ERSBio provides a wide variety of biometric hardware to suit the varying industry requirements and working environments. Our biometrics range from various Fingerprint options to Facial devices, as well as newer Palm Vein technologies. We are also at the forefront of SmartPhone App development.

Our cloud modules cater to basic Attendance needs, through to advanced Time and Attendance, Leave management, Access Control and Job Costing. Our software has been fine-tuned over the last 20 years to cater for the various industry requirements, as well as client needs.

Our Development Team is continuously improving our current systems, developing new solutions, as well as providing bespoke solutions for the growing need to incorporate biometrics in more applications.
THE ERS CORE SOFTWARE

The ERS Biometrics Core Software allows for the full account setup of users and their respective viewer rights and setting up groups, departments and more. The software also provides you with the tools to remotely monitor the heartbeat of your biometric devices, ensuring that they are communicating and have power (Device specific). The software comes standard with our Employee Module, with the flexibility of creating custom fields, as well as auto-reporting functionality.

The Core Software supports all of our modules, providing a powerful resource management tool for your business.
ATTENDANCE

The ERS Biometrics Attendance Module enables companies to monitor and manage their employee attendance and time worked.

- Comprehensive Attendance reports
- Auto report functionality
- SMS/email notification of exceptions
- Online device monitoring and management
ERSBio EBZ100  Wi-Fi Fingerprint Device

The ERSBio EBZ100 device is our most cost-effective Time & Attendance device that utilizes fingerprint verification to positively identify individuals. It uses wi-fi to communicate to our cloud-based software.

- Fingerprint Capacity 1,000
- Transaction Capacity 50,000

ERSBio EBZ101  Fingerprint Device

The EBZ101 device utilizes fingerprint verification to positively identify individuals. Both wi-fi and LAN connection can be used to communicate with our specialised cloud-based software.

- Fingerprint Capacity 3,000
- Transaction Capacity 30,000

ADDITIONAL HARDWARE

ERSBio EBZU02  USB Fingerprint Scanner

The EBZU02 USB device is used to enroll employees onto the ERSBio software from a workstation, as well as clock employees IN & OUT on our Desktop / Web Clocking Module.

- Enrollment reader
- Desktop / Web clocking device
TIME AND ATTENDANCE

The ERS Biometrics Time and Attendance Module enables companies to accurately manage their employee attendance, hours worked, overtime taken, leave submitted, etc. The module takes away many of the manual processes allowing for easy exception management.

- Advanced Shift Management
- Schedule Your Shifts / Rostering
- Comprehensive reports
- Auto report functionality
- Leave Management
- Pre-loading of Overtime
- Clock Management
- Export to Payroll

ERSBio EBZ100  Wi-Fi Fingerprint Device

The ERSBio EBZ100 device is our most cost-effective Time & Attendance device that utilizes fingerprint verification to positively identify individuals. It uses wi-fi to communicate to our cloud-based software.

- Fingerprint Capacity: 1,000
- Transaction Capacity: 50,000
ERSBio
EBZ101
Fingerprint Device

The EBZ101 device utilizes fingerprint verification to positively identify individuals. Both wi-fi and LAN connection can be used to communicate with our specialised cloud-based software.

- Fingerprint Capacity | 3,000
- Transaction Capacity | 30,000

ERSBio
EBZF01
Facial Recognition Device

The ERSBio EBZF01 device utilizes fingerprint and/or facial verification to positively identify individuals. The device communicates with our Cloud-based software via LAN.

- Fingerprint Capacity | 4,000
- Transaction Capacity | 100,000

ERSBio
EBZ500
Fingerprint Time & Attendance Device

The ERSBio EBZ500 device utilizes fingerprint verification to positively identify individuals. It allows for both GPRS/3G and LAN communication to our cloud-based software.

- Fingerprint Capacity | 8,000
- Transaction Capacity | 200,000

ERSBio
EBZM01
Mobile Time & Attendance Device

Mounted in a durable carry case, the portable version of the EBZ500 is equipped with a power level indicator, built-in battery and charger. It comes with an optional car charger / inverter as well as a mounting bracket for temporary installation. It utilizes GPRS/3G to communicate with our cloud-based software with an optional LAN connection.

- Fingerprint Capacity | 8,000
- Transaction Capacity | 100,000
ERSBio EBZ501  |  Fingerprint Time & Attendance Device

The ERSBio EBZ501 device is one of our most advanced devices. It utilizes fingerprint verification to positively identify individuals. It comes equipped with a built-in camera and communicates through 3G or LAN to our cloud-based software.

- Fingerprint Capacity | 20,000
- Transaction Capacity | 100,000

ERSBio EBZM02  |  Mobile Time & Attendance Device

Mounted in a durable carry case, the portable version of the EBZ501 is equipped with a power level indicator, built-in battery and charger. It comes with an optional car charger / inverter as well as a mounting bracket for temporary installation. It utilizes 3G to communicate with our cloud-based software and comes with an optional LAN connection.

