

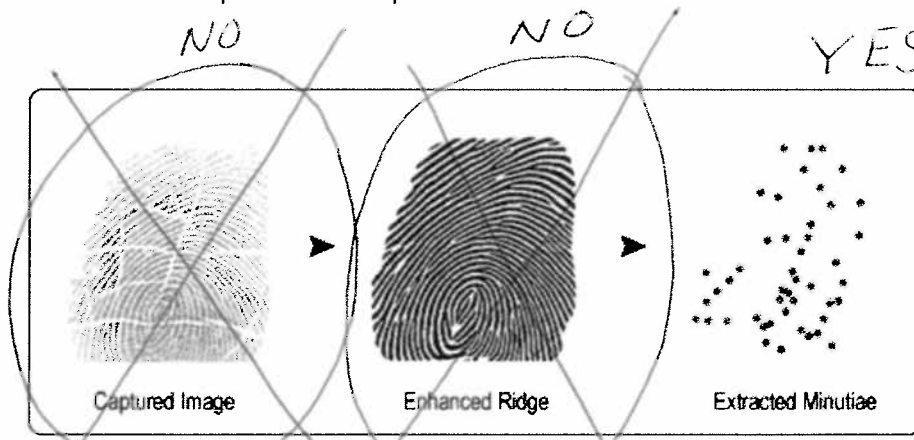
SL-Tech is proud to bring to you a new student access device that uses a touchpad scanner as a method to identify students. Finger scan recognition, one of the oldest methods of biometric identification, is a relatively new technology for school foodservice. We have put together this list of Frequently Asked Questions about biometrics and our product to help you better understand this technology and its application.

What is biometric scan technology?

Biometric technology is the use of automated touchpad scanning to recognize a person based on their finger image or template. A finger consists of ridges (lines across fingers) and valleys (spaces between ridges). The pattern of the ridges and valleys is unique for each individual, making it one of the most popular biometric tools that can be used for identification. It can be deployed in a varied range of environments. For example, this technology has been used as a security system for ATMs, computer networks, cell phones; for membership management and access control at Disney World or SeaWorld; and for keyless entry to homes and cars. It is fast, accurate and cost-effective.

How does it work?

SL-Tech's biometric solution uses a scanner to generate an image of the ridges and valleys that make up an image. This image is converted to a template which consists of minutiae points on a finger that are unique to an individual. The measured area consists in average of about 30-60 minutiae points depending on the finger and on the scanner area. The template sizes vary from 100 bytes to 1500 bytes depending on the algorithm. The device can store up to 9090 templates.



what scan looks like



PAD+

PRODUCT INFORMATION

The new input device is a combination device with:

- ◆ Keypad for PIN number entry
- ◆ Barcode slot for ID cards
- ◆ Touchpad scanner for finger scans



All the three work concurrently, offering flexibility and the opportunity to use the same device across all age groups.

Communication Options

- ◆ USB with PCs and Thin Clients

How Does It Work?

The touchpad scanner uses the differences between the ridges and valleys of a finger to create a template unique to each person. Storing templates reduces data-storage requirements, speeds matching, and eliminates security issues that surround saving actual fingerprints.

Our system DOES NOT store fingerprints or images of the fingerprint. In addition, it cannot be used for any other purpose than identifying a student for their school meal.

FREQUENTLY ASKED QUESTIONS

1

Will the touchpad scanner work with WebSMARTT POS software and record who has received a meal?

The touchpad scanner works with WebSMARTT the same as if an entry were made from a keypad or from a barcode reader. It is an additional feature for the foodservice system. Following each use of the touchpad scanner, the software will record the meal much like it would any other form of entry.

2

How long does it take to recognize a student with the touchpad scanner?

Our system identifies students in about 1-2 seconds. Both accuracy and speed are dramatically improved with this system compared to PIN numbers and ID cards.

3

Does the device actually store the student's fingerprint?

Our system DOES NOT store fingerprints or images of the fingerprint. Our software requires only the scan template of a child for identification.

4

Could someone create a fingerprint image from the template stored in the device?

There is no way to generate a fingerprint from the stored template. The simple reason is that points on a single finger scan template will fit an infinite number of fingerprints that could have been used to generate it.

5

What happens if a child has opted out of using biometrics? How can I process his/her meal?

The PAD+ device is a 3-in-1 device, meaning that it supports three forms of input: ID cards, PIN numbers and finger scans. Children who have opted out of the touchpad scanner program can input their ID cards or PIN numbers into the same device.