

LEADING EDGE SOFTWARE FROM

**Powercomputers
Limited**

Telecommunication

Executive Summary

Thank you for showing interest in our Software's solutions!

Powercomputers specializes in tailor-made software for all type of industries or businesses. All staffs are highly skilled professionals with rich IT experience.

Powercomputers knowledge base provides a superior technology selection engine, which affords clients the opportunity to rapidly determine the top performing software solution alternatives that provide the highest match to functional requirements.

Powercomputers is committed to:

- Continual development of product releases to cover new functionality requirements
- Maintaining of realistic prices for the clients.
- Client participation in the development of new features
- Continual development of documentation, help and other related information
- Provision of on-line support and resolution of product problems
- Provide professional Software solutions.
- Provide robust solution for Time & Attendance with access control system of Biometrics and leaders of it in over all Tanzania
- Provide services at a lower cost.

At Powercomputers we are hugely confident about the software's we sell. So much so that we want you to try them, risk free. That's right. Risk free.

Biometrics System Solution

Introduction:

Biometrics is the science of using parts of a human's body to identify them. E.g. Fingerprints, eye retina, nerves & heart beats etc ...

With Biometrics the operator uses personal characteristics that is unique to them and that cannot be forgotten, lost or stolen to enter the door of a factory, offices or any restricted areas. This security is effectively integrated with computer over the network and can be made maximum use for security purposes in number of ways required.

Security is a growing concern worldwide. However no matter how advanced the security system would be, any one can steal a set of keys, PIN numbers, Passwords, ID badges. Only Biometrics ensure that your security system is truly fraud free and effective.

Goals and Projected Outcomes:

The **Purpose** of Biometrics System is to have control over Human Resource by managing their Time & attendance and having access control over the secured areas

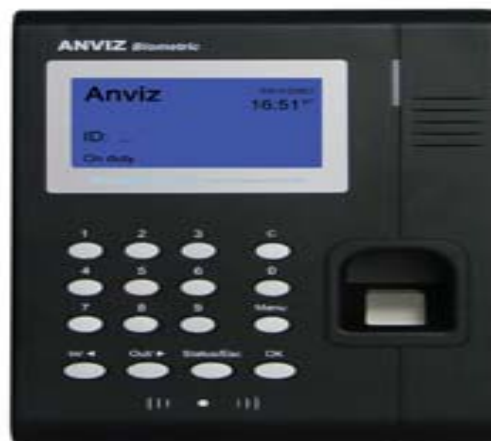
Following is the system overview:

1. The system will maintain complete records of In and Out of each employee depending on their shifts and timings. From a list of big staff - Late, Absenteeism, Lefts early etc can be easily identified. Similarly employees who have worked extra hours will also be reflected in "Over Time" sheet reports.

2. There propose two such units of Biometrics depending on requirements viz.
(a) **SAGEM Unit** – Very robust for factories, mills, warehouses etc where by environment is too dusty, or lot of presence of moisture, or soap , oily environment etc ... Generally used for time & attendance only. Have minimal door access control facilities.



(b) **OA200 Unit** – This is used in offices, banks, schools, secured and private areas for attendance and access control. Unit also supports electronic door locking facilities to enhance the securities.



3. Both the above said units have capacity of 800 employees with dual finger registration as a backup and hence providing total capacity of 1600 finger scans.

4. Network based as well as Standalone operational features. Has capacity to store more than 3000 transactions offline and than can be downloaded to computer as and when needed. Thus, allowing users to punch-in and punch-out even in absence of computer.

5. Have backup battery support for minimum of 6 hours that keeps time and attendance ON & active even in absence of electricity. Once electricity is back, battery charges itself.

6. We provide one-year warranty on each biometrics unit purchased from us, from the time of installations till one year. (Backup battery not included for the warranty.)

Overview of the Software System

Basic Installations & configurations

- ❖ Setups
- ❖ Driver configurations for fingerprint scanners
- ❖ Help on setups. configuration and installations

User Registration

- Add, update, delete, manipulate rights, enabling / disabling users

Initial Setup

- Door Description – Define access points for Biometrics
- Categories / Shifts – Define Shifts / Categories for different staffs accordingly.
- Public Holiday – Define holiday master
- Time Zone – Time zone to have access control over the punch-in & out mode.
- Reasons – Define reason to indicate staff activities, absenteeism, late etc
- Department – Define Department list depending on office needs

Clocking

- Download Logs - To download the offline transaction logs of attendance
- Startup – To make transaction log of In & Out look online

Management – allows Admin to manipulate and administer transaction logs if needed and allowed depending on requirements.

- Overtime – Manipulate overtime worked by staffs
- In / out Board – To know In / Out status of staff within the premises
- Transactions – To view and manipulate transaction activities log
- Backup – Take database backup
- ID Card – To print and design staff ID cards with barcode enabled feature
- Etc ...

Reports

- Overtime vs Absenteeism
- Present Absent Late Early left Report
- Timesheets – Working period / operations for users
- Transactions – View In / Out status and access door details
- Clocking – Check In / Out status of staff within system
- Users – Number of Biometrics registered users
- Rosters – Enables staff forecaster for operations and working shifts
- Guard Tracking – Formulate total time worked from several Time In / Time Out
- Sick Leave – Process Sick leaves and adjust reasons against it
- Approved Timesheets – Staff working and presence for the day with O.T. & break details for analysis of work done and productivity
- Clocking Faulty – To discard faulty clocking done by users, and many other ...

SITES IMPLEMENTED

❖ DAR ES SALAAM

- Toyota Tanzania
- Murzah Oil Mills Limited
- Tanzania Road Haulage
- Indonesian Embassy
- Tanpack Tissues Limited
- Central Board of Education (Almuntazir School)
- Songas Limited – with one door locking system
- Sea Cliff Hotel
- Powercomputers Telecommunication Limited – with 1 door lock system
- TANZINDIA Assurance Company Limited – with 1 door lock system
- CocaCola Kwanza Limited
- Paradise Group – City Garden / DICC
- Saafa Plastics Limited
- Mukwano Industries Limited
- Eye Catherz Limited
- Zanzibar Telecom Limited (ZANTEL)
- MGS International Limited
- The Corporate Image Limited

❖ ZANZIBAR

- Gemma' Dellet Hotel

❖ ARUSHA

- Dekker Brueins Limited
- Bonite Bottlers Depot
- East African Hotel
- Trishilla Rolling Mills Limited

❖ TANGA

- Tanga Cement (Simba Cement) – with one door lock system

❖ MBEYA

- Mbeya Cement (Tembo Cement)

❖ MOSHI

- Bonite Bottlers, HO
- RAJINDER MOTORS LIMITED
- Dekker Bruins Limited

❖ BAGAMOYO

- Paradise Holiday Resort Limited

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