- Fingerprint Capacity | 20,000
- Transaction Capacity | 100,000

ADDITIONAL HARDWARE

EBZU02  |  USB Fingerprint Scanner

The EBZU02 USB device is used to enroll employees onto the ERSBio software from a workstation, as well as clock employees IN & OUT on our Desktop / Web Clocking Module.

- Enrolment reader
- Desktop / Web clocking device

ADDITIONAL T&A ACCESSORIES

MOBILE CHARGER/INVERTER

FIXED MOBILE MOUNTING BRACKET
JOB COSTING

The ERS Biometrics Job Costing Module allows you to capture your job costing activities online, automatically transferring the data to the biometric device (Device specific) or Smartphone APP. Employees access the activities on a dropdown menu on the device/s itself when clocking. Specific activities can be set to only appear on selected devices, making the dropdown selection simple and uncluttered.

- Easy job selection with positive identification
- Comprehensive reports
- Integrates into scales (Weight & Quantity)
- Exports to payroll

ERSBio EBZ501
Fingerprint Time & Attendance Device

The ERSBio EBZ501 device is one of our most advanced devices. It utilizes fingerprint verification to positively identify individuals. It comes equipped with a built-in camera and communicates through 3G or LAN to our cloud-based software.

- Fingerprint Capacity  |  20,000
- Transaction Capacity  |  100,000

SCALES
Hanging & Platform

Both Scale options are linked to a EBZ501 device, which communicates both quantity and/or weight through to the ERSBio server.

PLATFORM SCALES
- 60 / 150 / 300 / 600 kg Capacity
- 400x500 / 450x600 / 600x800 mm Platform Sizes

HANGING SCALES
- 150kg Maximum Weight Capacity
The “ERS Mobile Clock Plus” is a Smartphone Time and Attendance Clocking APP that enables employees to clock IN or OUT from a remote location, using the phone’s GPS functionality to plot them on Google Maps to verify their location. All clocking information is viewable on the ERS Biometrics Time & Attendance Module, giving you extensive tools and reports to properly manage your remote employees’ time worked.

- Links to the ERS Biometrics T&A Software
- GPS coordinates of clocking locations
- Geofencing
- Plot clocking on Google Maps
- Photo function for visual evidence
- Clock multiple employees
- Job Costing functionality
- Supports external fingerprint module

**ADDITIONAL HARDWARE**

**EBZU03**  |  Smartphone USB Fingerprint Scanner

The EBZU03 fingerprint device connects to Android Smartphones / Tablets through the Micro USB port, combined with our Mobile APP it provides positive identification of employees off-site. The devices can scan multiple employees from a single / supervisor’s phone.

- Fingerprint Capacity  |  500
- Android Version  |  5+
WEB CLOCKING

The ERSBio Web Clocking Module allows employees to clock IN and OUT on the ERS software at their workstation as an alternative or in conjunction with the traditional clocking methods.

- Multiple employees can be clocked IN or OUT on one workstation
- Blocking / allowing of certain IP addresses, ensuring that employees cannot clock from home and must be present at work in order to clock
- The interface can be dragged into any position on the screen
- Shows employees T&A stats, broken down into Hours worked, Breaks and Total hours
- Automatically synchronize every 60 seconds with the ERS Biometrics Cloud Software

ADDITIONAL HARDWARE

EBZU02 | USB Fingerprint Scanner

The EBZU02 USB device is used to enroll employees onto the ERSBio software from a workstation, as well as clock employees IN & OUT on our Desktop / Web Clocking Module.

- Enrolment reader
- Desktop / Web clocking device
ACCESS CONTROL

The ERS Biometrics Access Control Module will allow you to manage your access control remotely, creating a secure business premises.

- Secure Access Control Management
- Time Zones (EBZ500 only)
- Temporary Access Rights (EBZ500 only)
- Smart Access / Access rights altered based on triggers (EBZ500 only)
ERSBio EBZ101 | Fingerprint Device

The EBZ101 device utilizes fingerprint verification to positively identify individuals. Both wi-fi and LAN connection can be used to communicate with our specialised cloud-based software.

- Fingerprint Capacity  |  3,000
- Transaction Capacity  |  30,000

ERSBio EBZF01 | Facial Recognition Device

The ERSBio EBZF01 device utilizes fingerprint and/or facial verification to positively identify individuals. The device communicates with our Cloud-based software via LAN.

- Fingerprint Capacity  |  4,000
- Transaction Capacity  |  100,000

ERSBio EBZ500 | Fingerprint Time & Attendance Device

The ERSBio EBZ500 device utilizes fingerprint verification to positively identify individuals. It allows for both GPRS/3G and LAN communication to our cloud-based software.

