

BIOtrak

Model No: SBNG0330 Series

Fingerprint + Card Based Biometric Terminal for Attendance and Access Management



BioTRAK is contemporary mix of biometric access and time attendance feature. With an optional inbuilt RFID card reader such as EM Proximity & Mifare smart card. BioTRAK is best Biometric Device for small business & offices with Fingerprint optical sensor with **3K** templates

Applications:

Time Attendance- Real time centralized attendance for SME Enterprises,
Access Control – Standalone Access controller for Micro business..

Features & Benefits :

- Best Fingerprint Device for Small Business & Offices
- Compact Design with Colour TFT which provide elegant aesthetic look
- Capacitive touch keypad for user-friendly, easy to operate and configuration
- Unmatched performance with 32bit high speed Processor.

TECHNICAL SPECIFICATIONS

Particulars	BIOtrak
Model No	SBNG0330
Application	Access & Attendance
CPU	32 Bit RISC
Memory	4 MB Flash
Events/Transactions	60,000
Users	25,000
Fingerprint Templates	Upto 3000 (1:N), Upto 100 (1:1)
Operation Modes	Finger Only, Card Only, Card+Finger, Card+Pin, Card+Finger+Pin On Wiegand Card Only, Finger Only & Card+Finger
Inbuilt Card Reader Options	EM Proximity Mifare Smart Card
Exit Port	Egress Switch or Wiegand Reader for Exit
Wiegand In/Out	Available (Up to 34 bit / Up to 48 bit*)
Communications Port	TCP/IP, RS485
Input/Output	3 I/P (Door Status, Egress, Fire) & 2 O/P (Door Lock, DOTL)
Controller ID	Up to 9999
Display	2.4" TFT Colour Display
Keypad	Capacitive Touch Sense Keypad
LED	Tricolour LED Bar
Sound	Beep & Buzzer Sound
Power Rating	7.68W (12VDC @ 0.64A)
Enclosure	ABS Material
Dimension (LxHxW) in mm	105 x 167 x 45
Mounting	Wall Mounting
Finger Print Sensor	Optical Fingerprint Sensor
Image Size Resolution	242 x 266(pixel) 500 dpi
EER/FAR/FRR	FAR<0.001%(Security level 3),FRR<0.1% (Security level 3)
Verification & Enrolment	<1 sec (1:2000)
Template Size	496 bytes
Authentication/Identification	1:1 & 1:N
Facility Code	Available with Card Reader
Time Zone / Access Levels	63 + 1 (Free Time Zone) / Unlimited
Anti- Passback	Hard, Soft
Holiday Settings	42
Certification	CE,ROHS

* Indicate for optional features

PRODUCT SELECTION GUIDE

Model No	Description
SBNG0330	BIOtrak fingerprint terminal for attendance & Access with 25k users & 60K events, 03K finger templates (up to 3000 - 1:1, up to 100 - 1:N), TCP/IP, Wiegand (In/Out)
SBNG0330-P	BIOtrak fingerprint terminal for attendance & Access with 25k users & 60K events, 03K finger templates (up to 3000 - 1:1, up to 100 - 1:N), TCP/IP, Wiegand (In/Out) + In-built EM Proximity card reader
SBNG0330-S	BIOtrak fingerprint terminal for attendance & Access with 25k users & 60K events, 03K finger templates (up to 3000- 1:1, up to 100 - 1:N), TCP/IP, Wiegand (In/Out) + In-built Mifare Smart Card Reader

Software Compatibility

BSS - Building Solution Suite web based multi-module software with Mobile App.

SCMD-AC-100U (PACK) - smartCOMMANDCONTROL web Based Access Control Management software.

SCMD-DUO-100U (PACK) - smartCOMMANDCONTROL web Based Access + Attendance + Employee self service Module software.

SALM - smartALARM - Alarm Management Software for smartCOMMANDCONTROL.

SVM20 - Visitor Management Software with SQL database. This will include a license for Admin, Host (web-based) and Security modules.

smartTRACK-10U - Mobile attendance Application compatible with android smart phone.

