What is Auto Identification Data Capture (AIDC)?

AIDC refers to the methods of automatically identifying objects, collecting data about them, and entering that data directly into computer systems (without human involvement). Technologies typically considered as part of AIDC include bar codes, Radio Frequency Identification (RFID), biometrics, magnetic stripes, optical character recognition, smart cards and voice recognition.

Who is the AIDC Task Force?

The AIDC Task Force of AgGateway is a collection of companies seeking to promote AIDC expansion across the agribusiness supply chain by addressing the concerns of fellow members regarding new technology and by providing:

1. The latest thought leadership and education on track and trace systems,
2. Documentation of use cases and process flow diagrams specific to agribusiness,
3. A value calculator and ancillary support for implementations
4. Creation of global standards in conjunction with CRISTAL, and
5. Networking opportunities for AgGateway members and outside communities in support of AIDC adoption.

Why Implement AIDC?

To achieve the level of efficiency needed to meet AgGateway’s mission and to meet farmers’ expectations, agribusinesses must have accurate and real-time information about production, distribution, inventory and consumption. The implementation of AIDC technologies (bar coding and RFID, electronic messaging and data synchronisation) creates this highly responsive supply chain.

Implementation of “track and trace” systems based on AIDC technology across the supply chain enables agribusiness to:

- Capture product information down to the field level
- Manage the global supply in real-time by creating a “chain of custody”
- Prevent counterfeit, inferior products from flooding the market
- Deliver accurate data to government agencies
- React swiftly, when required, to identify sources of contamination within the food supply chain
- Secure our Freedom to Operate (FTO)
The Time to Get Started is Now

While there are considerable benefits to AIDC, the agriculture industry has lagged behind other industries in implementation. Some of the hurdles AgGateway members note in AIDC implementation include training warehouse employees, scanner procurement and maintenance, installation of a new system throughout a company’s network, and cost.

With the right partnerships and support, these hurdles are all easily overcome. Given the significant benefits of AIDC for agribusiness, the time is now to find out how your company can implement this technology.

Next Steps

1. Contact the AIDC Task Force to learn more and to find an appropriate partner.
2. Document the goals for the project. Define success.
3. Document existing workflows/processes in order to determine how best to apply AIDC technology.
4. Document the intersection of people, process and technology to create your roadmap.
5. Review use cases and value calculations.
6. Work with your preferred integrator to move the project forward – with software, hardware and services.

Find Out More!

Contact us at Member.Services@AgGateway.org or call +1 866-251-8618

Join us at the Mid-Year Meeting and Annual Conference

Visit us at: AgGateway.AIDC.com