AIDC is an item's passport to the digital world; allowing the digital world to provide services (IoT) to the physical world

Customer problem:

A lack of reliable, relevant, timely, and secure information about people, places, and things.

Product/ Service:

AIDC uniquely identifies people, places, and things to enable collection and communication of accurate, reliable, timely information for industrial customers and consumers.

Competitive advantage:

Speed, accuracy and now convenience for your customers. Customers will pay for any of the three of these, and especially when it is all three.

IoT is the next step in AIDC

Consider the refrigerator that does automatic reorders. Why not add scan engine to scan the UPC code? Or have an RFID enabled Shelf!

Consider the technological gear being set up in your home by yourself. Use a barcode, RFID, or even BLE to access the internet to get installation guides and videos.

When implementing IOT and AIDC It is important to define the problem in order to understand the ROI.

Also, consider implementing RFID in automobiles for traffic congestion abatement. Before, the city had to dig up the street and add a loop and then wire that into the infrastructure. Now an RFID reader and RFID chip on a car can do the same thing at less cost and also enable parking garages, Highway toll Lane, getting rid of toll plazas, Etc. Kenny has a great example from Taiwan.

Example: By scanning the QR Code on a product with a smartphone, users are immediately connected to the manufacture website, where they can register their product. Once registered, users can access services such as verifying the unit's current warranty coverage period, view dealer contact information, find out where to call for service support and get answers to frequently asked questions, as well as download operation manuals, service manuals and spare parts catalogs.

AIDC - Automatic Identification and Data Capture

IoT - Internet of Things

aim | Advancing Identification Matters

AIM is the industry association that allows automatic identification, the "voice of the IoT," to operate within the larger IoT ecosystem. AIM exists to ensure that the IoT experience is secure, interoperable and future-proofed, allowing for a seamless end user experience; anywhere from manufacturing to the ultimate point of use. Without AIM, safe standardized solutions at every level, from the home on up to government, become seriously compromised or segmented.

AIM
is the
"Voice of the IoT"

aim | Advancing Identification Matters

Education • Advocacy • Standards • Collaboration

www.aimglobal.org