

RBH Technical Bulletin

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BFR-xxx

Number: 65

BFR Quick Start Guide

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AxiomV[™] Software Configuration

Installation Requirements

- 1. .Net framework 3.5
- 2. Enrollment Scanner driver.(If enrolling through USB scanner)
- 3. AxiomVTM software version must be 5.2.52 Release 3 or greater (must be 5.2.57 Release 3 or greater for enrolling through Terminal option).
- 4. Installment of the appropriate integration package.

Configuration

In AxiomVTM software go to *File/System Settings* and select the *Badge* tab. In the *Fingerprint Device* box select the 'BFR Series' for device and *Apply*.

System S	ettings	×
General	Display Badge System AP Activity Email Config	
	Picture device type C General C IP	
	125.100.75.236	
	Fingerprint device	
	BFR-Series	
	Save Files As	
	JPG	
	Printer Name	
	Send To OneNote 2007	
	🗖 Duplex Badge Printing 🛛 🗖 Use Dazzle90 settings for photo capture	
	Magnetic Encoder Setup	
	Ok Cancel Apple	,

Next go to Database and select Fingerprint Readers.

🟶 AxiomV Security System	- SALES DEMO AL	L		
File View Status Database Io	ols <u>R</u> eports <u>H</u> elp			
Log Off	Profiles	Ŭ-	Dinitor Maps Display	E History
🍖 🤰 🎄 😗 ; 🎄 Holidays		🔊 🕄 🎆	op 🔤 🔒 💩	📏 20 🛅 🔝 🖘
System Status 🚮 Areas			****************	
Messages				
Networks 🌇 Hardware	Setup	Message		
Ele <u>v</u> ators		I Server online	e RBH_LARRY (AXI) e RBH_LARRY (AXI)	omGuardCourServer) omCommsServer)
Elevator Fl	loor Groups		_	,
NC100s	l	-		
	veis			
	rs			
Device Controll 📀 Assets				
Cardholde	r <u>R</u> eader Access	_		
🔛 🔡 Departmer	nts	_		
Access Point:	it Readers			
Finger Prin	it Reader Query	_		
Inputs			1	1
🔪 AxiomLinks	5	Type Direct	Status	Master Address
o 🎒 Global Con	nmands	Direct	Connected	I
Outputs	des	_		
🧟 Message P	Ports			
DVR				
Apartments	r 🕨			

Select New.



Add in the information for the fingerprint reader (Login ID and Password are not used). *Reader* is the access point port that the fingerprint reader is connected to.

RBH Finger Print	×
Cancel	
Description	RBH BFR 1
Terminal ID	1 🗄
IP address	128.100.1.55
Port number	2000
Login ID	
Password	
Reader	Entry Door
No devices configured. Click on the [New] but	ton to configure a new device 🛛 🔡

Click *Save* and the configuration will be complete.

To test connectivity highlight a fingerprint reader and click on *Configure*, a password box will appear for the reader's web page.

Under *System Settings* you can set the maximum number of fingerprint templates that can be saved (per card).

For better enrolment capabilities, improvements have been made in AxiomV_R3_V5.2.55_FPBFR_SP20.exe package of Axiom and Integra32_R4.2_V3.8.12_FPRBH_BFR200_SP6.exe package of Integra, which also require new Firmware RBH-BFR-200_300-Ver3.01.13-HW1.1-050611-_code.bin and RBH-BFR-200_300-Ver2.8-042111-WEB_IMAG for RBH-BFR reader. (Check the BFR installation manual for how to do Firmware upgrade) The following screenshots refer to these packages.

Fingerprint Enrollment

Fingerprints are enrolled in the Cardholder screen. Select *Edit* then *Finger Prints* to bring up the enrollment window.

Fingers can be enrolled through USB scanner (for which need to install its drivers) or through one of the Fingerprint terminals (Option added in integration package AxiomV_R3_V5.2.57_FPBFR_SP22.exe and higher) configured in the system.

The finger print data will be downloaded to all applicable readers when save is selected. Deleting a cardholder will also delete the cardholder's fingerprints from all associated readers.

To enroll through scanner, select *USB* option in the enrolment window:



To enroll through one of the terminals, select the *Terminal* option and select the terminal, users will be enrolling the fingers on from the drop down list of terminals.

RBH Finger Print Enrollment	
🌮 Enroll 📊 Save 툇 Cancel	
C USB	
Terminal BFR 1	•
Card name BFR 1	tson
Card number 1001	
Verification mode Finger an	d Password 💌
с ^с с	с ^о с
Maximum fingers per car Fingers captured: 0	a: 1
Select a finger and click [En	oll] to start enrolling finger
	.:

If Scanner is not connected or not detected *USB* option will not be available in the enrolment window.

