AFIX fingerprint, palmprint and facial identification solutions from Radiant Solutions—including AFIX Tracker and AFIX Tracker FR—put the power of focused, local search in the hands of investigators. AFIX Tracker was the first automated fingerprint and palmprint identification system to run on Windows-based PCs while still providing the same advanced capabilities as far more expensive systems—including “lights out” searching of remote AFIX data stores and fully scalable search performance. Today, hundreds of AFIX Tracker installs worldwide are helping agencies identify criminals and close cases.

Features & Benefits

- Integrates fingerprint, palmprint and facial identification capabilities in one turnkey system—including software, hardware, technical support and onsite training
- Automatically conducts reverse searches of all new record enrollments against both unsolved latent prints and unknown faces
- Fully NIST/EFTS standards-based
- Distributed search engine technology provides virtually unlimited search performance and scalability
- Multiple product choices to best fit the needs of your agency—expand capabilities economically with Tracker LE (Entry Workstation), Tracker LW (Latent Workstation) and Tracker RW (Remote Workstation)

AFIX biometric identification products provide the solutions that meet your agency’s needs

**AFIX Tracker** is a fully featured automated fingerprint, palmprint, and latent print identification solution. AFIX Tracker provides minutiae-based search capability and may be configured as a standalone system with onboard database or for use with centralized, server-based data stores. AFIX Tracker storage and search capabilities are fully scalable to enable its use with databases of virtually any size. AFIX Tracker is most often employed for use in crime scene investigation applications.

**AFIX Tracker FR** is a multimodal automated fingerprint, palmprint, and facial identification system which provides all the friction-ridge identification features of the AFIX Tracker system and adds industry-leading facial identification capabilities.

Designed by and for investigators and latent print examiners

**DYNAMIC RESULTS**

AFIX Tracker’s stereo search results screen provides a dynamic environment for the examiner’s analysis and evaluation of candidates. Capabilities include the visual linking of matching features (both as a complete pattern set and individually) and the ability to view both record and latent/unknown face search results in a single screen.

**ROBUST SEARCH OPTIONS**

AFIX Tracker provides full palmprint entry and editing capability, and a full spectrum of record palm and latent palm search options—including the ability to search either full, undivided palm images as well as the ability to divide record palm images into sections for more focused latent palm search capabilities.
AFIX Tracker RW provides all the entry and editing features of the full AFIX Tracker system including full search and search review functions and is intended for use as an add-on workstation for expansion of an existing AFIX Tracker system. AFIX Tracker RW workstations are reliant on an existing AFIX Tracker system for database creation and maintenance and may be connected to the database via physical or virtual network connections.

AFIX Tracker LW is a complete dedicated latent workstation which provides the ability to enter, edit and search latent prints against a database of known fingerprint or palm prints and review search results. AFIX Tracker LW may be used as a standalone system but is most often used as an additional workstation networked to a database created by a full AFIX Tracker system. Like the full AFIX Tracker system, AFIX Tracker LW is most often used for crime scene investigation applications.

AFIX Tracker LE provides all the same capabilities as the full AFIX Tracker system for entering fingerprint, palm print and latent records into a database and subsequently extracting minutiae and editing the records. AFIX Tracker LE is intended for use as an additional workstation connected to an existing Tracker system for expanding the ability to quickly enroll physical records into the database in a high-volume environment.

AFIX Identifier is a fingerprint-based system which identifies unknown live subjects through database searches of known records using fingerprint images captured from the subject. AFIX Identifier may be employed in a wide variety of use-case scenarios to provide reliable identification of any live subject who may be uncooperative or is suspected of providing false identification.

AFIX Verifier is a fingerprint-based identity verification system which can confirm or disprove a claimed identity through a 1:1 minutiae-based comparison of two fingerprint images, one from an existing database file and one captured from a live subject. AFIX Verifier may be used to provide reliable biometric identity verification in a wide variety of use-case scenarios.

AFIX Mobile ID provides accurate biometric identification in the field using ultra-portable devices. Mobile identification solutions are available for both fingerprint-based or facial recognition identification.

In addition to fingerprint and palmprint identification, AFIX Tracker FR also provides fast, accurate facial recognition and identification capabilities for a wide variety of sources—including mug shots, security and surveillance cameras, and social media. AFIX Tracker FR incorporates the industry-leading ROC algorithm and may be configured for use on databases ranging from a few thousand to several million records and images.