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EXCELLENCE  
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**Higley High School**

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4068 East Pecos Road  
Gilbert, AZ 85295

# HIGLEY HIGH SCHOOL

“An AZ Learns Excelling School”

Dear Parent/Guardian:

Beginning **March 21, 2011** a new component to our computerized system for purchasing meals will begin to be implemented at Higley High School. This new upgrade to our system is called **Touch N Go®** with the use of Biometric readers, and it will allow all students complete privacy at the point of service but by far the best benefit is that it will all but eliminate any waiting in line for our students!

Students may opt in to use a biometric reader finger-scan to identify themselves when enjoying meal service in the cafeteria. This system offers complete privacy and use of the device is 100% optional. If a student does not wish to participate, they will still be able to access their Meal Time account and participate in the meal program using their name or student ID number. The old system will always be available at every point of service.

**The system does not store an image or photo of the student's fingerprint.** The scanner examines a few points of a fingerprint and generates unique numbers based on those points to create a secure key called a "string". Only the "string" value is retained for reference back to the student. These numbers cannot be converted into an actual fingerprint image; fingerprints cannot be regenerated or reproduced for any purpose. The actual "string" information is attained only once and will be used the entire school year. Please go to [www.husd.org](http://www.husd.org), click on the Touch N' Go® link to read a handout that explains the process in detail.

For additional information concerning the scanners, feel free to visit the vendor's website: "www.digitalpersona.com" to see how this product is used by fast food Restaurants, Hospitals and High Tech companies around the world. For information about the meal service system, visit [www.mealtimeclm.com](http://www.mealtimeclm.com).

Parent/Guardian, if your child can participate in this upgrade please complete the form below and return to the Cafeteria Manager at your child's school.

Sincerely,

Marie E. Yilla,  
Food Service General Manager

\_\_\_\_\_ detach here \_\_\_\_\_

## HUSD FOOD SERVICE DEPARTMENT SY 10/11 OPT IN NOTIFICATION

School: Higley High School Student Name: \_\_\_\_\_

\_\_\_\_\_, my child (*name mentioned above*) can  
(Print Parent/Guardian name)

participate in the new Biometric reader upgrade at his or her school effective upon receipt of this signed document. We choose to opt in.

\_\_\_\_\_  
(Parent/Guardian Signature)

\_\_\_\_\_  
(Date)

**Please detach this form and return to your child's cafeteria manager.**

**LARRY ROTHER - PRINCIPAL**  
**JENNIFER BURKS - ASST. PRINCIPAL**  
**ANN TEMPLETON - ASST. PRINCIPAL**  
**JOHN CORSARO - DEAN OF STUDENTS**

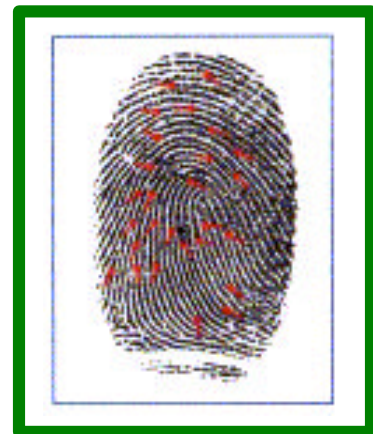
The  *SAGEM MORPHO, Inc.* **Biometric Process**



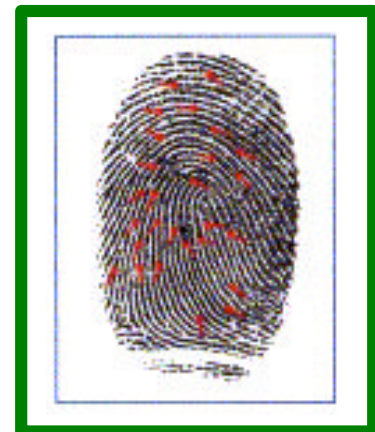
**Step 1: Finger is scanned and viewed by the MorphoTouch access unit at the point of entry.**

