



Secure Planet, Inc., has deployed the next generation of facial recognition technology. Our technology is centered on a cutting-edge facial recognition algorithm that greatly reduces template size, resulting in a better, faster and less expensive approach to facial matching. BioCore server is a service platform for enrolling biometric records and performing 1:N matching of facial imagery. These capabilities support **Facial Automate Biometric Identification System-Mobile (FABIS-M)** devices by providing remote searching and gallery synchronization across multiple devices. The BioCore Server platform includes multiple components for both communication and biometrics processing. BioCore Server is compatible with Windows, Linux and MacOS environments. Other offerings associated with BioCore include: **matching on mobile application, integration, operations and maintenance (O&M) and policy support**. We have a staff of highly skilled engineers who can provide system customization, integration and user training.

FEATURES & BENEFITS

BioCore software supports:

- FABIS-M application synchronization
- Biometric enrollment of facial images
- Loose file import (.eft, .png, .tif, .jpg, .docx, .pptx., etc.)
- Identity searches
- Watchlist management
- Streaming video processing
- Map searches based on encounters
- Creating links across matches
- Multiple video streams
- Web-based Graphical User Interface
- Operator viewing streaming video in separate windows
- Submitting and receiving a response from authoritative DoD databases
- Windows and Linux operating systems (x86/x64-based systems)
- Encrypted communication between FABIS-M application and server

Hardware Specifications Required to Run BioCore Software:

- 16GB of RAM
- 80GB of hardware space (for 5M image gallery database)
- Recommend 8 cores or more
- A minimum of 8 cores are required to run BioCore and 1-2 cameras. Additional cameras can be added at a rate of 2 cores per camera for conducting streaming video

BioCore is a powerful software application for commercial-off-the-shelf Windows, Linux and MacOS operating systems. The BioCore software supports the processing and identification of persons from still imagery or videos. When connected to the BioCore backend, the operator using the FABIS-M application is able to search larger databases, perform watchlist and data synchronizations and share enrollment data across the enterprise.