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 the setting up of groups, departments etc. 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.

- Employee Management
- User Management
- Setup SMS / Email Alerts
- Comprehensive Reporting
- Full access to our dedicated Support team
ATTENDANCE

The ERS Biometrics Attendance Module caters for the smaller businesses, providing Basic Attendance needs, enabling companies to monitor and manage their employee attendance and time worked. It replaces outdated Card Punch Systems / Registers.

- Employee Management
- Setup of Groups
- Setup of Departments
- Comprehensive Attendance reports
- Auto report functionality

- Online Device monitoring and management
- Full access to the ERSBio SMS Communication Module
- Real-time monitoring
- Notifications
The ERS Biometrics Time and Attendance Module caters for advanced business requirements, enabling 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
- SMS/email notification of exceptions
- Leave Management
- Pre-loading of Overtime
- Clock Management
- Export to Payroll
- Full access to the ERSBio SMS Communication Module
ENFORCER

The ERS Biometrics Enforcer Module manages all Clocking Exceptions on behalf of a business, simply notifying management of when an employee doesn’t clock IN or OUT, works Short hours and even when an employee works unauthorized overtime.

- Automated Exception Management
- Only shows clocking exceptions
- Sends Email Alerts to Line Manager
- Escalates alerts or sends reminders if not attended to
- Respond with comments only or edits
- Keeps Managers accountable for Time Management
Leave Management

Leave is one of the most time-consuming and difficult processes for any business to manage. Our unique Leave Management Module option provides the facility to pre-load annual or sick leave for employees, reducing the need for modifications at a later stage. Leave can be applied for online and approved with the click of a button.

- Employees can apply for leave online or from our smartphone app
- System admin users / management can immediately approve or decline the leave
- An automated email is sent out to both the employee and the manager confirming the leave status
- The updated leave is then ready to sync with payroll
- Able to Upload/Attach relevant documentation
- Add comments to motivate requests
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
- Barcode integration for easy capture
The “ERSBio Clock Pro App” 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
- Apply and/or approve Leave application
- Facial Verification available

- Photo function for visual evidence
- Clock multiple employees
- Job Costing functionality
- Supports external fingerprint module
- Receive notifications and alerts

*Compatible with version R14 and higher ERSBio cloud software
The ERSBio Desktop Clocking Module will allow employees to clock IN and OUT on the ERS software at their workstation as an alternative or in conjunction with the traditional clocking methods, without having to log in through the internet onto our system.

- Multiple employees can be clocked IN or OUT on one workstation
- Employees can be enrolled through the use of a fingerprint scanning device
- Overviews of all employees and their working hours
- Reports can be pulled per employee
- Automatically synchronize with the ERS Biometrics Cloud Software when connected to the internet

**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 Clocking Module.

- Enrolment reader
- Desktop Clocking device

**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
- Facial verification for added security
COMMUNICATION MODULE

The ERS Biometrics Communication Module enables businesses to send personalised bulk SMS messages to their database of employees or clients, as well as suppliers, from a central point.

- Send messages immediately or schedule them
- Personalise messages
- Incorporate data from any field (Amount Due, etc.)
- Save Template messages
- Sends automatic messages for special dates (Birthdays etc.)
- Allows for reply messages
- Comprehensive reporting
ERS WATCHDOG

ERS Watchdog will allow you to monitor your employee’s activity on their work computers / laptops once they have clocked IN for work, giving a clear indication of which sites / applications / programs were accessed and for which period of time.

You have full control over which programs are seen as Productive or Unproductive, and certain sites or applications can be blocked, immediately clocking the employee OUT for work, once accessed. The employee is also clocked OUT if they have been inactive for a certain period of time. This will allow you to generate a report on exactly how many hours an employee is truly working.

ERS Watchdog is online and needs no hardware to install. Once the employee is done working for the day, they can clock OUT and are free to access any site / application / program.

- Employees can apply for leave online or from our smartphone app
- System admin users / management can immediately approve or decline the leave
- An automated email is sent out to both the employee and the manager confirming the leave status
- The updated leave is then ready to sync with payroll
- Able to Upload/Attach relevant documentation
- Add comments to motivate requests

COMPREHENSIVE REPORTS

Generate Reports on exactly which programs / sites / applications are used and the duration of activities. Reports can be categorised as Productive and Unproductive and are grouped.