- Fingerprint Capacity  |  8,000
- Transaction Capacity  |  200,000

ERSBio EBZ501 | Fingerprint Time & Attendance Device

The ERSBio EBZ501 device is one of our most advanced devices. It utilizes fingerprint verification to positively identify individuals. It comes equipped with a built-in camera and communicates through 3G or LAN to our cloud-based software.

- Fingerprint Capacity  |  20,000
- Transaction Capacity  |  100,000
ERSBio

EBZS01  IP65 Rated Slave Fingerprint Device

The EBZS01 slave device utilizes Fingerprint for positive verification. It has an IP65 weatherproof rating and interfaces with both access control devices and controllers.

ERS010  Entrance Breathalyser System

Automatic industrial breathalyser used to check for alcohol on the breath of workers at turnstiles, entrances to sites, offices, mines, refineries and warehouses. A Pass result will allow access to the premises and a Fail result will prevent access.

- Pass is below 0.01% B.A.C.
- No mouthpiece required

ADDITIONAL DEVICE ACCESSORIES

- 3.2 AMP POWERSTORE
- 12V BATTERY
- EXTERNAL WHIP AERIAL
- EBZ500/1 RAINCOVER
- EBZ101 RAINCOVER
- 3 CORE POWER CABLE (PER METER)
- 16X16mm SQUARE TRUNKING (PER METER)
TURNSTILES & BARRIERS

FULL HEIGHT MANTRAP CUBICLE

- Single or Double
- Interior use
- No maintenance

FULL HEIGHT BI-DIRECTIONAL MANTRAP TURNSTILE

- Single only
- Interior or exterior use
- Can be fully disassembled to fit through a standard door
FULL HEIGHT BI-DIRECTIONAL INDUSTRIAL TURNSTILE
- Single or Double
- Interior or exterior use
- 3, 4 or 5-arm available

STREAMLINE WAIST HEIGHT TURNSTILE
- Bi-directional
- Anti-reverse system
- Interior or exterior use

SINGLE LANE GLASS FLAP BARRIER
- 25 open/closes per minute
- Interior or exterior (covered) use
- Bi-directional

SINGLE LANE PERSPEX FLAP BARRIER
- 25 open/closes per minute
- Interior or exterior (covered) use
- Bi-directional
SPEEDGATE EXPRESS
- 1 sec open / 1 sec close
- Interior or exterior (covered) use
- Bi-directional
- Multi-lane configurations

SINGLE LANE PARAPLEGIC GLASS BARRIER
- 10 open/closes per minute
- Interior or exterior (covered) use
- Wide lane width

SPECIAL NEEDS GATE
- 180° opening
- Interior or exterior (covered) use
- Wide lane width

CARD DROP BOX
- Used with turnstiles, mantrap booths, access gates and vehicle barriers
- Interior or exterior use
- Optical sensors to detect falling cards
VEHICLE BARRIERS

TALON VEHICLE BARRIER

- Various arm lengths
- Double-sided spikes protect from both sides
- Left or right handed orientation
3M VEHICLE BARRIER

- Simple installation
- 1.8 second opening / 1.8 second closing
- IP54

EBZPR01 LICENSE PLATE RECOGNITION

The EBZLPR01 solution makes use of License Plate Recognition to automate your Access Control mechanism, enabling quick access to your premises.

- Works offline
- Blacklist functionality
- Pre-load visitors
- IP65

ADDITIONAL VEHICLE BARRIER HARDWARE

TRAFFIC LIGHT - RED & GREEN (TALON BARRIER ONLY)

GROUND LOOP 2M X 0.75M CUT INTO ROADWAY

ARTICULATED BARRIER ARM (TALON BARRIER ONLY)

2M CAR / TRUCK GOOSENECK STAND

STAINLESS STEEL CAR GOOSENECK STAND 1.2M INCLUDING RAINCOVER

POWDER COATED CAR GOOSENECK STAND 1.2M INCLUDING RAINCOVER
CCTV, CAMERAS & INTERCOMS

PL-852D18E/36E
2MP 10x/36x Low Light Network PTZ Camera

- Support dual stream encoding
- DWDR / BLC / 2D & 3D noise reduction
- Pan speed up to 480°/s
ES-854M12H
4MP H.265 IP 1080P WDR IR Mini Eyeball Camera
- 3D DNR, DWDR
- IR-Cut filter, Day&Night
- PoE power supply
- Lightning protection up to 6KV
- Support iOS/Android remote monitoring

DL-852T28B
2MP H.265 IP 1080P WDR IR Dome POE Camera
- 3D DNR, DWDR
- IR-Cut filter, Day&Night
- PoE power supply
- Lightning protection up to 6KV
- Support iOS/Android remote monitoring

