



Secure Planet™, has implemented the next generation of facial recognition technology. Our technology centers on an innovative facial recognition algorithm that significantly reduces template size, resulting in a better, faster, and more cost-effective approach to facial recognition. The BioCore® server is a service platform for enrolling biometric records and performing 1:N facial image matching. These capabilities are compatible with the Facial Automated Biometric Identification System-Mobile (FABIS-M) devices by enabling remote search and gallery synchronization across multiple devices. The BioCore® Server platform includes multiple components for both communication and biometric processing. It is compatible with Windows, Linux, and MacOS environments. Other offerings associated with BioCore® include: mobile application matching, integration, operations and maintenance (O&M), and policy support. We have a team of highly qualified 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
- Processing of video streams
- Map-based searches based on encounters
- Creation of links between encounters
- Multiple video streams
- Web-based graphical user interface
- Operator viewing of video streams in separate windows
- Submission and receipt of responses from authorized DoD databases
- Windows and Linux operating systems (x86/x64-based systems)
- Encrypted communication between the FABIS-M application and the server

Hardware specifications required to run the BioCore® software:

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

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