



Firmware Change Log

EABR Reader

V2.22.0



Workforce Management Solutions

Securing your time and resources

This document is a listing of the changes made to the Impro Bio Reader firmware. Please take careful notice of the items highlighted in yellow.

IMPORTANT:

Config Tool V2.17.07.1 is to be used as of 2017-09-07

Data Compare Tool V2.17.07.0 is to be used as of 2017-09-07

Ensure to use Configuration Tool V2.16.01.0 for EC3 V7.16 and above

Ensure to use Configuration Tool V2.15.11.0 for EC3 V7.13 and above

V2.22.0 – Release (2.17.10.0)

- Log reader info

V2.21.4 – Fix (2.17.07.4)

- Finger info not logging correctly causing a resource error on the reader application. This would result in a Secugen records = 453 and fingerID count = 0. When a person tried to scan they would get **Holder not found**. A reader reset would resolve the issue as the resources would reset

V2.21.3 – Release (2.17.07.3)

- Add Finger Info for EABR to the Data Compare Tool
Finger Pass "5"(100%), Finger Fail "0"(0%), Total Scanned "5"

V2.21.2 – Test Version

- Change fwrite parameters again

V2.21.1 – Test Version

- Change fwrite parameters
- Add disable pin function to only use tag and password

V2.21.0 – Test Version

- Make font italic.
- Set delays to 10000ms

V2.20 – Release (2.17.07.0)

- Stop sending replies on broadcast of sync, reset and time cmd

V2.19

- Improve file handling. Decrease CPU usage

V2.18

- Add in check to exit loop on finger upload when network dip occurs

V2.17

- Add finger id file count to display
- Add FD_ISSET to socket read and MSG_DONTWAIT (**Possible fix for freeze**)

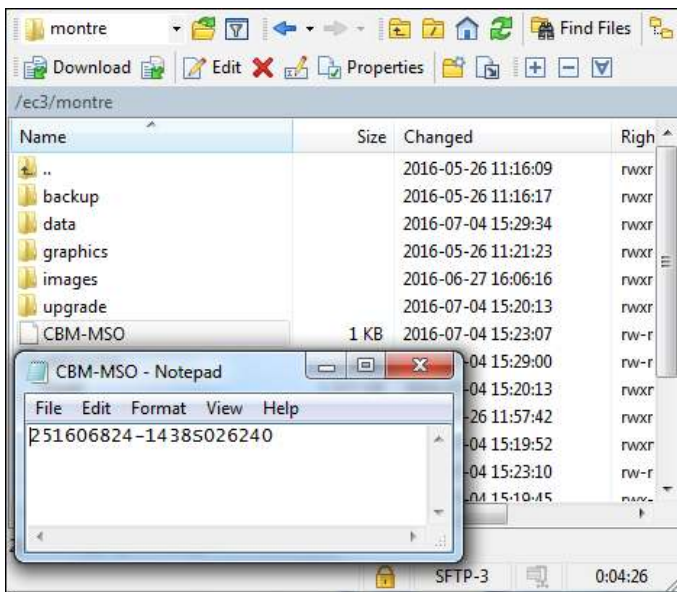
V2.16

- Add SAGEM CBM MSO serial number to display and write to file. This can be read on EABR display using the *5079# shortcut keys or by reading CBM-MSO file found in /ec3/montre folder using putty or winscp.

Screen display:



WinSCP:



V2.15

- Add in check to improve Sagem module response **(fix denied finger response on valid fingers)**

V2.14

- Set not connected when reader disconnected from controller

V2.13 (run with 7.23 controller firmware)

- Add image display

V2.12

- Fix pointer issue in cbm commands
- Add enter id to scan card mode and * and # to switched mode on display when keypad enabled

V2.11

Check fingeroncard as well as fingermode when doing iClass card scan

Add in tag type 14(iClass 13.56MHz) read

V2.10

- Optimisation:
 - Improve some memcopy calls.

- Set MustReset flag instead of calling ShutDown function
- Change fwrite function call
- Add settings show on display using password *5079#

V2.09

- Add in delete DB data when uploading fingers
- Add in ilvCancel command when uploading finger, before deleting the DB and uploading. This caused a command in progress error which caused upload failures

V2.08

- Make Transnet pin 5 digits.

V2.07

- Change host to select loopback or host IP

V2.06

- Fix pin validation

V2.05

- Fix insert/update/delete functions of fingers

V2.04

- Change touch screen config to edit all in one go

V2.03

- Fix Add and Delete of finger to Sagem
- Add in debug to see setID message from which IP address on which port

V2.02

- Add touch screen functionality

V2.01

- Fix GSM for config tool request

V2.00

- Check push button and red light present for display
- Fix relay initialisation
- Improve initialisation of scanner function to check for fingerprint
- Check max fingers for sagem module
- Add identity level for Sagem scanner
- Add WIFI and GSM

V1.02

- Remove HB timeout in proc params

V1.01

- Add port to params config

V1.00

- EABR – Initial version