LINKS TO T&A

Employees can clock IN or OUT for work on the app, either at the office of working from home. Comments can be added if additional info is required.

ALERTS

Set up programs / sites / applications that are seen as unproductive or are not permitted and automatically warn an employee if these are accessed via a pop-up screen.
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-Series only)
- Temporary Access Rights (EBZ500-Series only)
- Smart Access / Access rights altered based on triggers (EBZ500-Series only)
- License Plate Recognition
- Visitor Management
DEVICES & ACCESSORIES

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-SERIES  
**Multi-function Fingerprint Device**

The ERSBio EBZ500-Series devices utilize fingerprint verification to positively identify individuals. It allows for both 3G and LAN communication to our cloud-based software. They have been designed to integrate with multiple 3rd party hardware devices, such as slave readers, scales and barcode scanners.

- Fingerprint Capacity | 10,000 / 25,000 / 50,000
- Transaction Capacity | 100,000

**ERSBio EBZM-SERIES  
Multi-function Mobile Fingerprint Device**

Mounted in a durable carry case, the portable version of the EBZ500 Series Devices are 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. They utilize 3G to communicate with our cloud-based software with an optional LAN connection. They have been designed to integrate with multiple 3rd party hardware devices, such as scales and barcode scanners.

- Fingerprint Capacity | 10,000 / 25,000 / 50,000
- Transaction Capacity | 100,000

**EBZFP830  
Extreme Weather Facial & Palm Terminal**

The robust Facial Verification Terminal is ideal for extreme weather conditions and caters for either Facial or Palm Recognition.

- Face recognition within 0.3 seconds
- Anti-spoofing
- Recognition under extremely poor lighting conditions

**EBZFP806  
Facial & Palm Terminal**

The EBZFP806 device enables fast and accurate verification of individuals even while wearing a mask. It supports Facial and Palm verification for touchless T&A and Access Control.

- Facial and Palm Verification of Individuals
- <1sec Facial Recognition speed
- Mask Detection
- Anti-spoofing algorithm
**EBZFPT806**  |  Facial & Palm Terminal with Fever Detection

The EBZFPT806 device enables fast and accurate body temperature measurement and facial verification of individuals even while wearing a mask.

- Facial and Palm Verification of Individuals
- Body Temperature Detection
- Mask Detection
- Anti-spoofing algorithm

**EBZFPT830**  |  Facial & Palm Terminal with Fever Detection

The EBZFPT830 device enables fast and accurate body temperature measurement and facial verification of individuals even while wearing a mask.

- Facial and Palm Verification of Individuals
- Body Temperature Detection
- Mask Detection
- Anti-spoofing algorithm

**EBHF806 | 810 | 820**  |  Facial Terminals

The EBHF806/810/820 Facial Recognition Terminals cater for both Access Control and Time & Attendance and have the additional option of Fingerprint or Card verification.

- Face recognition in dark environments
- Deep learning algorithm
- Watchdog tamper proofing

**EBHFT806**  |  Facial Terminal with Fever Detection

The EBHFT806 Facial Recognition Terminal caters for both Access Control and Time & Attendance and has additional Fever Screening capabilities for fast temperature measurement.

- Voice prompt when detecting a fever
- Configurable door status when detecting a fever
- Watchdog tamper proofing

ERS Bio  |  15
EBZML10B | Smart Door Lock

The EBZML10B Metal Smart Lock uses fingerprint recognition to grant access to users. It also allows for bluetooth connectivity, allowing users to unlock the door through the use of a mobile phone.

- Reversible design allows for both left and right-handed installation
- Easy to install, no wiring required
- Integrates with select existing lock-sets

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.

- Voice prompt when detecting a fever
- Configurable door status when detecting a fever
- Watchdog tamper proofing

EBHFT850 | Facial Terminal with Fever Detection

The EBHFT850 Facial Recognition Terminal caters for both Access Control and Time & Attendance and has additional Fever Screening capabilities for fast temperature measurement.

- Voice prompt when detecting a fever
- Configurable door status when detecting a fever
- Watchdog tamper proofing

EBZPL10B | Smart Door Lock

The EBZPL10B Rugged Plastic Smart Lock uses fingerprint recognition to grant access to users. It also allows for bluetooth connectivity, allowing users to unlock the door through the use of a mobile phone.

