

# Omega Technologies, Inc. Biometric Software Specifications

## Secure Office Extend

- **Function:** Replace Username and Password-based Windows logon with Biometrics-enabled logon
- **Operating systems currently supported:** Windows 95B/98/ME/NT/2000
- **Operating systems we are capable of supporting:** Linux, UNIX
- **Current LAN capability:** Windows-based LAN network
- **Other LAN capability:** Can support Linux, UNIX-based LAN networks. Case-by-case customization required.
- **WAN capable:** Yes (through Windows-based dialup networking only)
- **Integration capability:** Can be integrated into any Windows-based product. Case-by-case customization required
- **Scanning capability currently supported:** Optical scanning with fake fingerprint detection
- **Scanning capability we are capable of supporting:** Capacitance-based and thermal scanning
- **Scanning accuracy:** FAR 0.01% at an FRR of 1.4%
- **Scanning speed:** 0.1 second
- **Matching speed:** 100 fingerprints/sec
- **Other forms of identification:** User name
- **Front-end technology:** Replaces Windows 95B/98/ME/NT/2000 Logon with Biometrics Logon (integrated into the system)
- **Back-end technology:** Integrated into Windows NT/2000 User Accounts database
- **Current key installations:** US Navy - NETPDTC, Great Lakes Naval Training Center, IL

## BioEnter

- **Function:** Physically secure a room, floor, or a building using Biometrics-enabled door entry system
- **Operating systems currently supported:** Standalone unit capable of LAN/RS232 Serial port communications
- **Administration function currently supported:** Windows-based PC - RS232 and LAN communications with BioEnter unit
- **Administration function we are capable of supporting:** Linux, UNIX - LAN communications with BioEnter unit
- **Current LAN capability:** Windows-based LAN network
- **Other LAN capability:** Can support Linux, UNIX-based LAN networks. Case-by-case customization required
- **WAN capable:** Yes - through TCP/IP-based networking
- **Integration capability:** Can be integrated into any Windows-based product. Case-by-case customization required
- **Scanning capability currently supported:** Optical scanning with fake fingerprint detection
- **Scanning capability we are capable of supporting:** Capacitance-based and thermal scanning
- **Scanning accuracy:** FAR 0.01% at an FRR of 1.4%
- **Scanning speed:** 0.1 second
- **Matching speed:** 100 fingerprints/sec
- **Other forms of identification:** 2-6 digit PIN number
- **Front-end technology:** Independent fully functional module capable of withstanding tough climatic and external forces
- **Back-end technology:** Microsoft Access, Microsoft SQL Server, Oracle Server
- **Current key installations:** New product
- **Interest expressed by:** DOD, FBI, Businesses in Chicago, Virginia and South Asia

## METS

- **Function:** Monitor attendance and track status of employees and contractors using Biometrics-enabled check-in/check-out system
- **Operating systems currently supported:** Windows 95B/98/ME/NT/2000/XP
- **Operating systems we are capable of supporting:** Linux, UNIX
- **Current LAN capability:** Windows-based LAN network
- **Other LAN capability:** Can support Linux, UNIX-based LAN networks. Case-by-case customization required
- **WAN capable:** Yes - through TCP/IP-based networking
- **Integration capability:** Can be integrated into any Windows-based product. Case-by-case customization required
- **Scanning capability currently supported:** Optical scanning with fake fingerprint detection
- **Scanning capability we are capable of supporting:** Capacitance-based and thermal scanning
- **Scanning accuracy:** FAR 0.01% at an FRR of 1.4%
- **Scanning speed:** 0.1 second
- **Matching speed:** 100 fingerprints/sec
- **Other forms of identification:** 2-4 digit RAC (rapid access code) number
- **Front-end technology:** Screen-saver style application that displays current employee status and performs fingerprint identification
- **Back-end technology:** Microsoft Access, Microsoft SQL Server, Oracle Server
- **Variations of this products:** METS for Law Offices (special reports)
- **Current key installations:** Microhard Technologies Inc, Azulay and Azulay (Law offices)

