



ICLogistics: Agriculture's Partner for the Future

Overview: ICLogistics delivers significant cost savings, an unprecedented level of access to information and electronic data management, and international reach to the agricultural industry. By combining a business-to-business (B2B) technology model with a patent-pending process for exchanging data, ICLogistics solves the "last mile" bandwidth issue for data exchange faced by the agriculture industry. This enhanced level of information availability can substantially boost the research, supply and risk management, and new market capabilities of users.

End-to-End Value for the Agricultural Industry:

- **Research** – ICLogistics solutions allow national and international research collaboration, on projects such as the development of new plant varieties, in a secure environment. This protects an institutions' investment in its intellectual property while facilitating variety development by tracking yields and nutrient content among other factors.
- **Risk Management** – Risk is inherent to the agricultural industry in areas ranging from pest management to foodborne illnesses. The solutions allow producers to track risk factors and easily move to mitigate risk when needed.
- **Supply Chain Management** – ICLogistics solutions offer the opportunity for collaboration and real time data exchange between critical members of the agricultural supply chain, such as growers and value-added processors, allowing for up-to-the-minute information on production schedules, demand, etc. This facilitates commerce, customer service and cost savings and minimizes spoilage.
- **International Markets** – The solutions give importers and exporters the ability to provide ports, Customs, freight forwarders, APHIS and others real time data, allowing products to move unimpeded across borders, an acute need for producers of perishables. The software's power also prepares the entire industry to easily comply with future national and international regulatory changes, such as GMO or country of origin labeling.

KEY PRIORITIES FOR AGRICULTURE

* Applying technology to its fullest potential....and adopting a forward-looking regulatory system that ensures the integrity of technology advancements in food and agriculture;

* Improving and expanding risk management tools for producers to better prepare the agriculture sector when it faces difficult and challenging times; and

* Continuing to expand and open new international markets

-Excerpted from Secretary Veneman Statement, February 2003

Technology: The same way a desktop computer can print documents to a variety of printers by altering the printer selection, ICLogistics solutions have the ability to convert data to make it available to a variety of users, in the format they require. This is done without requiring a researcher, grower or exporter to purchase or run multiple software systems. By housing the required data on the web, information is always available in real time, creating the productivity gains, cost reductions and new capabilities discussed above. ICLogistics can also provide its licensed VFE™ secure environment to surround the data with a Department of Defense level secure environment, despite data being stored on the web. The software solutions can run on most desktop computers, making them easily accessible to non-technical users. The requirements include: a Pentium-based system with 128MB RAM; Windows NT 4.0/Windows 2000 (Windows 98 compatible); MS Access; JDK 1.3; J2EE sdk 1.3.

Rural Pro India, A Case Study: Rural Pro was designed to create a one-stop agricultural solution for remote rural areas. ICLogistics and a local Indian partner installed solar-powered kiosks in rural India, providing Indian farmers with access to an eMarketplace and biofarming management tools with the aim of making them more efficient producers and suppliers. The kiosks also allowed for field data collection via farm community websites, which was then integrated into a collaborative database environment. Information was transmitted to and from kiosks via satellite links.