

Our Timekeeping System Uses Finger-Scanning Technology

As a Xanterra employee, you will clock-in for work using a company-issued badge and the finger-scanner on our KRONOS timekeeping system. Finger-scanning technology is NOT the same as finger-printing technology... let us explain!

KRONOS time clocks use a Bioscript biometric technology, which DOES NOT actually collect or store fingerprints. Instead, it converts the image of the scanned fingerprint into an encrypted, mathematical representation of an employee's biometric data.

Finger "printing" technology is the collection and hard-copy storage of the actual fingertip image. It is used by automated fingerprint identification systems for law enforcement or forensic purposes. KRONOS DOES NOT DO THAT!

Finger "scanning" technology, as used in KRONOS, acquires the fingertip image but does not retain it. Instead, it stores particular data about the fingertip in a much smaller file. When KRONOS scans the finger during a supervised enrollment process, only an encrypted mathematical representation of the fingertip is stored, as shown below in Step 2. The numerical translation of the print is all that remains, making it virtually impossible to restore the original fingerprint image.

Step 1: Employees' fingerprints are scanned — not stored — before biometric data is converted.



Step 2: The image is converted to an encrypted mathematical representation, which can't be used to recreate the actual fingerprint.

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1011010  
0110101  
1101000  
0010110  
1001011  
0100011
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