



IrisLogic

Internet of Things – IoT

IrisLogic Service



The Internet of Things (IoT) is the network of physical objects—devices, vehicles, buildings and other items which are embedded with electronics, software, sensors, and network connectivity, which enables these objects to collect and exchange data. IoT allows objects to be sensed and controlled remotely across existing network infrastructure, creating opportunities for more direct integration of the physical world into computer-based systems, and resulting in improved efficiency, accuracy and economic benefits. When IoT is augmented with sensors and actuators, the technology becomes an instance of the more general class of cyber-physical systems, which also encompasses technologies such as smart grids, smart homes, intelligent transportation and smart cities. Each thing is uniquely identifiable through its embedded computing system but is able to interoperate within the existing Internet infrastructure. IoT offers unique opportunities for enterprises to connect people, processes and systems.

IoT ecosystem is quite fragmented and requires customers to deal with multiple solutions and vendors. Addressing this challenge, IrisLogic has developed a comprehensive set of service offerings and assets, to help customers unlock business value. As well as the expansion of Internet-connected automation into a plethora of new application areas, IoT is also expected to generate large amounts of data from diverse locations, with the consequent necessity for quick aggregation of the data, and an increase in the need to index, store, and process such data more effectively. IoT is just beginning to explode, we see numerous application in the society and therefore one of our key focus area.

FOCUS AREAS:

IrisLogic key focus areas in IoT are:

- **Reliable and High Performance practice leveraging IrisLogic solutions and best of breed partner ecosystem.**
- **Use of open industry leading standards.**
- **Flexible architecture and design approach supporting various patterns of connectivity.**
- **Secure solution by integrating components of Industry leading security players.**
- **Backed with strong technology focus on Digital technologies to help customers deal with rapid developments in technology.**

Beyond this, IoT creates an opportunity to measure, collect and analyze an ever-increasing variety of behavioral statistics. Cross-correlation of this data could revolutionize the targeted marketing of products and services.

ABOUT:

IrisLogic is a global provider of software consultancy, design and development services, headquartered in Santa Clara, US. For over 16 years, IrisLogic operates four software development centers in Santa Clara, Dallas, Mumbai (India), and Bangalore (India). IrisLogic businesses are ISO 9001:2000 certified and assessed at SEI-CMMI Level 5. IrisLogic has a total team of over 1000+ skilled professionals worldwide with extensive experience in IT consulting, training and software development. The company has successfully completed more than 500 major IT projects on a wide range of hardware and software platforms. IrisLogic provides end-to-end software development services under various services models. IrisLogic provides both onsite as well as offshore development services to our customers.

IrisLogic focus areas include **Services Cloud Computing and DevOps, Data Networking, Mobility and Internet of Things (IoT), Non-profits, Data Analytics, Creative, Financials, Manufacturing, Life Sciences, and Retail markets.**



VERTICAL EXPERTISE:

IoT creates an opportunity to measure, collect and analyze an ever-increasing variety of behavioral statistics. Cross-correlation of this data could revolutionize the targeted marketing of products and services. The combination of analytics for conversion tracking with behavioral targeting has unlocked a new level of precision that enables display advertising to be focused on the devices of people with relevant interests. Big data and the IoT work in conjunction.

From an industry perspective, data is the key derivative of device interconnectivity, whilst being pivotal in allowing clearer accuracy in targeting. The internet of things therefore transforms the media industry, companies and even governments, opening up a new era of economic growth and competitiveness. The wealth of data generated by this industry (i.e. big data) will allow practitioners in advertising and media to gain an elaborate layer on the present targeting mechanisms used by the industry, and architect a solution that maximizes both time-to-value and ROI.

IrisLogic's key areas of expertise in IoT are:

- **Energy Management**
- **Manufacturing**
- **Medical and healthcare**
- **Building and home automation**
- **Consumer application**
- **Transportation**

PROFESSIONAL SERVICES:

IrisLogic transforms data into useful and valuable business knowledge about company operations and assets to improve business processes and create new services. We help companies get their devices, sensors, and machines connected and integrated with current systems, enabling businesses to capture and use their data right away.

- **IoT Assessment Services**
- **IoT Cloud Infrastructure Services**
- **IoT Deployment Services**
- **IoT Sustainment and Maintenance Services**

IrisLogic IoT Services offers a comprehensive and flexible approach to support customers at any stage in the evolution.

BUSINESS STRATEGY:

In order to adopt IoT, businesses need a strategy to manage all the moving parts. By mapping out a business strategy, IrisLogic can help customers get the most out of new technology and business insights to create disruptive value. We help our clients build:

- **Business Models**
- **Service Models**
- **New Revenue and Services**
- **CRM Processes**

CLOUD INTEGRATION AND PLATFORM DEVELOPMENT:

IoT solutions can use several enterprise systems. IrisLogic builds end-to-end solutions that incorporate all the necessary components so that asset data reaches all necessary touch points, enabling businesses to use their data right away:

- **Public Cloud on Amazon / Google / Microsoft Azure**
- **Private Cloud on OpenStack**
- **Hybrid Cloud using Cisco / HP / IBM**

DESIGN: IrisLogic development team uses flexible visualization frameworks, making your data accessible and usable in existing procedures. Our team of professionals can easily, and quickly provide you with:

- **Data Visualizations**
- **Real-Time Analytics**

DEVELOP: IrisLogic development team uses flexible visualization frameworks, making your data accessible and usable in existing procedures. Our team of professionals can easily, and quickly provide you with:

- **Mobile and Web Custom Development**
- **Integration with CRM and Other tools**

RUN & EVOLVE: IrisLogic partners with our customers to make sure their data and IoT solutions remain a long-term initiative providing continuous business value. To accomplish this mission, we provide:

- **Runtime Management & Support**
- **Roadmap Development and Analytics**
- **Platform Architecture and Vendor Selection**