



## Multi-Biometric Identity Management Appliance

Improve Security & Safety

Increase ROI and Reduce Risks

Detect Identity Fraud

The benefits of deploying a robust and secure biometric system are finally within reach. Forget the complexities, long implementation cycles, and high costs of the past.



emfiva-F/FRS (and its **-GNS** version) by Merkatum is an open-architecture, workflow-driven, “out-of-the-box” biometric system that leverages facial and fingerprint recognition technologies to physiologically authenticate the identity of individuals as they interact within and across other information systems.

### ➤ Extremely Easy

- Simple and intuitive system
- Quick deployment turnaround
- Flexible data import and integration

### ➤ Uniquely Affordable

- Low acquisition cost
- Versions (Professional and Enterprise)
- Modular and Scalable

### Compliance

For regulated sectors where governmental mandates are guiding operational standards (such as Fast ID, HSPD-12, ICAO, HIPPA/ARRA, SOX, GLBA), **emfiva-F/FRS** helps organizations demonstrate compliance to regulations and audit requirements.

### End-Users

**emfiva-F/FRS** is ideal for justice and law enforcement agencies, driver license, passport issuance and border management departments, military agencies, airports & seaports, health care institutions, benefits providers, and banks and insurance companies, among others.



## Features

- Biometrics ID Management Appliance
- Facial and/or Fingerprinting, Biographic, SMT COTS and patent-pending algorithms
- SOA Architecture
- Multiple, Roles-based Users
- Work Flow-Driven System
- Open: Flexible Integration
- High Scalability and Security
- Professional and Enterprise Versions

## Technical Specifications

### Administration console requirements

- IE 6.0 or later running on Windows 2000, Windows XP Professional, Windows Server 2000, Windows Server 2003

### Client Systems Supported

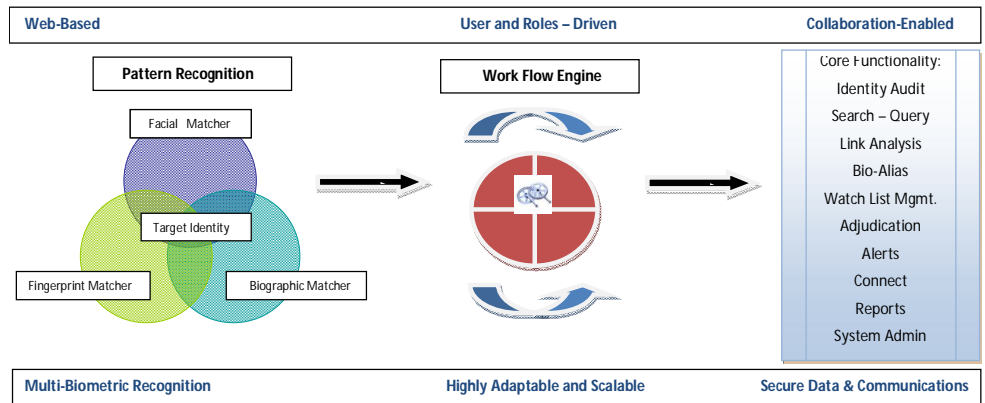
- IE 6.0+, Firefox, Chrome - running on Windows XP Professional SP3, Windows Server 2003

### Hardware Options and Add-Ons

- Image capture devices including digital and surveillance cameras, fingerprint scanners, physical access control units, and mobile PDAs from different vendors

### Appliance

- Pair of ready-to-use redundant 1U rack-mountable servers. Failover is included. O/S is Windows Server 2003; database is Microsoft SQL2005 Enterprise Edition



## System Highlights

**Fusion Matching Engine:** Multi-modal recognition (facial, fingerprint, biographic), algorithm agnostic; score-level fusion matching; multiple configuration options

**Identity Audit:** Database scrubbing processes to determine duplicate identities based on several criteria sets and methodologies; transparent to end-user

**Search:** Database query module that enables end-user to dissect, discern, and sort, and store data by utilizing different filtering biometric and biographic parameters

**Analyze:** Link analysis module enables users to find correlations among data sets

**Watch Lists:** Create and manage target lists for security and anti-fraud purposes

**Collaboration:** Connect, share, alert, report, manage, time-stamp, functionality

**Global Name Recognition:** Name recognition matching - identity resolution (GNS)

(emfiva-F/FRS can be ordered in any of its 6 base configuration versions and variations)

**merkatum**  
Biometric ID Management

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Merkatum Corporation ([www.merkatum.com](http://www.merkatum.com)) is a leading, single-source provider of biometric technology products, services, and solutions that help reduce identity fraud and security threats for our customers. The Company developed its patent-pending emfiva-F/FRS multi-biometric system. Merkatum is headquartered in Austin and has a network of authorized representatives worldwide.