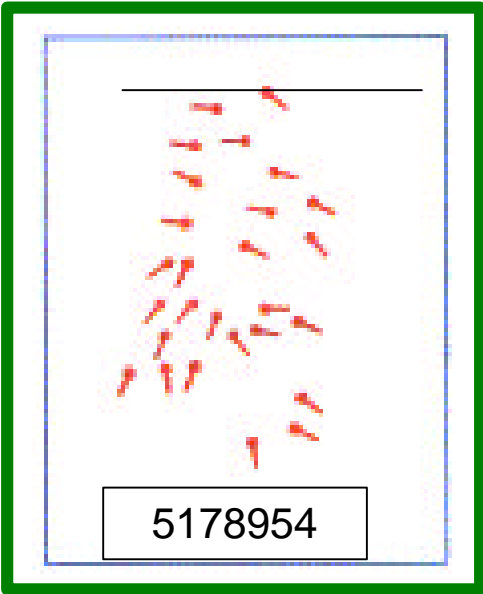


**Step 2: In applications for children (under the age of 18) the image is standardized and resized before processing.**



**Step 3: System develops a grid of intersection points from the swirls and arcs of the scanned finger.**





**Step 4: The image is discarded from the record and is no longer available to the system or any operator. Only a “Template” remains that indicates the intersection points.**



207895.3094.92345.128056.1239  
87.10294.24360.193245.3495.29  
83.07895.3094.92345.128056.12  
3987.10294.24360.193245.3495.  
2983.7895.3094.92345.128056.1  
23987.10294.24360.193245.3495  
.2983.207895.3094.92345.12805  
6.123987.10294.24360.193245.3  
495.2983.07895.3094.92345.128  
056.123987.10294.24360.193245  
.3495.2983.7895.3094.92345.128  
056.123987.10294.24360.193245  
.3495.2983.207895.3094.92345.1  
28056.123987.10294.24360.1932  
45.3495.2983.07895.3094.92345.  
128 5178954 0.193  
245 2345.

**Step 5: In fact, all that the MorphoTouch stores and recognizes for each individual is a set of numbers that can only be interpreted as a template.**



**The system only remembers and processes numbers for each individual, just like a social security number. The advantages with a biometric approach is that the number cannot be duplicated, lost or stolen, and, uniqueness is defined by the individual.**

**The differences between forensic (or, criminal) applications and the MorphoTouch commercial product:**

- **The MorphoTouch captures only 1 or 2 fingers**
- **Forensic AFIS applications capture all 10 fingers**
  
- **The MorphoTouch captures flat images**
- **Forensic AFIS applications capture rolled images**
  
- **Flat images reveal the center of the finger and require only a minimum of unique identifying points (around 40)**
- **Rolled images are called “nail to nail” because they capture unique identifying points on the entire finger surface area in order to collect the maximum number of unique identifying points (around 112)**
  
- **For applications involving children, the MorphoTouch standardizes and resizes the image before looking for unique identifying points.**
- **In forensic applications, finger resizing and standardization is not allowed.**
  
- **Data taken from a resized (children’s) image on a MorphoTouch system cannot be used on a forensic system**
- **Data taken from a forensic system juvenile record cannot be used on a MorphoTouch system**

- The primary purpose of a forensic system is to identify suspects based upon latent images taken from a crime scene
- The purpose of the MorphoTouch is to quickly and accurately verify a person already known to the system

## FAQ's

“Can my child’s finger print be taken off of the MorphoTouch?” **No. The finger print image is not stored, only evaluated.**

“OK, so can my child’s fingerprint data be taken off the MorphoTouch and used to re-create their fingerprint?” **No. There is no way for any fingerprint computer, or for that matter, any fingerprint expert, to extract the record and reconstruct a person’s fingerprint image from this data. To be clear, there is no possibility of “reverse identification” as it is called in the biometric industry.**

“But can my child’s fingerprint *data* be taken off the MorphoTouch and used as is on another fingerprinting system?” **No. Because of the way the image is evaluated, the resulting record is useless to a forensic application.**

“Can my child’s fingerprint be copied or used by anyone else?” No. It is not possible to duplicate or falsify fingerprints with the accuracy necessary for unique identification.