

**PRODUCT FOCUS****A CLOSER LOOK AT BIOMETRICS****BIOMETRIC ACCESS CONTROL SYSTEM****INCLUDES TIME-AND-ATTENDANCE FUNCTION**

The system is based on multimodal biometrics, using face/mimic and voice recognition. Users can also integrate video messaging, video intercom, video surveillance and videophone functions into the device. The system can be used to control almost any kind of I/O device, such as electronic locks, lights, alarm systems, fingerprint scanners and magnetic card readers. The unit is IP65-compliant with an aluminum front-casing and can be installed in the wall or mounted on the wall. The unit is equipped with an 8-in. color touch screen, an integrated camera, a built-in LED light, a motion detector, microphone, speakers and a central processing unit. The system also features built-in storage, internal memory, communication ports and a relay I/O controller. Smarti, TAB Systems ([tab-systems.com](http://tab-systems.com)) **Circle No. 16 or visit** [securitysolutions.com/productinfo](http://securitysolutions.com/productinfo).

**FINGER AUTHENTICATION MODULE****FOR EMBEDDED SYSTEM APPLICATIONS**

The module is designed for simple embedded system applications and has a template capacity of 4,000. The module is configured for 1:1 user verification, and the sensor tolerates electrostatic discharge (ESD) up to 15kV. It requires little support from the host system and performs well with dirty and dry fingers. An included fingermask simplifies finger placement and reduces incidents of false rejects. The system is smaller than a business card and displays 1-second enrollment and verification times. MV1510, Bioscrypt ([bioscrypt.com](http://bioscrypt.com)) **Circle No. 17 or visit** [securitysolutions.com/productinfo](http://securitysolutions.com/productinfo).

**BIOMETRIC TRANSPONDER****STORES UP TO SIX FINGERPRINTS**

The RF-based transponder replaces mechanical keys by requiring a fingerprint to unlock a door. The transponder can store up to six authorized fingerprints. For authentication, users push the button and swipe a finger across the sensor. If the fingerprint read matches one of the authorized fingerprints, the transponder will unlock the door and activate a range of equipment that is pre-authorized by the system administrator. The unit can be programmed to provide different levels of access at different times of day. If the transponder is lost or stolen, it can be disabled and replaced without the expense of mechanical changes to a lock. BT1 Biometric Transponder, SimonsVoss Technologies ([simons-voss.us](http://simons-voss.us)) **Circle No. 26 or visit** [securitysolutions.com/productinfo](http://securitysolutions.com/productinfo).

**BIOMETRIC SMART CARD READER****MEETS FIPS-201 STANDARDS**

The contactless smart card reader is capable of reading and processing the entire Card Holder Unique Identifier (CHUID). It can operate in a variety of identification modes, including non-PIV environments or multifactor authentication, offering a storage capacity of two biometric templates per person. The database can be downloaded via a network or a USB interface. The reader can operate as a standalone security system or be integrated into a network-wide security platform via supplier software. It has passed the GSA approved product requirements for the FIPS 201 Contactless CHUID Reader category. MorphoAccess 120 W (MA120 W), Sagem Morpho Inc. ([morpho.com](http://morpho.com)) **Circle No. 27 or visit** [securitysolutions.com/productinfo](http://securitysolutions.com/productinfo).

**BIOMETRIC IDENTITY MANAGEMENT PRODUCTS****BASED ON SUPPLIER'S IDENTITY MANAGEMENT PLATFORM**

The suite of applications offer government, law enforcement, border management and enterprise business personnel solutions to address government mandates and technology standards. The product suite includes an HSPD-12 Personal Identity Verification (PIV) manager, border management, ePassport and eVisa and applicant identity vetting systems, a mobile acquisition manager, disaster management software, physical access control software and access control software for single-sign-on and logical access control. The applications are based on the supplier's IWS Biometric Engine. IWS Biometric Engine Solutions Suite, ImageWare Systems Inc. ([iwsinc.com](http://iwsinc.com)) **Circle No. 28 or visit** [securitysolutions.com/productinfo](http://securitysolutions.com/productinfo).

**BIOMETRIC FINGERPRINT SENSORS****CAN BE EMBEDDED INTO HARDWARE**

The embedded biometric sensors capture the minutiae of a fingerprint for matching. The two sensors include the E3 sensor, which can integrate into any system, and the E1 sensor, which is a lower-cost option for devices already connected to a central processing unit. By embedding the devices into the hardware, the system only allows authorized users to access information on the network. Both devices include radio frequency (RF) sensors, which read below the surface of the finger to capture an image of the fingerprint at the corium level. The RF sensor ensures that the device gets an accurate scan, regardless of skin or weather conditions. E3, E1 Biometric Fingerprint Readers, Silex Technology ([silexamerica.com](http://silexamerica.com)) **Circle No. 30 or visit** [securitysolutions.com/productinfo](http://securitysolutions.com/productinfo).

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