

Sagem Morpho® Biometric Scanning State-of-the-Art POSitiveID Verification for Point-of-Sale Systems



The heart of Food Service Solutions' cafeteria point of sale Software, POSitiveID™ System is a **Sagem-Morpho® biometric scanner**. We chose finger biometrics because of its accuracy, speed, expandability, and cost effectiveness. Biometrics eliminates lost or forgotten swipe cards, sharing of Personal Identification Numbers (PIN's), fraudulent ID card use or exchange, and card issuing or replacement costs.

Never again will a student hold up a lunch line to search for his/her ID card, or have someone else charge a meal on their account. With a Sagem Morpho biometric scanner, the student carries their ID with them at all times. In addition, both parents and students can rest assured that the biometric images cannot be used by law enforcement for identification purposes. Only a mathematical algorithm remains in the system after registration.....not fingerprint images.

Benefits of Biometric Scanner

- Fully integrated into POSitive ID™ System.
- Eliminates the cost of issuing, replacement, and fraudulent use of cards.
- Provides irrefutable evidence of a student's identification. Safe, secure, and accurate.
- Actual fingerprint images are not stored. The system selects intersection of lines on the fingerprint and converts those intersections to a proprietary "identity template" represented by numbers using a 128-bit encryption proprietary algorithm. This template is used on an ongoing basis to recognize the individual as they come through a serving line.
- It would be impossible for someone to reverse-engineer (reproduce) the fingerprint from the sample of a select number of intersections chosen by the algorithm. Regardless, the identity template does not even represent the entire fingerprint.