SOLUS™

Time Prox & Time Smart Bio

Biometric Time Recording Terminals

The selection of a perfect finger print system is never an easy task, either it's a choice about system for small office or an enterprise system for a large installation with multiple location & offices, be it the security sensitive access control installation or a mass usage time attendance focused implementation, the decision makers do tackle with myriad of considerations about speed, accuracy, consistency, simplicity, reliability and the cost.

Additionally technology & method selections like Finger only. Card with finger vs. Card or finger, Template on Card or Template on reader, Enrollment on Reader or Enrollment of PC, calculations to manage flow of people and optimum number of terminals do require close analysis to ensure post installation system efficacy.

Time Prox/Smart Bio™ is the answer by Solus after years of research & fine development. This biometric option of popular Time Smart series data capture terminals from Solus do offer unmatched speed, accuracy, and reliability with never before simplicity at system design and operations level, hence adequately satisfy system designer's demand on all the counts as single out of the box solution.

Time Prox/Smart Bio™ can operate in Identification (1 : N) or Authentication (1:1) or in both modes, the biometric data can operate in either standalone or network mode, all the models have built in relay to lock / unlock the door.

Unlike any other terminal available in the market, Time Prox/Smart Bio™ has built in web browser software that eliminates need of any local enrollment application installation and setting up tedious USB or serial data transfer system for finger enrollment for small installations.

Time Prox/Smart Bio™ terminals have On Board TCP/IP and built in Web Browser makes them remotely manageable at the speed and simplicity of an IP Network. Remote management includes initial configuration, trouble shooting, firmware upgrade, transaction retrieval, biometric template administration etc.

2007 FROST & SULLIVAN

Entrepreneurial Company of the Year Award
Electronic Access Control Systems (India)

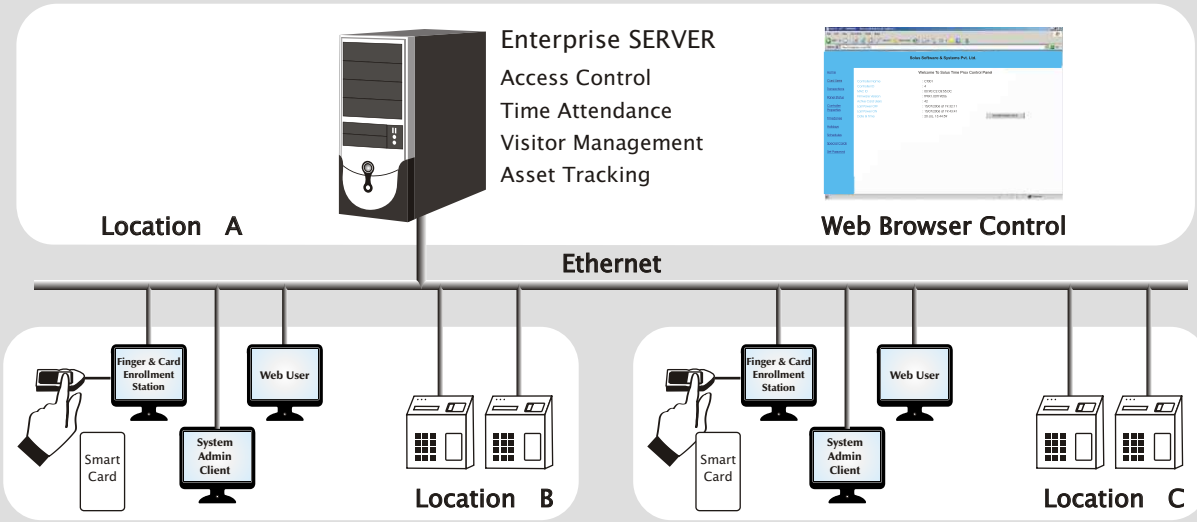
CE

UL REGISTERED FIRM

UKAS QUALITY MANAGEMENT

An ISO 9001 - 2000 Company

System Architecture



Features & Benefits

Active surface of the sensor

Time Smart / Prox Bio™ covers a major part of the phalanx of a finger, (thumb or index).An active surface of 14 x 22 mm functions correctly and gives very good results.

Resolution of the image

Time Smart / Prox Bio™ analyze and process 500 points per inch (500 dpi) and detect 256 possible grey levels for each Point.

Quality of the fingerprint image

Time Smart / Prox™ has Excellent image capture system ensures good quality with a low level of distortion (less than 1%)a FTM of less than 0.5 on 4 line pairs and linearity inferior To 20.

Detection & Compression algorithm

Time Smart / Prox Bio™ uses Sagem detection & compression algorithm for analysis & processing of the characteristic points that constitute the fingerprint files, with Compression algorithm the fingerprint files been compared two prints in mode 1:1,
or to find an identity in mode 1:N.

"Time Recording is the basis for flexible working time mamagement"

- Entry-level system with excellent Price-performance ratio. Operates in Standalone or Network configurations
- Rugged design, Vandal Resistant poly carbonate casing suitable for interior or exterior environment. No External wiring connection
- Elegant look , fits into Standard ROMA Electrical fitting Matches aesthetic, available in many colors & designs
- Simple operation modes: Fingerprint Only, CARD, CARD + Fingerprint.
- Proximity & Smart Card options
- Industry leading fingerprint identification speed.
- Identify 3,000 fingerprints in 1 second
- Industry leading fingerprint capacity
- Stores maximum 10,000 fingerprints and 50,000 event logs.
- 16 x 2 Backlit LCD Displays messages, to convey various information and notices.
- Simple operations through colored function LEDs, indicate system status
- Connection to server via integrated Ethernet or RS232/RS422 for Easy access and contents transfer.
- Data retention in case of power failure using flash Memory.
- Full Function Battery Back Up Option (External)