RBH Finger Print Enrollment	x
🕫 Enroll 🔚 Save 🍝 Cancel	
C USB	
Terminal BFR 1	
Card name Jack Jackson	
Card number 1001	
Verification mode Finger and Password 💌	
0 ° 0 ° 0	
Maximum fingers per card: 1 Fingers captured: 0	
Select a finger and click [Enroll] to start enrolling finger	
Fail to initialize the enrolment unit	

Follow the on screen instructions to enroll fingers.

Integra32[™] Software Configuration

Installation Requirements

- 1. .Net framework 3.5
- 2. Enrollment Scanner driver(If enrolling through USB device)
- 3. Integra32[™] software version must be 3.8.10 Release 4.2 or greater (must be 3.8.16 Release 4.2 or greater for Enrolling through Terminal Option).
- 4. Installment of the appropriate integration package.

Configuration

In Integra32TM software select the *Badge* tab in *Options/System Options*. In the *Fingerprint device* box select the 'BFR - Series' for device and click OK.

Options	X
General	Badge Font
	Picture device type
	Camera 1
	Signature device
	Device 1
	Fingerprint device
	BFR - Series
	Save File As
	JPG 🔽
	Printer Name
	Send To OneNote 2007
	Duplex Badge Printing
	Use Dazzle90 settings for photo capture
	Biometric reader connected to local comport
	Magnetic Encoder Setup
	Ok Cancel

Next go to Tools and select Finger Print.

Integra32 - AxiomLite Security System (SALES DEMO)	D)				
File Options Links <u>T</u> ools Reports Help					
s⇔ ⊠ Backup Log Out Statu	a) :ds	& Visitors	bvr DVR	🕐 Help	
🕲 Query Finger Print Reader			Date		Alarm mes
 □ Integra32 Syst □ © Users □ O Schedules □ O Areas <		Alarms	06/02/2012 06/02/2012 06/02/2012 06/02/2012 06/02/2012 06/02/2012 06/02/2012 06/02/2012 06/02/2012 06/02/2012 06/02/2012 06/02/2012	14:36:51 14:37:10 14:37:19 14:37:20 14:37:20 14:37:24 14:37:39 14:37:39 14:37:40 14:37:44 14:37:44 14:37:56	Access gra Access gra

Select New.



Add in the information for the fingerprint reader (Login ID and Password are not used). *Reader* is the access point port that the fingerprint reader is connected to.

BBH Finger Print Devices		x
🗌 📊 Save 🍯 Cancel		
Description	BFR Reader 5	
Terminal ID	0 🛨	
IP address	128.100.1.58	
Port number	2000	
Login <mark>I</mark> D		
Password		
Reader	Employee Entrance	•
No devices configured. Click on the	e [New] button to configure a	new device

Click Save and the configuration will be complete.

To test connectivity highlight a fingerprint reader and click on *Configure*, a password box will appear for the reader's web page.

Under *System Settings* you can set the maximum number of fingerprint templates that can be saved (per card).

Fingerprint Enrollment

Fingerprints are enrolled in the Cardholder screen. Select *Edit* then *Finger Prints* to bring up the enrollment window.

Fingers can be enrolled through USB scanner (for which need to install its drivers) or through one of the Fingerprint terminals (Option added in integration package Integra32_R4.2_V3.8.16_FPRBH_BFR200_SP9.exe and higher) configured in the system.

The finger print data will be downloaded to all applicable readers when save is selected. Deleting a cardholder will also delete the cardholder's fingerprints from all associated readers.

To enroll through scanner, select USB option in the enrolment window:

💮 Integra32 - A		23
File	🕄 RBH Finger Print Enrollment	
	🕫 Enroll 🔜 Save 💽 Cancel	
New		ceipt
Last name	O Terminal	
Last name Jackson Cards Profile	C Terminal Card name Card number I Verification mode Finger And Car	
•		

To enroll through one of the terminals, select the *Terminal* option and select the terminal, users will be enrolling the fingers on from the drop down list of terminals.

💮 RBH Finger Print Enro	ollment 🗖 🗖 🗖	3
🗑 Enroll 📊 Save 🇾	Cancel	
C USB		
Terminal	BFR 1	
Card name	BFR 1 BFR 2 Pick Jackson	
Card number	1	
Verification mode	Finger And Card	
0	$^{\circ}$ $^{\circ}$ $^{\circ}$	
C Maximum fingers Fingers captured:	sper card: 2	
Select a finger and	click [Enroll] to start enrolling finger	

If Scanner is not connected or not detected *USB* option will not be available in the enrolment window.

🔀 RBH Finger Print Enrollment	
🍘 Enroll 🔚 Save 🍯 Cancel	
C USB	
Card name Rick Jackson	
Card number 1	
Verification mode Finger And Card	
0 ° 0 ° 0	
Maximum fingers per card: 2 Fingers captured: 0	
Select a finger and click [Enroll] to start enrolling finger	
Fail to initialize the enrolment unit	

Follow the on screen instructions to enroll fingers.