



Triggering growth through deployment of Automatic Identification and Data Capture (AIDC) products

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The Indian security distribution market has undergone a dramatic change in recent years with the entry of MNC distribution houses with their rich knowledge of security distribution and vendor relationships. ADI is an organization that has spearheaded this initiative and brought many industry players, both existing and new entrants, into this value chain of service/product delivery. One such company, Honeywell Scanning & Mobility, talks about the Automatic Identification and Data Capture (AIDC) industry and some of their specific products.

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Automatic Identification and Data Capture (AIDC)

The AIDC industry that includes barcodes, smart cards, RFID, biometrics and EAS is one of the fastest growing segments of the economy anywhere in the world. The globalization of the Indian economy has provided huge growth potential for the AIDC industry.

The retail vertical is one of the key drivers of the industry. Other application areas include manufacturing, logistics & pharma industry.

Honeywell Scanning & Mobility (HSM)

Honeywell Scanning & Mobility (HSM) is an affiliate of Honeywell Security & Data Collection (HSDC) under Honeywell Automation and Control Solutions group. HSM was founded in July 2008 after Honeywell International acquired Metrologic Instruments, an industry-leading data capture and collection company, and integrated it with Hand Held Products, another advanced manufacturer of im-

aging and mobility solutions that Honeywell acquired last year.

Today, HSM is a leading manufacturer of high-performance image- and laser-based data collection hardware, including rugged mobile computers and bar code scanners. The HSM product portfolio is one of the broadest in the AIDC industry, providing solutions for vertical markets such as retail, manufacturing, healthcare, transportation and logistics. HSM complements the innovative products with advanced software, services and professional solutions that enable customers to effectively manage their data and assets.

Metrologic redefined the point-of-sale environment in 1975, with the introduction of the world's first retail, hand-held laser scanner. For more than thirty years, Metrologic has distinguished itself as a leading supplier of data capture solutions for major retailers around the world. Today, Honeywell provides cost-effective point-of-sale





solutions for low volume to high volume throughput needs of retailers. HSM offers a full range of laser scanners and area imagers that provide aggressive scanning designed to improve checkout productivity and customer service.

Key Applications

Many retail stores have loyalty programs and credit provisions that require customers to fill out lengthy paper applications. Honeywell's EasyID software plug-in reduces transaction time by automatically populating electronic forms. Retailers must maintain accurate records of their inventory to be successful in today's marketplace. HSM offers a variety of tethered and cordless scanners and mobile computers that provide aggressive decoding of standard 1D and 2D bar codes for stock take, stock audit applications and inventory transactions.

Manufacturing settings present numerous challenges to bar code scanners, including the presence of water, dust and dirt, as well as accidental drops. Honeywell took these factors into consideration and introduced scanning hardware made

specifically for this market. The industrial range delivers rugged products durable enough to withstand the challenges of harsh environments.

It is important for manufacturers in today's competitive marketplace to maintain accurate records of raw materials, work in progress (WIP) and finished inventory. The use of bar codes can streamline this process. As each stage in the manufacturing process is completed, the appropriate bar code on the work order is scanned. Information such as



the employee identification number and the quantity completed is then transmitted to the host ERP system. HSM presentation scanners aggressively scan bar codes passing by the scan window and are ideal for WIP tracking. Just like retail environments, HSM also offers a variety of industrial tethered and cordless scanners and mobile computers for inventory tracking and transactions in manufacturing.

HSM products are sold worldwide through a network of distributor and reseller partners. In India, these products are now available through the distribution network of ADI India.

The use of bar code scanners has streamlined the order picking process in recent years. Each item in a warehouse can be marked with a bar coded label that is scanned when the item is picked for an order. HSM offers a variety of hardware solutions, including tethered or wireless

laser-based or imaging-based scanners and mobile computers, designed to improve productivity in order picking applications.

To improve the profile and create awareness of this new brand in the AIDC industry, HSM is participating in the upcoming India PackPlus & AIDC Show 2009, to be held at the Pragati Maidan, New Delhi, India from Jul 8 to 11 2009 (Booth No. 12.28). Many of the applications and products will be demonstrated at the booth and some new products are expected to be launched.
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