EL-852T28I
2MP H.265 IP 1080P WDR IR Eyeball POE Camera
- 3D DNR, DWDR
- IR-Cut filter, Day&Night
- PoE power supply
- Lightning protection up to 6KV
- Support iOS/Android remote monitoring

BL-854N28L
4MP H.265 IP 1080P WDR IR Bullet POE Camera
- 3D DNR, DWDR
- IR-Cut filter, Day&Night
- PoE power supply
- Lightning protection up to 6KV
- Support iOS/Android remote monitoring
BS-854N12K
4MP H.265 IP 1080P WDR Mini Bullet POE Camera

- 3D DNR, DWDR
- IR-Cut filter, Day&Night
- PoE power supply
- Lightning protection up to 6KV
- Support iOS/Android remote monitoring

Z8504NER-4P/8P/16P/32P
4/8/16/32 Channel 4K & H.265+ Network Video Recorder

- Easy to use software
- H.265+ / H.265 / H.264+ / H.264 decoding
- DHCP, FTP, DNS, DDNS, NTP, UPNP, RTSP etc
- Cloud service, P2P

COMMAX 4.3" VIDEO DOOR INTERCOM KIT

Controlled by using optical-touch keys, it allows you to connect one door station and home phone (DP-4VHP, not included in the kit).

- 4.3 inch TFT LCD screen
- Support 1 Monitor, 2 Camera and 2 Interphones

MKII PLUS SMART INTERCOM SYSTEM & KEYPAD

Ideal for cluster complexes, townhouses, business parks, residential estates and other access managed environments.

- LED display & keypad
- Back-up battery
- Can integrate with mobile phones
- Keypad - IP55 weatherproof
ACCESS CONTROL LOCKS & ACCESSORIES

- 300KG MAGNETIC LOCK COMPLETE
- 600KG MAGNETIC LOCK COMPLETE
- TIMER RELAY FOR MAGLOCK
- NO-TOUCH SENSOR
- TOUCH TO EXIT SENSOR
- PUSH BUTTON WIRED AND FITTED
- HEAVY DUTY DOOR CLOSURE 85KG MAX
- SECURITY BYPASS KEY FITTED ON OUTSIDE OF DOOR
- WIRELESS REMOTE CONTROL PUSH BUTTON
- 1 CHANNEL WALL MOUNTED TRANSMITTER
- EMERGENCY EXIT SWITCH BOX - RESET TYPE
- BYPASS ACTIVATION ALARM
NO-TOUCH DISPENSER

Our automated, wall-mounted, non-contact dispensers utilise alcohol-based spray refills.

- Interchangeable parts
- Lockable nozzle

REFILLS

The medical quality, germ-free sealed cartridges come in an alcohol-based spray form. The 1200ml refill is easy to replace and can spray up to 3,000 times.

- Ready to use
- 70% Ethanol, quick to evaporate
Handheld Metal Detector
EBZMD03
A perfect tool for speeding up security processes, it comes with indicators that visually display the size of detected objects through different coloured lights.
- Adjustable sound and vibration
- Rechargeable battery
- Up to 40 working hours with a single charge

Walk-through Metal Detector
EBZMD02
- 33 Mutual over-lapping detecting zones
- Sensitivity adjustable
- Uses high-density fireproof material
- Sound & LED alarm

Single Energy X-Ray Machine
EBZX01
- Energy-saving mode
- Bi-direction scanning (optional)
- Electrical weighing system (optional)
- Fingerprint console board & desk (optional)
- Alarm
- 64 x Zoom function
- Tunnel Size: 507mm x 305mm (WxH)
EBZX02 | Dual Energy X-Ray Machine
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- Energy-saving mode
- Bi-direction scanning (optional)
- Electrical weighing system (optional)
- Fingerprint console board & desk (optional)
- Alarm
- 64 x Zoom function
- Tunnel Size: 507mm x 305mm (WxH)

EBZX03 | Dual Energy X-Ray Machine
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- Stop / start
- Bi-direction scanning
- Energy saving mode (optional)
- Electrical weighing system (optional)
- Video surveillance system (optional)
- Fingerprint console board & desk
- Alarm
- 64 x Zoom function
- Tunnel Size: 660mm x 510mm (WxH)

EBZX04 | Dual Energy X-Ray Machine
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- Adjustable belt speed
- Large baggage and parcel screening
- Fingerprint console board
- Dual monitor operation desk
- Tunnel Size: 1006mm x 803mm (WxH)

EBZX05 | Dual Energy X-Ray Machine
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- Adjustable belt speed
- Large baggage and parcel screening
- Fingerprint console board
- Dual monitor operation desk
- Di-directional scanning
- Tunnel Size: 1008mm x 1009mm (WxH)