


Motorola Printrak Biometric
Identification Solution (BIS)
1000ppi or 500ppi supported

Accurate And Easy To Use Biometrics Applications



From fingerprints and palmprints to facial images, iris signatures and case records, Motorola Printrak BIS allows you to enter, search and match, identify and verify at 1,000ppi and/or 500ppi.

Motorola Printrak Biometric Identification Solution (BIS) is an advanced, enterprise solution that allows for solving crimes in the law enforcement community as well as verifying and identifying border crossers and employees in the civil environment. Motorola Printrak BIS's flexibility allows for a total system solution or for modules to be integrated into a larger solution that meets your organizational needs.

Motorola Printrak BIS gives you full biometric integration with inclusion of fingerprints, palmprints, facial images, descriptive data, iris, signatures, and documents to deliver a comprehensive solution for investigation, identification, and verification in both the criminal and civil markets.

Beyond providing biometric functionality, Motorola Printrak BIS can integrate into Motorola's Digital Justice Solution to follow the case through trial, court disposition and incarceration to provide full criminal functionality at every step of the law enforcement process.

Since information is one of the most vital tools in fighting crime and in keeping our world safe, Motorola Printrak BIS is the easiest way to make sure that all your biometric data is at your fingertips.

- **Greater Efficiency**

Motorola Printrak BIS permits "lights-out" automation, which reduces manual quality control and verification. You set the level of Motorola Printrak BIS automation — and you can change it at a moment's notice.

- **Accuracy**

Motorola Printrak BIS is one of the most accurate systems in the world, helping users make millions of identification and solving thousands of crimes a year. Motorola's patented Gray Scale Matching of Level III details, EXPERT matching, and minutiae matching technologies provides market leading accuracy.

- **Easier Network Integration**

Motorola Printrak BIS's multi-tier architecture is one of the most advanced, state-of-the-art architecture enterprise solution in the industry. Motorola Printrak BIS delivers web-based applications that can be put on any computer that meets the minimum requirements. This means that you have the flexibility to load applications on your regular work PC or even your home PC to work from a home office.

• **Easier Maintenance**

Motorola Printrak BIS employs a commercial-off-the-shelf (COTS) solution with open architecture and a flexible workflow engine. This means there are no proprietary components to go obsolete. Our COTS approach makes it easier to replace parts when necessary. Additionally your IT department may already be familiar with Oracle, http, XML, and Java™. All this makes it easier for you to maintain your own system. Motorola has a strategic relationship with Oracle and regularly participates in the Oracle 10g beta programs offering superior value and leading edge technology to your agency.

• **Minimal Training**

Motorola Printrak BIS is based on the familiar Linux and Windows® operating systems and many screens are web-based. Because the intuitive graphical user interface (GUI) guides users, required training is shortened and operators are more productive almost immediately. There are fully integrated GUIs for fingerprints and palmprints as well as high-resolution screens that meet the most demanding needs of print specialists.

• **More Effective AFIS**

Motorola Printrak BIS provides for the storage of more than just biometrics. It fully integrates fingerprints, palmprints, descriptive data, facial images, iris, signatures, and documents.

You can further leverage the power of Motorola Printrak BIS because it fully integrates with other Motorola applications to create a complete suite of interactive tools. This means one reliable vendor — and one customer service center — for all your biometric needs, which makes Motorola Printrak BIS a critical component of your Motorola solution.

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Related Motorola family of products:

Printrak LiveScan Station

Printrak Latent Station

Printrak PrintScan Station

Printrak Verify Station

Printrak BatchScan Station

• **Better Tracking and Control of Cases**

The Motorola Printrak BIS Home Page allows you to track every active case in the system. Select any case and simply right click to see the entire history of the case. This allows you to trouble shoot directly from the Home Page. The System Monitoring application allows users to see storage levels and activity of the matchers.

• **More Accessible**

Motorola Printrak BIS's web-based applications can be accessed from any desktop PC with review software. This includes such applications as Quality Control, Verification, Compare Records, Roles and Privileges and System Monitoring.

• **Time Saving**

Motorola Printrak BIS's web-based applications eliminate the time-consuming need for the system administrator to set privileges on each individual workstation. With Motorola Printrak BIS you do it only once — from the administrator's PC. You can save more time by assigning system privileges by functional group — latent examiners or scanning operators.

• **Broader Scope**

Motorola Printrak BIS gives you everything you need to reach out beyond your own system. It follows NIST standards and is conducive for National Fingerprint File (NFF) FBI certification. Motorola Printrak BIS also provides full integration of the Universal Latent Workstation FBI software to submit to the FBI IAFIS database.

Motorola Printrak BIS Features

Here's the short form of all the reasons you want Motorola Printrak BIS:

- 1000ppi or 500ppi, or a mix of both
- Matches on both rolled images and flat impressions giving the highest accuracy
- Enhanced security features to assure your database is safe
- Servers are based on Linux or HP-UX, and workstations based on Windows operating systems
- Utilizes commercial-off-the-shelf hardware
- Improved print evaluation tools, such as Photoshop and an all new 3D viewer
- Fully integrates fingerprints, palmprints, descriptive data, facial images, iris, and signatures
- Oracle 10g
- Web-based applications
- Follows industry software standards such as XML, http and Java
- Provides application integration of the Universal Latent Workstation FBI software to submit to the FBI IAFIS database
- Conducive to National Fingerprint File (NFF) FBI certification
- Follows NIST standards



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