Cards

SC-M1

Mifare - Smart Card
(Memory:1K)



SC-M4

Mifare - Smart Card
(Memory:4K)



PC

EM Proximity Cards



Readers

SPR501

smartRID - Wiegand Protocol Card Readers –proximity reader



SC504

smartRID - Wiegand Protocol Card Readers – smart card reader



Locks & Switches

EL-600

600lbs- electromagnetic locks



SIS-ES-NT

No Touch Egress Switch

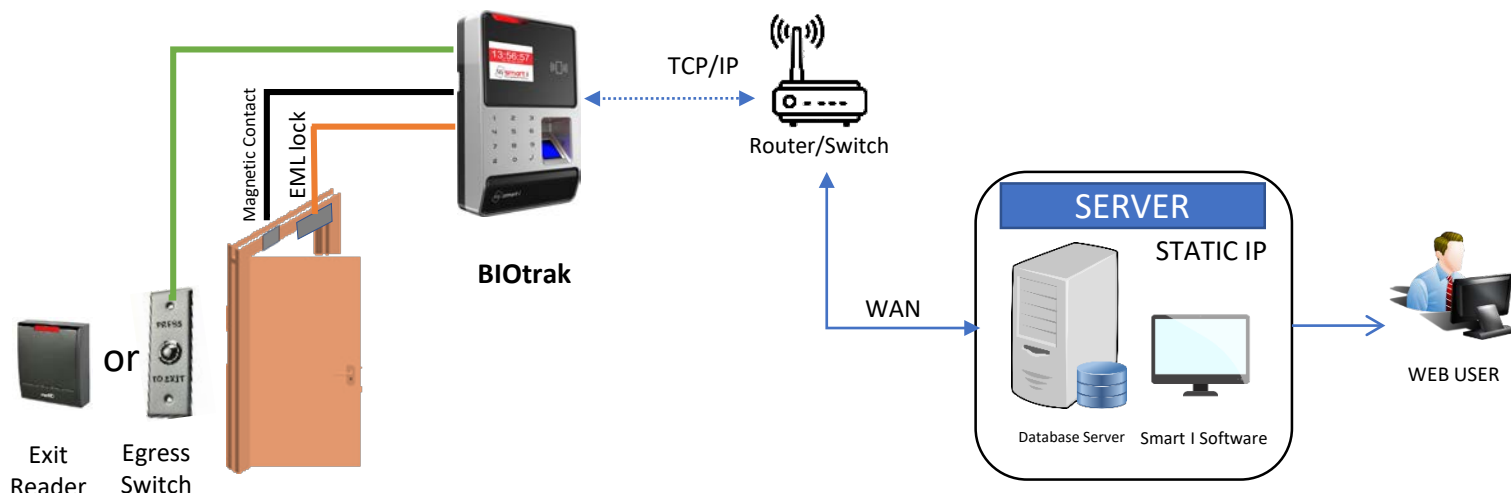


SIS-ES-PUSH

Door Release Button

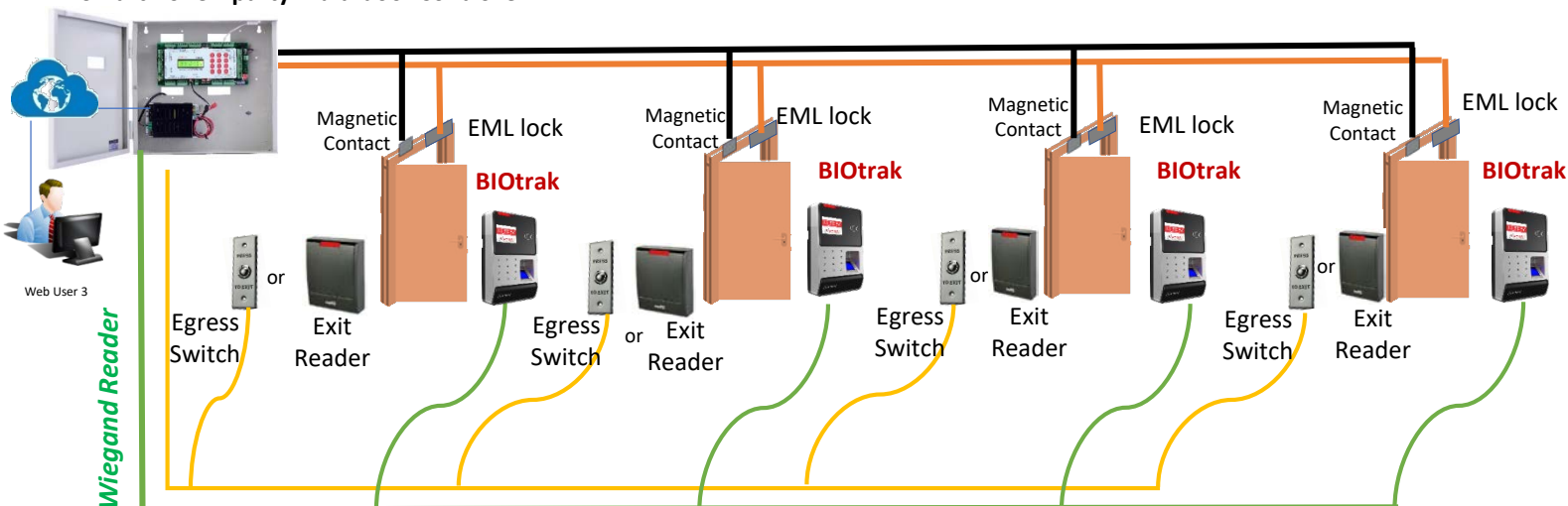


BIOtrak as a Single Door Access Controller

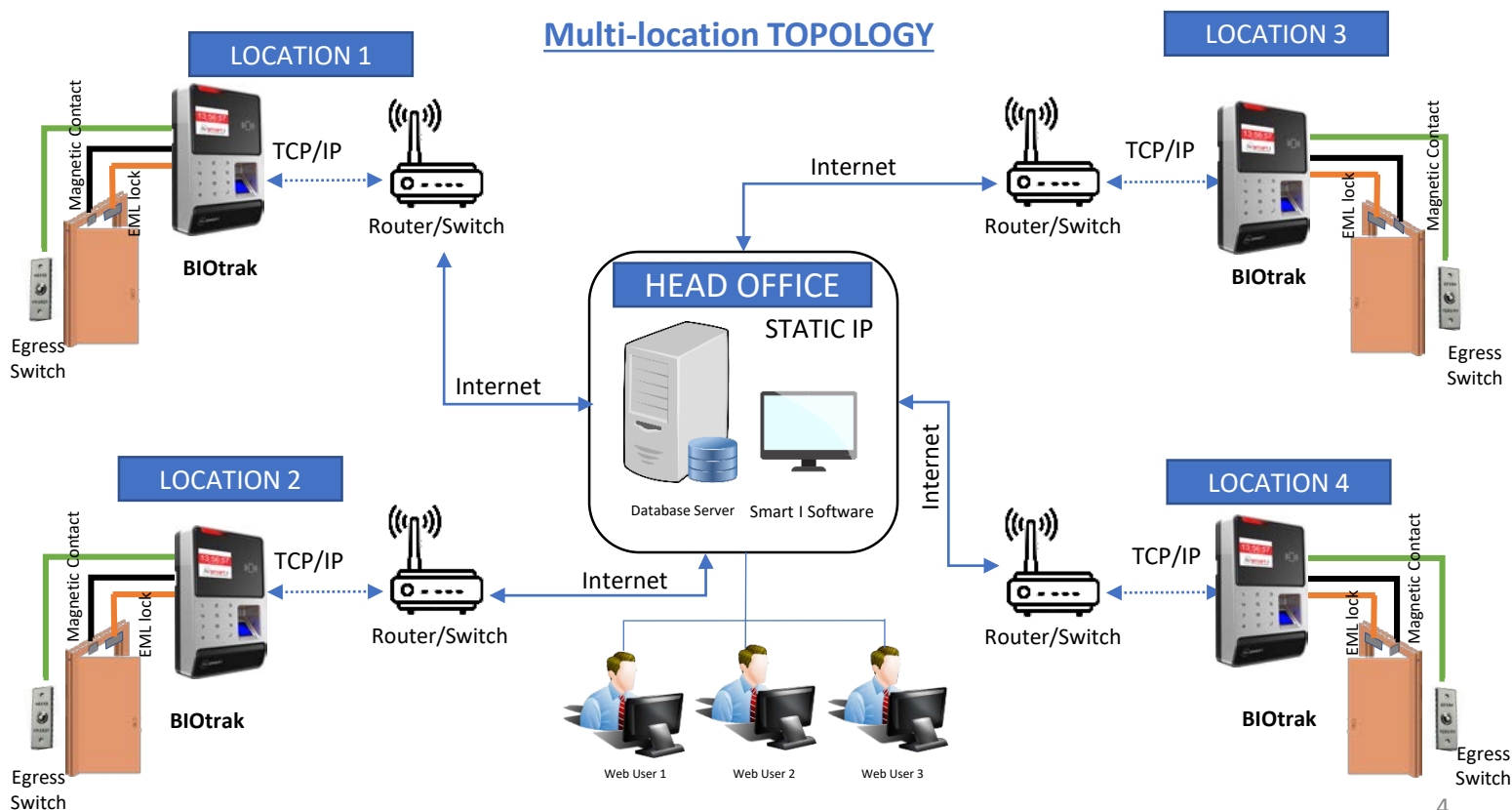


BIOtrak as a Fingerprint Wiegand Reader for Multi-door control

Smart-I or 3rd party Multi-door Controller



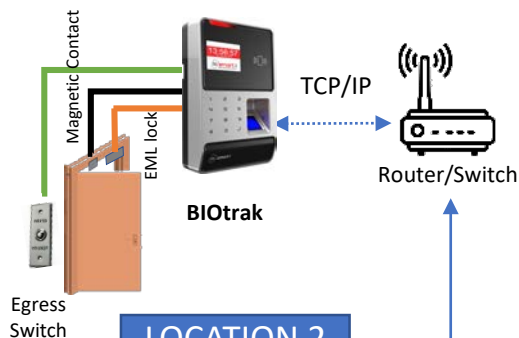
