



**Solomon**  
TECHNOLOGY SOLUTIONS

## Mobile Finger Print Enrollment Solution

STACS®100ID Mobile Finger Print Enrollment Solution is the first real time scan device to meet the size and functional requirements of the U.S. Government Joint Agency User Group

## Product Information

Mobile Finger Print Enrollment Solution is a compact and durable ten-print capture scanner optimized for use in diverse, harsh locales. It is designed for rapid forensic-quality fingerprint capture and meets the highest U.S. government standards. Reliability is unsurpassed the device is independently certified to conform to MIL-STD-810F standards for equipment durability in various harsh environmental conditions. A battery-powered system, the Mobile Finger Print Enrollment Kit is easy to position making it an ideal choice for remote operational environments.

Unique features, such as auto capture capability and technology, allow for foolproof fingerprint acquisition, and provide an excellent choice for high-volume processing environments.

The screenshot shows the 'Enrollment Client' software interface. The window title is 'Enrollment Client' and the main heading is 'Pre-Enrollment Data'. On the left, there is a sidebar with 'Enrollment Process' (1. Biographic Data, 2. Scan Fingerprints, 3. Submit) and 'Post-Enrollment' (Open Save Folder). The main form area is divided into several sections: 'Full Name' (Last Name, First Name, Middle Name, Jr., II, etc.), 'Other Names Used' (Name, Month/Year, To, Month/Year), 'Place of Birth' (Country, State), 'Date of Birth' (Month, Day, Year), 'Appearance' (Gender, Race, Height, Weight, Eyes, Hair), 'Fingerprint Data' (Reason Fingerprinted, Date Fingerprinted, Originating Agency ID, Destination Agency ID, Affiliation), and 'Additional Information' (Armed Forces No., Mother's Maiden Name, Your No., Social Security, Subject ID). At the bottom, there are radio buttons for 'Select Data to Highlight' (EFT7.1 (FAUF) Mandatory, None) and a 'Load Session' button. The ATSC logo is visible in the bottom left corner.

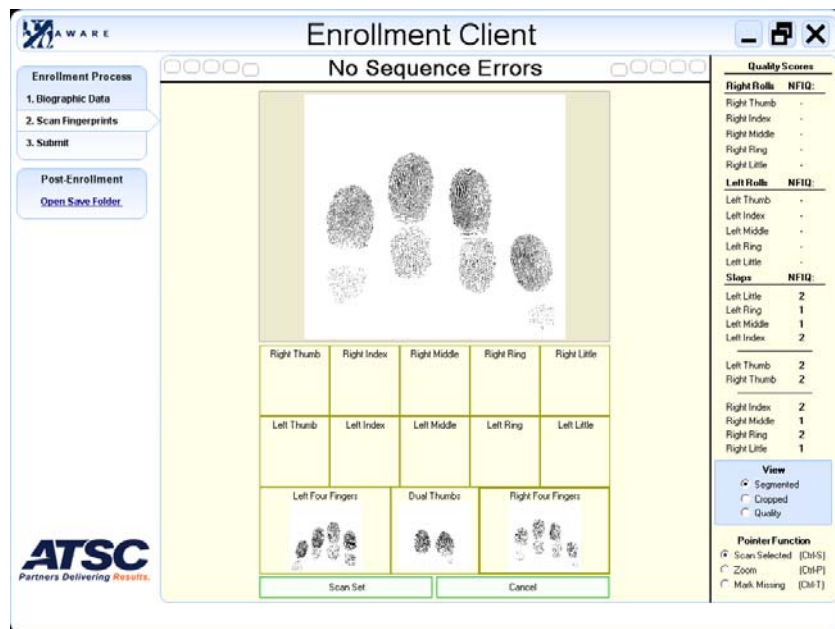
# Mobile Finger Print Enrollment Solution

## Key Features

- Green illuminated pictograms guide the user through image capture
- Auto capture feedback through four LED lights indicating image quality
- Heated platen to eliminate condensation and halo effect
- Auto capture capability for flat fingerprints without operator intervention
- Filters and rejects residual ghost fingerprint images using Perfect Image
- Perfect Roll™ for rolled fingerprint acquisition, either direction, any speed
- Image quality complies with FBI's IAFIS Appendix F specification
- Designed and tested to meet the IK08 EN 50102 durability specifications as promulgated by the European Committee for Standardization.
- The Mobile Finger Print Enrollment Kit protects its internal electrical components from an external impact of up to 5 joules.
- FBI certified for both civil ID flats and full criminal ten-print rolls and flats

## Benefits

- Intuitive system — requires little training
- Easy to understand pictograms and fully automatic image capture
- Instant quality check feedback to the user
- The illumination technique allows the capture of high-quality images regardless of skin color and age
- Auto capture both hands and thumbs, in under 15 seconds



Mobile Finger Print Enrollment

## Mobile Finger Print Enrollment Communication Solution

### Key Features

STACS®100ID enables satellite, WIFI, Cellular data and voice communications. STACS 100ID smart feature automatically routes data and voice calls over the least-cost medium. Standard equipment includes 5 long-range cordless phones each with text messaging and multi-line capabilities and a 10.2" Net-book with a video cam. The system provides for a built-in 2-port radio interoperability switch with independent telephone auto patches.

STACS®100ID can support up to 24 handsets per system. Information access includes Wi-Fi and Ethernet data web, email, as well as VOIP phone and messaging services for notebook computers and PDAs with built-in voicemail and a conferencing server. Each system has a unique incoming phone number enabling direct connect to a site supervisor, or call routing directly to wireless phones or radio bridges with an enabled pin code. An unlimited number of Microsoft Windows notebooks (Windows 2000, XP, and Vista) Off-site staff, with password access to a protected web site gateway, have the ability to monitor the communication activity in real time.

Fully automatic operation including Satellite, EV-DO and Wi-Fi data services, same phone number regardless of communications mode

No infrastructure required, fully operational day one

Completely stand alone powered by an internal battery with flexible external power options

STACS®100ID is capable of GLOBAL MESHING and can be linked into communities based on operational protocols

Optional encryption to protect from unfriendly sources

As a completely self-contained unit, STACS®100ID operates for 8 hours on its internal battery. External AC or vehicle power (12V DC) can be used to power the unit indefinitely. Optional extended 5-day battery packs, fuel cells, & solar blankets are available for operation without external power sources.



Mobile Communication Brick