- Reversible design allows for both left and right-handed installation
- Easy to install, no wiring required
- Integrates with select existing lock-sets
SCALES | Hanging & Platform

Both Scale options are linked to an 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

ADDITIONAL DEVICE ACCESSORIES

- 3.2 AMP POWERSTORE
- 12V BATTERY
- EXTERNAL WHIP AERIAL
- EBZ500/1 RAINCOVER
- EBZ101 RAINCOVER
- MOBILE CHARGER/INVERTER
- 3 CORE POWER CABLE (PER METER)
- 16X16mm SQUARE TRUNKING (PER METER)
- FIXED MOBILE MOUNTING BRACKET
FULL HEIGHT MANTRAP CUBICLE

- Single or Double
- Interior use
- No maintenance

TURNSTILES & BARRIERS
FULL HEIGHT BI-DIRECTIONAL INDUSTRIAL TURNSTILE

- Single or Double
- Interior or exterior use
- 3, 4 or 5-arm available

CARD | FP

FULL HEIGHT BI-DIRECTIONAL MANTRAP TURNSTILE

- Single only
- Interior or exterior use
- Can be fully disassembled to fit through a standard door

CARD | FP

SPEEDGATE EXPRESS

- 1 sec open / 1 sec close
- Interior or exterior (covered) use
- Bi-directional
- Multi-lane configurations

CARD | FP

SINGLE LANE PARAPLEGIC GLASS BARRIER

- 10 open/closes per minute
- Interior or exterior (covered) use
- wide lane width

CARD | FP
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
VELOCITY VEHICLE BARRIER

- High-speed operation, low power consumption
- Articulated arm available
- Built-in battery backup

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

PTZ CAMERAS

<table>
<thead>
<tr>
<th>CODE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC466-3</td>
<td>1.3 MP IR 100m / 150m Outdoor 20 x OZ High</td>
</tr>
</tbody>
</table>

PTZ CAMERA ACCESSORIES

- PTZ Pendant Mount Bracket - White CC468-2
- PTZ Corner Mount Bracket - White CC468-3
- PTZ Bracket Pole Mount - White CC468-4
- PTZ Bracket Wall Mount - White CC468-5
- USB PTZ Joystick Controller CC95-2
- HIK LCD Touch Panel Network Keyboard CC95-6
### DOME CAMERAS

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>IP Cam 2MP / 4MP Dome IR 30M MVF 2.8-12mm</td>
<td>CC408-9 / CC408-15</td>
</tr>
<tr>
<td>IP Cam 2MP Dome IR 30M - 2.8mm / 4mm Fixed Lens IK10</td>
<td>CC408-11 / CC408-6</td>
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</table>

### PoE BULLET CAMERAS

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP Cam 2MP Bullet IR 30M 2.8mm</td>
<td>CC409-16</td>
</tr>
<tr>
<td>IP Cam 2MP / 4MP Bullet IR 30M - 4mm Fixed</td>
<td>CC409-6 / CC406</td>
</tr>
<tr>
<td>IP Cam 2MP / 4MP EXIR Bullet IR 80M - 6mm Fixed</td>
<td>CC409-10 / CC406-2</td>
</tr>
</tbody>
</table>

### NON-PoE BULLET CAMERAS

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP Cam 2MP / 4MP EXIR Bullet IR 50M - 6mm Fixed</td>
<td>CC409-8 / CC406-1</td>
</tr>
<tr>
<td>IP Cam 2MP / 4MP Bullet IR 50M - MVF 2.8-12mm</td>
<td>CC410-2 / CC406-3</td>
</tr>
</tbody>
</table>

### ANPR CAMERAS

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP Cam 2MP Bullet ANPR IR 50m / 100m B-32mm Lens</td>
<td>CC413 / CC413-2</td>
</tr>
</tbody>
</table>
**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

### PoE NVR’S

<table>
<thead>
<tr>
<th>Model</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/8/16Ch NVR 40Mbps 2SATA Alarm IO</td>
<td>CD61 / CD70-4 / CD76-9</td>
</tr>
<tr>
<td>32Ch NVR 256Mbps 4SATA HDMI RJ45 1000Mbps Alarm IO:16/4 16POE</td>
<td>CD73</td>
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### NON-PoE NVR’S

