Employee Biometric Recognition Technology

Biometric Technology

S905 & UFACE TIME CLOCK MODELS

Biometric time clock technology helps to create a more secure workplace by verifying the identity of employees as part of the process. While the benefits of biometric time clocks in the workplace are well documented, some employees may have privacy concerns about this technology.

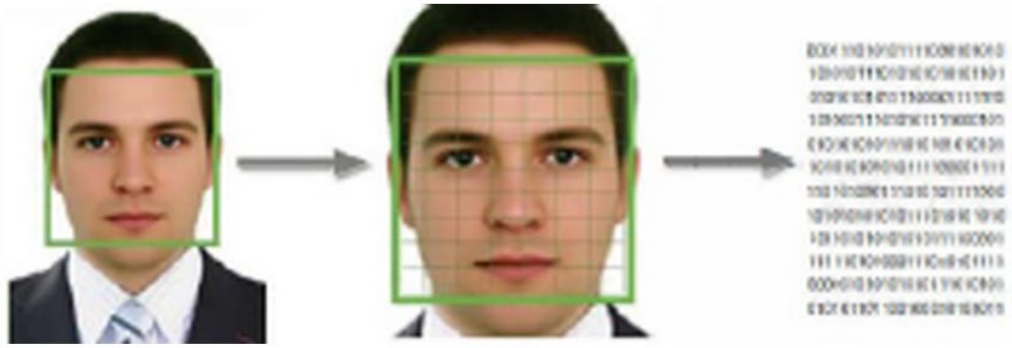
The human face and finger contain a number of unique physical characteristics called minutiae. The biometric time clocks take a series of measurements of these minutiae points and then uses a proprietary mathematical algorithm to convert the measurements into a binary number, comparable to a 60-digit password; as depicted in the illustrations. The binary number is the data which is stored on the clock, and used to identify the employee.

Illustration of the biometric fingerprint recognition technology used by S905 & uFace clock models:



Actual Fingerprint (Not Stored or Saved) Scanning Process Binary Data - CAN NOT be converted to actual fingerprint image.

Illustration of the biometric facial recognition technology used by the uFace clock model:



Actual Image of Face Scanning Process Binary Data

The biometric time clocks do not capture or store the image of the employees fingerprint or face. An image of the employee's finger or face is virtually impossible to recreate from the technology and data created by, and/or stored on the device.