Multi-location TOPOLOGY



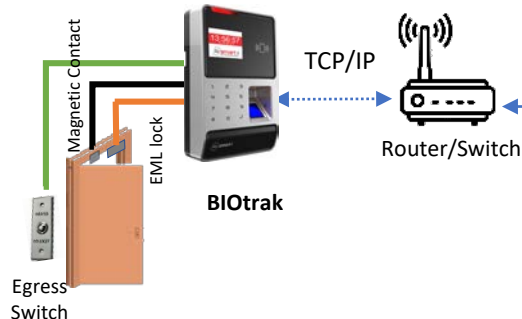
TOPOLOGIES

Multi-location TOPOLOGY

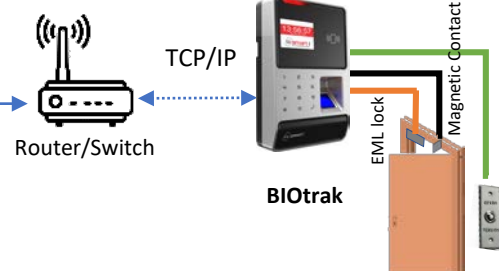
LOCATION 1



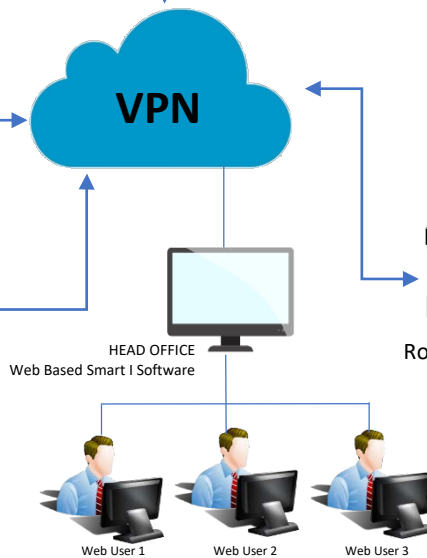
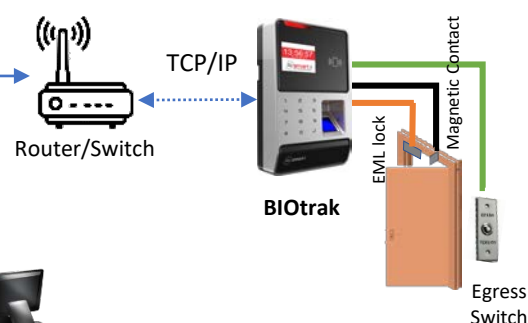
LOCATION 2



LOCATION 3



LOCATION 4



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