Introduction

We all understand the benefits of using our smartphones to help guide our way to the nearest business or find a destination in an unfamiliar city. Simplifying the process of finding a destination with a mapping application can help both companies and individuals save time and money.

These same benefits can extend to location services within the enterprise using indoor location-based services (LBS). Indoor LBS are currently used in a variety of enterprise environments to increase employee productivity and operational efficiency. Companies in industries ranging from healthcare and manufacturing to mining and energy have all benefited from this technology. For example, a tire manufacturer uses indoor LBS to help their fork lift operators quickly locate and retrieve work in process as it moves through production. As a result, they reduced production related scrap and increased cycle time.

Extending the value of Location-Based Services with Intel

Now Intel and AeroScout, a leader in LBS infrastructure, are working together to expand the opportunity for enterprises everywhere to take advantage of these capabilities with Intel® Core™ vPro™ Technology with Location-Based Services.

Tracking a device has traditionally meant attaching a discrete battery powered “tag” to the target item being tracked. The tag pings the Wi-Fi network, enabling its location to be triangulated. New tablet, notebook, or Ultrabook™ systems equipped with a 4th generation Intel® Core™ vPro™ processor integrate the AeroScout tag directly into the device. Integrating the tag eliminates the need for a discrete tag which can help reduce cost. And, because it’s Intel vPro Technology, IT can remotely manage groups of tags instead of programming each individually.

In conjunction with the launch of 4th generation Intel Core vPro processors, AeroScout will make available a special version of its MobileView® software. Once the user chooses to “opt in” MobileView will begin to provide real-time location information. This special version of MobileView includes support for two location use cases: “find near me” and “asset tracking.”

- The find near me use case can help individuals locate resources and assets within the enterprise more quickly.
- The asset tracking capability can help quickly locate devices with a 4th Generation Intel Core vPro Processor within your campus, even when the device is in sleep mode.

Enterprises can deploy this version of MobileView to implement these two use cases, and begin considering additional usages.
Find Near Me Example Usages

In industrial environments, such as energy and utilities, organizations are using “find near me” to track the location of equipment requiring maintenance. Lift truck drivers can use find near me to more quickly locate inventory in a warehouse environment. Employees in large multi-location business and government organizations can use find near me to more quickly locate assets, like printers, conference rooms, or other resources when visiting a remote office.

Realizing the Potential of Indoor LBS

Today more than ever, information drives business—and almost universally, information is electronic. The ability to enhance electronic information, such as medical records, equipment schematics, and warehouse inventory data, with location data can enable new opportunities for improved customer service and increased employee productivity. Imagine professionals spending less time trying to locate or access information necessary to do their jobs. Information proactively provided to them on a timely basis, based on where they are within the work environment, can help accelerate work and increase efficiency. Location-based usages like these can be realized with enhanced solutions from AeroScout. New Ultrabook 2-in-1 devices with 4th generation Intel Core vPro processors with location-based services are the ideal platforms for enabling these usages.

Summary

In today’s business environment, competitive advantage is often based upon access to information. Indoor LBS is a powerful tool with a proven ability to enhance workplace productivity and efficiency. Intel and AeroScout are working together to expand the opportunity for enterprises to benefit from these capabilities. New Ultrabook™ and mobile PC with Intel® Core™ vPro™ Technology with Location-Based Services can help you realize the untapped potential within your company.

For more information please visit www.intel.com/vpro or www.aeroscout.com/intelLBS

AeroScout, now a division of Stanley Black & Decker, is a global market leader in Wi-Fi-based Location Services. The company’s real-time location solutions enable customers to visualize actual operational performance, identify wasteful processes, reduce cycle time, and improve operations, while leveraging the existing corporate Wi-Fi network. AeroScout’s solutions are used by more than 1,000 customers worldwide to automate business processes and improve operations.