



Bio-Plugin™

WEBSERVER

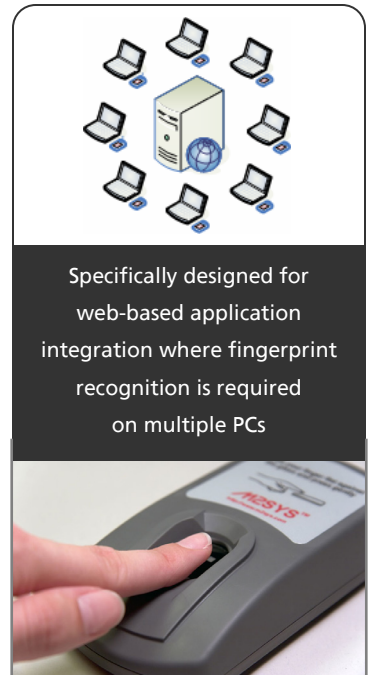
High-performance, enterprise-ready biometric system integration, without the SDK, in less than 24 hours.

Designed specifically for integration into Web-based software requiring fingerprint recognition from multiple networked PCs, Bio-Plugin™ WebServer is a completely developed, client/server biometrics system that instantly integrates with minimal development effort. The solution includes an easily installable client that seamlessly facilitates communication between your host software and a central identification engine, which performs all fingerprint comparison requests.

- C# .NET, VB .NET
- ASP, JSP, PHP
- Web-based, multi-PC applications
- Single instance database segmentation

M2SYS patent-pending integration methodology eliminates any system dependencies between your application and Bio-Plugin™ WebServer, relieving the burden of constantly recompiling code and managing the complexities of a tightly coupled fingerprint system. Our dedicated and experienced engineering team will even guide you through the integration process. In less than a day, you can have a fast, reliable system for 1:1 and/or 1:N fingerprint recognition available for immediate deployment.

M2SYS is setting the industry-standard for integrating complete biometric systems with a proven track record of integrating seamlessly with world-class enterprise software providers to help eliminate the inefficiencies and burden associated with internal development and ongoing support of biometric technology.



Specifically designed for web-based application integration where fingerprint recognition is required on multiple PCs

M2SYS™
BIOMETRIC TECHNOLOGY

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Features/Benefits:

- Integrate complete fingerprint system in less than a day
- No system dependencies between host and fingerprint software
- Avoid burdensome internal development and ongoing maintenance requirements
- Remain focused on core competencies
- Includes verification (1:1) and robust identification (1:N) software
- Automatic fingerprint database segmentation for Application Service Provider support
- Rely on biometrics R&D partner for continued best-of-breed development
- Supports any SQL compliant database, including MS SQL Server, Access, MySQL, Oracle 9i, DB2, Informix
- Scalable, multi-threaded server to optimize performance for large implementations

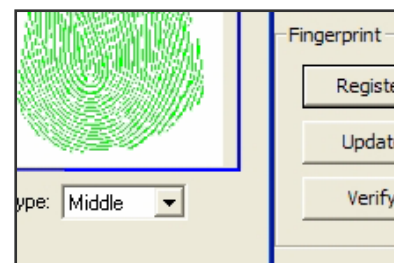
System Capabilities:

- Compression algorithm reduces size of stored records and improves speed
- Enroll fingerprints at 0.2 – 0.4 seconds and match 30,000 per second in an optimized setting
- Adaptive image filtration eliminates “noise” and allows minutiae extraction from even poor quality prints
- Does not require presence of fingerprint core or delta points
- Fully tolerant to fingerprint translation and rotation
- Unique global feature categorization increases effective matching speed
- Feature generalization improves reliability of enrolled fingerprints
- Encrypted fingerprint template data over network and in database

A trusted biometrics R&D partner for best-of-breed technology, integration support, and ongoing business development.

When you partner with M2SYS for your fingerprint recognition technology needs, you aren't just purchasing a development package and left to fend for yourself. With each integration partner, we assign an experienced engineer to guide you through the process, provide all supporting documentation, and ensure the system is tested and working properly.

Once the integration is complete, an M2SYS business development executive will work closely with your organization to make certain all sales, marketing, and training initiatives are continuously supported. At M2SYS, we strive to completely satisfy not only your biometric technology needs, but also the successful adoption of that technology by your end users.



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Bio-Plugin™ WebServer Enterprise Edition

- For use in 1:N identification of **more than 250+ records**

Bio-Plugin™ WebServer Standard Edition

- For use in 1:N identification of **up to 250 records**, or 1:1 verification only

Software Package Includes:

- Multi-user, high-performance fingerprint matching server plus client software
- Compatibility with distributed users over Internet
- Seamless database management, multiple fingerprint reader support
- Both 1:N and 1:1 matching capability
- Integration documentation, including sample code
- Full M2SYS assistance to ensure completion of integration
- System setup, configuration, and testing

M2-S™ Fingerprint Reader

The M2-S™ Fingerprint Reader has a rugged design to withstand the trials of everyday use, providing sturdiness unmatched by other sensors in the same price category. The "smart-touch" scanning area recognizes a live finger to reject latent and counterfeit images, and the sensor's on-board electronics control image capture, self-calibration, and image data encryption.

Category	Description
Connection	5' 10" USB cable
Type	Optical
Surface	Silicone layer
Calibration	N/A (device self-calibrates upon connection with USB port)
Image quality	512 dpi
Image format	JPEG, GIF, BITMAP, RAW, PNG (images can be saved in any format requested by host software)
Area for fingerprint scan	0.58" (nominal width at center) 0.71" (nominal length)
Lifecycle for fingerprint scan	500,000 touches
Operating System	Windows XP, 2000, Me, NT 4.0, and 98
Warranty	1 year mechanical defect
Dimensions	H: 5.5" W: 2.75" D: 1.00"
Weight	6 oz.
Image Data	8-bit grayscale (256 levels of gray)
Compatibility	USB specifications 1.0, 1.1, 2.0

For Bio-Plugin™ WebServer pricing information, or an application integration proposal, contact M2SYS at sales@m2sys.com or 770-933-6845.

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