At A Glance

- Facial identification in real time video surveillance applications
- Low resolution images and video
- Bookmarking and retrieval of facial sequences archival video
- Comprehensive understanding of faces in crowds
- Wearable face matching solutions

Overview

Globally, the market was asking for the ability to easily scale to large deployments supporting thousands of cameras across multiple sites that incorporate the same efficiency, simplicity, and flexibility we are known for. We answered the call. Aureus 3D-AI Enterprise incorporates the best of CyberExtruder technology and the ability to efficiently and effectively scale across large and geographically dispersed locations.

Aureus 3D-AI Enterprise’s federated architecture provides a multi-site, geographically dispersed environment that facilitates the controlled sharing and exchange of information with real-time interoperability across multiple camera networks. Aureus 3D-AI Enterprise is the only enterprise-class face recognition platform to leverage the combined power of AI, 3D technology and deep neural networks for mission-critical security needs.

Aureus 3D-AI Enterprise helps reduce potential security threats by incorporating 3D face matching technology with video surveillance systems while comparing individuals against watch lists and producing real-time alerts.
Aureus 3D-AI Enterprise Typical Architecture

Software Specifications

Essential Specifications
- 29 pixels minimum inter-ocular distance
- 25 million comparison per second or higher
- Face Template size of 128 bytes or less
- Template generation time of 200 milliseconds or less
- Comprehensive understanding of faces in crowds
- Handles low resolution images and video
- Support for IP and USB cameras
- Support for video files (mp4, avi, wmv, mkv, etc)

Enrollment Specifications
- Multi camera support per server
- Activity & Audit Logs
- Support for full RESTful API
- Integration into VMS and through RESTful API/SDK
- Local Forensic Search on video from 3rd party VMS
- Wizard based configuration
- Native ‘in-app’ diagnostics
- Ability to group enrollments by categories
- Customized configuration for mass deployment
- Bookmarking & retrieval of facial events in archival video
- Ability to Auto purge database

Enrollment Specifications
- Single image enrolment
- Batch enrollment
- Live video enrollment
- Mobile device for enrollment
- Offline bulk image enrollment
- Image quality assurance during enrollment
- No Gallery capacity limitation

Essential Specifications
- Multi camera support per server
- Activity & Audit Logs
- Support for full RESTful API
- Integration into VMS and through RESTful API/SDK
- Local Forensic Search on video from 3rd party VMS
- Wizard based configuration
- Native ‘in-app’ diagnostics
- Ability to group enrollments by categories
- Customized configuration for mass deployment
- Bookmarking & retrieval of facial events in archival video
- Ability to Auto purge database

Enrollment Specifications
- Region specific person of interest list
- Enterprise person of interest list
- User reviewable Enrollment expiration dates
- Support for customizable fields on subject enrollments
- Remote Monitoring by HQ Operators
- Remote Monitoring of Lower Privilege Operators System
- Status monitor/ reports
- Scheduled Central database sync with Local database
- Centralized Monitoring System [CMS]
- System Health Reports

1401 VALLEY ROAD, SUITE 208, WAYNE, NEW JERSEY 07470  PHONE +1.973.623.7900  FAX +1.973.623.8900
www.cyberextruder.com/facial-recognition-software