

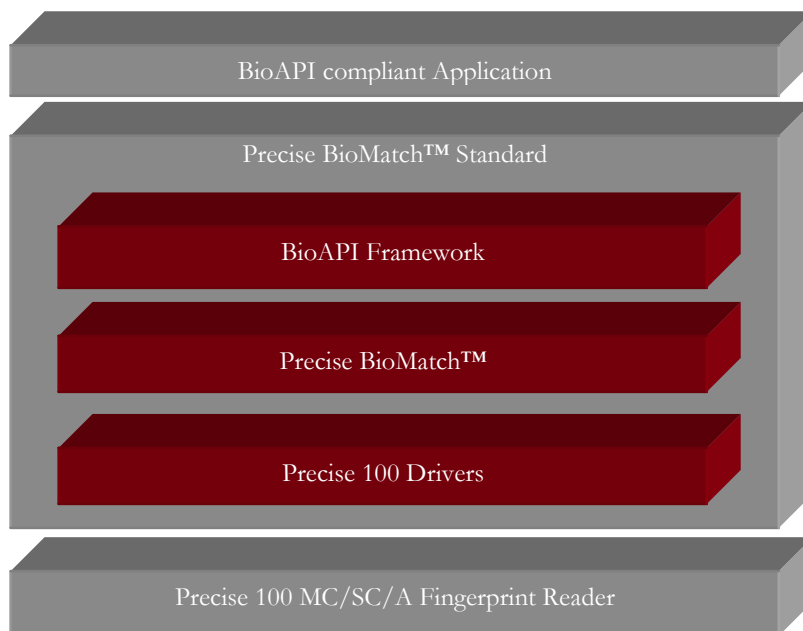
Precise BioMatch™ Standard Toolkit 1.0

- **DEVELOPMENT TOOL TO INTEGRATE THE PRECISE MATCHING ALGORITHM - PRECISE BIOMATCH™ INTO PC APPLICATIONS**
- **ENABLES PC AND SERVER MATCHING OF FINGERPRINTS**
- **COMPLIANT WITH THE BIOAPI¹ STANDARD**
- **IDENTIFIES PEOPLE, NOT PASSWORDS**

Precise BioMatch™ Standard Toolkit offers application providers the ability to integrate the Precise fingerprint matching algorithm, Precise BioMatch™, into any application that requires secure and convenient authentication. To ensure full interoperability, the toolkit is compliant with the widely accepted biometric standard BioAPI.

The essential part of Precise BioMatch™ Standard Toolkit is the software component Precise BioMatch™ Standard. This component consists of the matching algorithm Precise BioMatch™, drivers for the Precise 100 fingerprint readers and the BioAPI Framework. Together with a Precise 100 reader, it is possible to replace passwords with fingerprints. The fingerprints can be matched either locally - Match-on-PC, or centrally - Match-on-Server.

The patented matching algorithm Precise BioMatch™ is optimized for secure one-to-one matching. Based on pattern recognition, Precise BioMatch™ extracts unique information from the fingerprint. This gives a low False Acceptance Rate (FAR) and makes the algorithm less sensitive to distortions.



¹ BioAPI is a high-level biometric Application Programming Interface (API) that brings platform and device independence to application programmers and biometric service providers.

All specifications are subjects to change without notice



www.precisebiometrics.com

Sweden: **Precise Biometrics** Dag Hammarskjölds v 2, SE – 224 64 Lund
Phone +46 (0)46 311 100, Fax: +46 (0)46 311 101
E-mail: info@precisebiometrics.com

USA: **Precise Biometrics** 8300 Boone Boulevard, Suite 500, Vienna, VA 22182
Phone +1 (703) 848 9266, Fax: +1 (703) 832 0577
E-mail: infous@precisebiometrics.com

SPECIFICATIONS

PRODUCT DEFINITION

- Precise BioMatch™ Standard, including Precise BioMatch™, Precise 100 Drivers and the BioAPI Framework
- Bat files and merge modules for easy integration into applications
- Developers manual
- Documentation
- Integration support

FEATURES

- Integrates Precise's matching algorithm - Precise BioMatch™
- Compliant with the BioAPI standard
- Implementation guidelines assure correct and optimal use of Precise BioMatch™
- Guidance for best practice enrollment

TECHNICAL SPECIFICATIONS

- Template size: Approximately 550 bytes/fingerprint
- FAR²: 1:300.000
- FRR³: 1:100

SYSTEM REQUIREMENTS

- Precise 100 MC, Precise 100 SC, Precise 100 A, Precise 100 SC BioKeyboard or Precise 100 A BioKeyboard
- Microsoft Visual C++ 6.0



² FAR defines *False Acceptance Rate*. The measurement is performed with a database large enough to prove data statistically. The fingerprints are captured from users with different levels of experience with biometrics.

³ FRR defines *False Rejection Rate*, where as *one* failure counts as a false reject. The measurement is performed with a database large enough to prove data statistically. The fingerprints are captured from users with different levels of experience with biometrics.

All specifications are subjects to change without notice

