SMART CITY

IoT Infrastructure

IP-based technologies are being embedded into an ever-growing array of sensors, devices, and other "things" to gather data and enable new types of functionality, including:

- GPS-enabled fleet management to improve dispatch efficiency, driver safety, and customer service

- Wearable devices to monitor health remotely to improve patient care

- Mobile payments to create a better retail experience by reducing checkout lines and encouraging shoppers to explore more sections in a store

- Connected sensors to understand the impact of transportation, energy use, weather, and more on air quality

- Contactless payments to enable devices, such as smart refrigerators, to re-order items

- Real-time supply-chain monitoring to track temperature, location, and other vital stats to improve the quality of perishable goods

These examples represent just a tiny fraction of IoT's potential. But to unlock these capabilities and benefits, organizations need an infrastructure to connect, integrate, control, and manage it all.

Your IoT infrastructure, managed by BCM One.

Your IoT devices must be continuously connected and transmitting data. You need to ensure that the infrastructure supports the volume and velocity of that data. Are you sending millions of tiny, one-way transactions per second, such as temperature readings from a sensor, or are they large files, like video streams? And of course, it must be secure, especially where health and other personal data is involved, and meet all applicable compliance requirements.

BCM One works with you to design and manage the right infrastructure for your IoT needs. We'll help you take the guesswork out of designing your IoT solution with a platform to accelerate deployment—including aggregating data, developing applications, and integrating with external services—while allowing for customizable control, so you can focus on delivering on the benefits.

BCM One helps you power IoT applications that are:

- Reliable
- Secure
- Scalable
- Flexible
- Cost-effective

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