

Properly capturing your fingerprint template

The most important consideration is getting the user to place *the same portion of their finger* on the sensor every time. Differences in finger placement cause fingerprint images to change from the original sample. Although VeriPrint Technology is designed to be relatively forgiving, giving users some allowed variation in the required finger placement, the sensor works best when users present fingerprints in a consistent position each time they place the finger upon it.



RIDGE-LOCK SYSTEM

Because consistent finger placement is critical for optimal performance, the RIDGE-LOCK SYSTEM was designed. This feature dramatically improves user finger placement consistency. From the figure above you can see how the extended ridge fits in the indentation of the finger directly under the joint. This makes for a very natural feeling when the finger is properly placed on the sensor. The **Ridge-Lock** is a raised ridge that helps the user to consistently place their finger in the *proper vertical location* with respect to the fingerprint sensor.

Verification problems may still occur even with proper Ridge-Lock use. The most common of these are cold fingers and an excessive use of hand lotion. If the finger applied to the sensor is too cold then the sensor is unable to read the fingerprint. In this case, simply wait until the finger is at regular body temperature and try again.