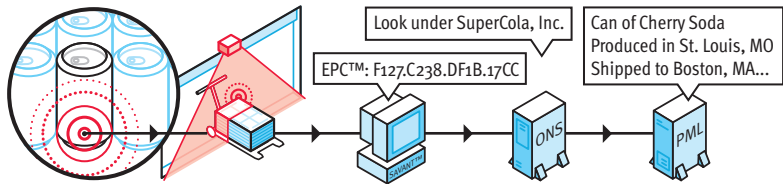


THE EPC™ NETWORK: HOW DOES IT WORK?

With the new EPC™ network, manufacturers, distributors and retailers will be able to track and trace items automatically throughout the supply chain. Here's how it works:



1. An Electronic Product Code (EPC™) is embedded into microscopic “smart tags,” and attached to an item. At 400 microns square, the tags are smaller than a grain of sand. These tags allow the items to be tracked in a completely automated, cost-effective fashion.
2. Radio Frequency Identification (RFID) readers can scan each smart tag and send the item's EPC™ to a computer running Savant™.
3. Savant™, middleware that connects the Auto ID architecture, queries an Object Name Service (ONS) database.
4. The ONS maps the EPC™ to a URL where all of the item's information is stored using Physical Markup Language (PML).
5. The PML server contains information about the item itself, its manufacturing, shipping and other related data.