



## **BIOWAVE MANAGEMENT SYSTEM**

TECHNOLOGY THAT DOESNT  
COMPROMISE ON SECURITY

**BIOWAVE PAY  
BIOWAVE ACCESS  
BIOWAVE ATTENDANCE**

### **Contact Us**

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# BioWave Pay

Introduce a biometric payment option to your organisation, which can be managed from the same portal as your organisation's access control system.

Our unique technology speeds up the checkout process, reduces queue times and ensures a frictionless customer experience – whether at a self-serve retail kiosk or making a payment at a bar.

Using 3D contactless fingerprint technology from IDEMIA we are able to provide a complete contactless biometric payment solution.

Whether you operate a bar, club, local convenience store or large supermarket, with BioWave pay your able to have age verification at hand. There's no need for ID cards, documents or devices, reducing queue times and providing a frictionless customer experience.

- Reduce queues with quick payment transactions
- Drive customer loyalty
- Generate upfront revenue
- No need to have cash, cards or devices in pockets
- Age verification
- Eliminate manual ID checks
- Improve queuing and retail checkout times

# BioWave Access

Security is certainly one of the biggest challenges we face throughout any organisation, from managing large-scale live events and sprawling university campuses to controlling access to buildings.

BioWave is a one-stop solution in managing your security access. technology provides a more secure way to instantly identify and authenticate visitors, giving complete peace of mind. Providing contactless biometric solution allows less maintenance for cleaning each terminal.

- Enhance security
- Faster, more convenient admittance
- Prevent event ticket fraud

# BioWave Time Attendance

Whether your business is small, medium, or large, a time and attendance system can improve your operations in a multitude of ways. Time and Attendance System to support a healthy workflow for:

- Clocking-in, Absenteeism, Staff Holidays, Overtime, and Rota-planning for your business.
- Our BioWave management has the ability to monitor and provide a real-time report
- Management of temporary and/or contract staff hours
- Rota scheduling 24/7, and staff holidays, over time, and late & absent records

The screenshot displays the BioWave Management dashboard. At the top, there are four summary cards: Enrollment Devices (4), Verification Devices (3), Total Users (17), and Total Clients (0). Below these are three data tables: Enrollment Devices Statistics, Verification Devices Statistics, and Users Biometric Statistics. Each table has a search bar and a 'Show' dropdown set to 10 entries. The Enrollment Devices table shows columns for Actions, Device State, IP, and Computer IP. The Verification Devices table shows columns for Actions, Device State, IP, and Computer IP. The Users Biometric Statistics table shows columns for Name and Enrollment Status. The dashboard also includes a sidebar with navigation options like Dashboard, Devices, Users, Attendance, Access Control, Payment, Activities, and Download the MWC Files.

# About Us

*Arana Security specialises in Biometric solution, Access Control, Smart card solutions and Surveillance systems. Our goal is to meet the needs of clients and fulfil their requirements through combining know-how, expertise and technology with excellent quality of support and services*



## Integrating our application with the IDEMIA Biometric Devices to achieve Multi-Location Authentication!

Arana Security have developed an application which allows for distributed authentication. This new concept can be used for biometric payment solution, access control & attending systems. It allows you to have multiple locations on the same biometric payment/ access control system using Idemia's MorphoWave Compact or VisionPass devices.

Arana Security provides a frictionless user experience with its complete touchless enrolment process. Our pre-enrolment mobile application allows the user to input their details and generate a QR code. The user can then scan the QR code at the touchless enrolment station in order to complete the registration.



## How it works?

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### BIOWAVE MANAGEMENT

By running the system on cloud services, we are able to sync the record with the verification devices based in multiple locations. Our verification monitoring system can then be used to overlook the verification of the users on the MorphoWave Compact (MWC). The set-up of the system can be managed under one portal, including the set-up and configuration of all MWC devices.

### SCENARIOS THIS SYSTEM CAN BE USED IN

#### SCENARIO 1

Retail establishments which require the enrolment, authentication and Verification system to be manageable from one portal for different locations. The project we are currently working on requires two Food courts from two Malls in different locations to be on the same system.

#### SCENARIO 2

Businesses with international locations can have an access control system for all their offices controlled from the same system. This will allow them to authenticate and verify users from different offices when visiting before arrival.