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4 Advantages to Leveraging the Internet of Things in Government

When securing the nation and its economic prosperity, success hinges on transforming information into insight, insight into action and action to advance the mission. This process is conducted with various solutions and technologies—all of which are often put under extreme conditions and are in constant use. Since government assets and communications are mission critical, it's vital that solutions and devices enable officials to locate, track and manage personnel, classified materials and high-value assets in real time—with dependable solutions.

Beyond just utilizing rugged and reliable mobile devices, government organizations can take advantage of the opportunities afforded by the Internet of Things (IoT) by utilizing a set of enabling technologies to connect, capture and then analyze the data to make more informed decisions. Being able to quickly gather and

analyze data will allow government officials to take action faster and more efficiently. With flexibility, responsiveness and intelligence around assets, government organizations can track and manage processes, programs and people—leading to improved safety, organization and accuracy.

Whether you work in a federal government building or you're in local law enforcement in the field, you need the right assets in the right place at the right time. With asset management, cloud, mobile and Big Data technologies, this is possible. From network infrastructure management to voice and data systems, connecting your devices to one platform will enable you to gain actionable insight into your operations and processes—providing you the **asset intelligence** you need to improve your organization.



By leveraging asset intelligence, government entities stand to benefit from these key advantages:



I. Enhanced Asset Management

We live in a wireless, yet connected world, which has led to a level of mobility that has changed the way government organizations get things done. However, it also adds a level of complexity when it comes to managing and supporting devices and technologies.

When equipment is distributed to hundreds of people, shared by multiple resources or re-allocated between groups and agencies, keeping track can be challenging. This can lead to an insufficient supply of devices and technologies, and if resources are lost, damaged or inadequately stocked, it can be costly. With government budgets under constant restraint, it's becoming increasingly important to utilize assets as efficiently as possible. With visibility into their assets, government organizations can better track them (i.e., allocate them).

With intelligent devices and cloud technology, government organizations can keep better track of their asset inventory and better manage their resources anytime, anywhere. By giving physical assets a digital voice, organizations gain real-time visibility into the location, motion and state of their assets, people and transactions—ensuring that their assets are where they need to be when they need to be. With the Freedom of Information Act, government organizations must be able to provide information to the public in a timely manner and having asset intelligence allows them to do so by informing them of the location and state of their assets. This level of transparency and information availability is becoming increasingly important today, and organizations can prepare by leveraging end-to-end mobility and IoT solutions.

II. Improved Decision Making and Responsiveness

When real-time asset visibility enabled by cloud technology is combined with a variety of solutions, from rugged mobile devices to radio frequency identification (RFID) tags and two-way radios, your organization can make decisions faster. This increases your speed and flexibility and helps you reduce operational risks and benefits from assured outcomes.



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With connected devices, law enforcement officers have access to real-time information in the field, allowing them to better prepare for emergency situations and make more informed decisions.

Whether you're a security guard at a municipal court house or a federal agent, you must be able to communicate easily with your teams in order to coordinate effective responses. Moreover, when lives are on the line, dependable communication is vital.

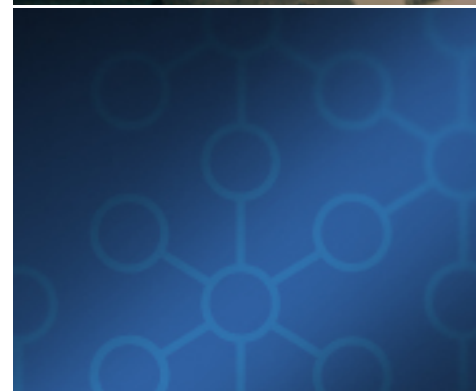
Public safety personnel and even war fighters need access to communication equipment capable of transmitting real-time messages.

Due to the highly regulated nature of government organizations, said communications often have to be recorded, stored and/or shared with other relevant parties. With the IoT, cloud technology is used to capture relevant information from connected devices, which is then analyzed and shared with the right resources. Not only does this keep all relevant parties privy to the right information, but it helps keep track of this information, like a form of asset management.

III. Increased Awareness and Collaboration

As mobile solutions and IoT technologies continue to transcend industries worldwide, government organizations stand to benefit from these solutions that drive increased awareness and collaboration internally and with citizens. With asset-management solutions in place, officials will have a clearer understanding of where they need to delegate resources, which will give them the awareness they need to better collaborate amongst themselves and their teams.

With connected devices, law enforcement officers have access to real-time information in the field, allowing them to better prepare for emergency situations and make more informed decisions. By utilizing solutions such as rugged mobile devices and printers, law enforcement professionals can issue citations quickly. Cloud technology can then capture and store information—making transactions seamless and more accurate—driving collaboration.



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IV. Improved Accuracy and Efficiency

Assets, people and transactions are mission critical in government organizations. In order to deliver security and safety across the board, officials need actionable intelligence; not only to ensure actions are executed properly but to drive efficiency, as well. From military operations to Department of Motor Vehicle procedures, transactions must be completed accurately.

With devices such as card and mobile printers, government officials can quickly and efficiently conduct

transactions. By adopting an electronic process, transactions are less prone to manual error and by storing things like history and records, organizations can eliminate or reduce physical documentation, as well—which improves efficiency.

Advances in mobile technology and the IoT are dramatically improving the way government organizations operate. Utilizing asset intelligence delivered through these solutions is what enables officials to pinpoint inefficiencies in real time, helping them build progressive plans to move toward a higher level of performance, safety and security.

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