## iMSOE

- **Function:** Integrated web-based solution providing biometrics-based authentication for a web-based emergency room patient management software
- **Operating systems currently supported:** Windows 95B/98/ME/NT/2000/XP
- **Operating systems we are capable of supporting:** Linux, UNIX
- **Current LAN capability:** Windows-based LAN network
- **Other LAN capability:** Can support Linux, UNIX-based LAN networks. Case-by-case customization required
- **WAN capable:** Yes - through TCP/IP-based networking
- **Integration capability:** Can be integrated into any Windows-based product. Case-by-case customization required
- **Scanning capability currently supported:** Optical scanning with fake fingerprint detection
- **Scanning capability we are capable of supporting:** Capacitance-based and thermal scanning
- **Scanning accuracy:** FAR 0.01% at an FRR of 1.4%
- **Scanning speed:** 0.1 second
- **Matching speed:** 100 fingerprints/sec
- **Other forms of identification:** 2-4 digit RAC (rapid access code) number
- **Front-end technology:** Internet Explorer 5.0 and above (or Netscape with ActiveX plug-in), any Windows-based application
- **Back-end technology:** Microsoft Access, Microsoft SQL Server, Oracle Server
- **Current key installations:** Pocono Medical Center, PA; Vince Medical Center, Alaska

## WebSOE

- **Function:** Web-based (ActiveX control) solution providing biometrics-based authentication for any web-based or LAN/WAN Windows application that needs secure user identification
- **Operating systems currently supported:** Windows 95B/98/ME/NT/2000/XP
- **Operating systems we are capable of supporting:** Linux, UNIX
- **Current LAN capability:** Windows-based LAN network
- **Other LAN capability:** Can support Linux, UNIX-based LAN networks. Case-by-case customization required
- **WAN capable:** Yes - through TCP/IP-based networking
- **Integration capability:** Can be integrated into any Windows-based product. Case-by-case customization required
- **Scanning capability currently supported:** Optical scanning with fake fingerprint detection
- **Scanning capability we are capable of supporting:** Capacitance-based and thermal scanning
- **Scanning accuracy:** FAR 0.01% at an FRR of 1.4%
- **Scanning speed:** 0.1 second
- **Matching speed:** 100 fingerprints/sec
- **Other forms of identification:** 2-4 digit RAC (rapid access code) number
- **Front-end technology:** Internet Explorer 5.0 and above (or Netscape with ActiveX plug-in), any Windows-based application
- **Back-end technology:** Microsoft Access, Microsoft SQL Server, Oracle Server
- **Current key integrations:** Telco Billing Solutions product, FL

## CareSOE

- **Function:** Monitor early release of children from school by identifying parents and guardians using Biometrics-enabled system
- **Operating systems currently supported:** Windows 95B/98/ME/NT/2000/XP
- Operating systems we are capable of supporting in the long-term: Linux, UNIX
- **Current LAN capability:** Windows-based LAN network
- **Other LAN capability:** Can support Linux, UNIX-based LAN networks. Case-by-case customization required
- **WAN capable:** Yes - through TCP/IP-based networking
- **Integration capability:** Can be integrated into any Windows-based product. Case-by-case customization required
- **Scanning capability currently supported:** Optical scanning with fake fingerprint detection
- **Scanning capability we are capable of supporting:** Capacitance-based and thermal scanning
- **Scanning accuracy:** FAR 0.01% at an FRR of 1.4%
- **Scanning speed:** 0.1 second
- **Matching speed:** 100 fingerprints/sec
- **Other forms of identification:** 4 digit PIN number
- **Front-end technology:** Front-desk application that displays parent/guardian information as identified and prints out release authorization
- **Back-end technology:** Microsoft Access, Microsoft SQL Server, Oracle Server
- **Current key installations:** Citrus Elementary School, FL