-time predictive analytics to ensure every participant can achieve their objectives. On behalf of a leading, international transportation authority in a major metropolitan region that manages thousands of miles of roadway for millions of annual travelers, we provided a practical pathway to success through our unique and proven methodology of ASSESS, PLAN, DEPLOY™.

Optimizing Physical Assets

Unlocking the value of physical assets will be the key to achieving sustainable growth in the 21st century. We helped a client use IoT to improve its management of \$1.7 billion in tangible assets which reduced costs and generated greater return on investment. IoT provides the ability to understand the health of a physical asset and to more easily maintain and update it through information management. This reduces downtime, shrinks maintenance and repair costs and extends useful life. IoT also enables more robust data-driven performance measurement to improve asset productivity, creating substantial new value and opportunity.

Transforming Operational Performance

Data has become the new sustainable competitive advantage. IoT sensors that collect and transmit data over faster networks can transform a business from being siloed and unconnected into a unified intelligent system. By placing critical information, which we call Data Resources™, in the hands of the right people when they need it to inform and automate decisions and functions, our clients achieve maximum performance. For leading public and private sector clients our Information Strategy™ identified and determined how to use Data Resources™ to unleash value through improved operational performance. Achieving transformational operational performance through IoT is within reach for any organization. Our ASSESS, PLAN, DEPLOY™ approach gets you there faster.

Accelerating Profit Potential

With IoT creating \$19 trillion in new value over the next ten years, businesses that adopt IoT will achieve greater productivity and dramatically reduced costs while creating new models to deliver products and services to customers. This will lead to substantially greater profitability and market share. For a NYSE listed company we delivered improved profit potential through IoT. We turn data into intelligence, which we call Data Resources™, to transform any business into an intelligent system. Our ASSESS, PLAN, DEPLOY™ approach provides a practical pathway for how to use IoT in ways that achieve measurable results.



Pioneering New Markets

The IoT next industrial revolution represents unprecedented market disruption. Those who embrace IoT in their operational DNA will obtain new forms of competitive advantage and a disproportionate share of the \$19 trillion in new wealth creation over the next ten years. Those who fail will be among the 8 out of 10 firms in the Fortune 1000 who will no longer exist. Our client was a well-funded automated vehicle (AV) start-up that needed help tapping new markets. By understanding IoT is about sensors that collect and transmit data over fast networks, we helped them use their data and intelligence in new ways to create new products and services for new customers. We offer a clear approach that upends traditional business models and helps pioneer new markets.





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Thank You

Contact us to learn more

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