<table>
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<th>Model</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/8/16Ch NVR 40Mbps 2SATA Alarm IO</td>
<td>CD64 / CD71-4 / CD72-4</td>
</tr>
<tr>
<td>32Ch NVR 256Mbps 4SATA HDMI/VGA 2 RJ45 Alarm IO:16/4</td>
<td>CD78</td>
</tr>
</tbody>
</table>

### CAMERA ACCESSORIES

- Securi-prod Universal Camera Mounting bracket CA21

### THERMAL CAMERAS

- Accurate temperature screening
- Audio alarm for abnormal temperatures
- Centralized management with temperature storage
- Simultaneous screening of up to 30 individuals
- Tripod or Wall/Ceiling mountable options

<table>
<thead>
<tr>
<th>Model</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBETHT01 &amp; 02</td>
<td></td>
</tr>
</tbody>
</table>

ERS Bio | 25
ACCESS CONTROL LOCKS & ACCESSORIES

- **300KG Magnetic Lock Complete**
- **600KG Magnetic Lock Complete**
- **No-Touch Sensor**
- **Touch to Exit Sensor**
- **Heavy Duty Door Closure 85KG Max**
- **Security Bypass Key Fitted on Outside of Door**
- **1 Channel Wall Mounted Transmitter**
- **Emergency Exit Switch Box - Reset Type**
- **Timer Relay for Maglock**
- **Push Button Wired and Fitted**
- **Wireless Remote Control Push Button**
- **Bypass Activation Alarm**
E2S SIREN RANGE
4 X MODELS AVAILABLE
300m / 500m / 800m / 1000m sound output

DOOR LOOPS
3-CORE WIRE
MULTICOR WIRE

PRINTERS & ACCESSORIES

SMART ID CARD PRINTER
SINGLE-SIDED HD

BLACK RIBBON
1200 PRINTS

COLOUR RIBBON
250 PRINTS

15MM ROYAL BLUE LANYARD
(100 MIN)

RF CARDS

RF CARD HOLDER
SANITISERS, DISPENSERS & REFILLS

PUSH BUTTON DISPENSER
Wall-mounted, push button dispensers utilise alcohol-based spray refills.
- 70% Alcohol-based refill
- Double-sided tape or screw mounted options available
- Refillable
- Easy to use

5L SANISER REFILL
- 70% Alcohol-based refill
- Quick to evaporate

EBTHS01 MOUNTED AUTOMATIC HAND SANITISER
- Dispenses fine mist with excellent coverage
- Wall, turnstile and gooseneck mountable
- Infrared sensor for automatic activation
- 2 litre reservoir
- Relay output signal after completion of spraying
**EBTHS02 FOOT-OPERATED SANITISER**

- Dispenses fine mist with excellent coverage
- 10 litre reservoir, reducing refilling frequency, with low level reservoir LED indicator
- Infrared sensor / foot switch operated
- Can be fitted on wheels for mobility
- Can be operated on battery power (charger circuit supplied for overnight charging)

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**EBTHS03 FOOT-OPERATED SANITISER**

- Works with any spray bottle or gel pump
- Adjustable to suit your sanitiser bottle
- Manufactured from 304 grade brushed stainless steel
- Easy to clean

---

**WALKTHROUGH SANITATION BOOTH**

Protect your premises, staff and visitors from harmful and contagious viruses, bacteria and fungi.

- Fully automated fine mist spray
- Non-slip floor
- Tank capacity 100L
- 100% natural, no hazardous or toxic chemicals
- Safe on clothing and skin

---

**HYGIENE STRIDE BOOTH**

Protect your premises, staff and visitors from harmful viruses and bacteria. Excellent coverage and ease of passage.

- Fully automated fine mist spray
- Non-slip floor
- Tank capacity 100L, with accumulator
- Adjustable floor feet for leveling
- LED Go/Stop indicator
INFRARED & THERMAL SCANNERS

**EBET05**  |  Infrared Handheld Thermometer
- 0.5 second response time
- LCD backlight
- Alarm
- 3 - 5 cm distance
- Data storage of up to 32 temperature readings

**EBET06**  |  Infrared Handheld Thermometer
- 0.5 second response time
- LCD backlight
- Alarm
- 1 - 5 cm distance
- Data storage of up to 32 temperature readings

**EBST06**  |  Handheld Thermal Imager
- 0.5°C accuracy
- LCD screen
- Built-in rechargeable battery
- Memory Card
METAL DETECTORS

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

EBZMD03  |  Handheld Metal Detector
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