OMNILINK

OmniLink Enables New Location Services

Keeping track of people and assets can vastly simplify a complex world. As more and more companies have widely distributed assets, it becomes imperative to know where they are at all times. Likewise, families concerned about loved ones with Alzheimer’s can obtain comfort and security by knowing the patient’s location at any given time. OmniLink offers location-based services designed to help customers keep track of people and assets. The company’s hardware and software solutions provide constant, real-time monitoring capabilities for the criminal justice system, healthcare professionals, banking industry and others.

As prisons become increasingly crowded and repeat offender rates continue to climb, local governments are turning to OmniLink to reduce the stress on prisons and government budgets. Parolees, sex offenders and those on house arrest wear ankle bracelets and GPS tethers that keep law enforcement agents constantly aware of offenders' locations. Similarly, the technology is being used to track other groups of people including Alzheimer’s patients, truant students and mobile workers. Once this equipment is “installed,” OmniLink’s software platform, FocalPoint, allows employers, law enforcement officials, schools and family members to track relevant parties and keep their constituents safe.

OmniLink has also been used to track high-value mobile assets including bank bags, laptops, vehicles and retail goods whether they are indoors, outdoors, traveling by truck or at a fixed location.

The sensitive nature of many of OmniLink’s applications necessitates network coverage in a variety of settings. When tracking a sex offender, Alzheimer’s patient, or highly valued asset, the network needs to have a nationwide coverage with strong signal strength indoors, outdoors, and in rural settings as well as city centers. OmniLink’s need for this level of ubiquitous connectivity was the prime reason they chose CDMA2000® to implement their solution.

Applications for remote people tracking and monitoring are generally addressing very large opportunities. For example, 800,000 children go missing in the United States each year and over 5 million elderly are suffering from Alzheimer’s disease or dementia.

No matter how one calculates return on investment for this type of application, the demographics related to people tracking demonstrate important returns.

Sources: Harbor Research and OmniLink, Inc.