

**LEADING EDGE SOFTWARE FROM**

**Powercomputers  
Limited**

**Telecommunication**

---

## **Executive Summary**

Thank you for showing interest in our Software's!

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 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.

## BARCODE TAGGING SYSTEM

### Software

This is a customized solution for generating automated Barcodes for either products or assets which can then be printed on for tagging. Tagging can be done on plastic labels or on paper labels. Label size varies and thus information to be printed on labels can be adjusted and customized on user's requirements. Difference is on label material for tagging and depends is of washable or non-washable and permanent / temporary tagging surface.



ID	ASSET CODE
1	SBC/ARS/00001
2	SBC/MOS/00002
3	STORY BOOK
4	DFSD
5	FSD

Barcode : 00002

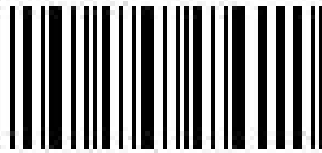
Asset Code : SBC/MOS/00002

Description : MOSHI COOLER

Asset Price : 200.00

Currency : USD

### GENERATED BARCODE



\* 0 0 0 0 2 \*

**SBC/MOS/00002**



Barcode generated can be exported into different applications viz; word, excel, text etc and can also be customized according to users needs.

### **Hardware**

1. Barcode Scanner - Barcode Scanners will be required to scan the barcode labels.
2. Barcode Printer – These are Printers for Printing Barcode

## Zebra TLP 2844 Printer Specifications and details

This printer is not a must with the software application to work with but we highly recommend it due to its features. For tagging the products and printing barcode labels, the printer plays a very important role.

The LP 2844 printer that we are suggesting you offers the widest range of interface choices, including serial, parallel, USB, internal, or external Ethernet with the ZebraNet® PrintServer II option. It's sturdy, dual-wall, high-density plastic construction ensure it will survive punishment that would damage other printers in their class. A full five-inch media roll is easily loaded into the LP 2824 printer thanks to the OpenACCESS™ design, and media usage can be monitored through the clear top cover.



- Print Speed Up to 102 mm/sec
- Max Resolution 203 dpi x 203 dpi
- Interface Parallel, Serial, USB
- Total Media Capacity 1 rolls

Printer Type	Thermal
<b>Printer</b>	
Black Maximum, Plain	100 dpi
Black Print Speed, Up to	. ppm
Printer Language	ZPL
Primary Interface	serial
Secondary Interface	parallel
Tertiary Interface	USB 1.1 , 2.0
Width, inches	7.9
Height, inches	6.8
Depth, inches	9.8

## DATA COLLECTER

**The ScanPal 2** is a portable data collection terminal with elegant styling. It is designed to provide high performance for all-day, everyday use.

The compact design allows the user single handed operation, ease of use, and durability. A brightly lit LCD graphics screen with built-in contrast control allows the user to adjust the brightness of the screen, enabling it to be read perfectly, in all lighting conditions. The font size on the display can be specified as either small font (20x8 characters), or large font (15x4 characters).

It is supported by a rich set of development tools, including 'C', 'BASIC' and a Windows-based application generator. With its integrated Laser/LRCCD barcode scanning unit, the ScanPal 2 is ideal for inventory control, work-in-process tracking, shop floor management, asset tracking, meter reading, warehousing and distribution operations.

Using only 2 standard 'AAA' batteries, the ScanPal 2 provides over 100 hours of operation. The 1MB SRAM allows for approximately 50,000 records to be stored in ScanPal 2's memory. Uploading the collected data is quick and easy via RS232, IR, IrDA, or Keyboard Wedge data transmission.



Each ScanPal 2 contains an easy to use, but comprehensive Windows-based application generator and downloading utilities. There are a multitude of applications in which ScanPal 2 performs including inventory/stock control, shipping and receiving, document monitoring, factory floor data collection, shelf price audits, price checking, asset tracking, warehousing and distribution operations.

The Asset Management Software is totally integrated with the ScanPal2 and hence it's the most suitable Software package available for your asset tracking.

## **Features**

- *Easy to read, backlit LCD screen*
- *CCD scan engine*
- *Capable of storing over 50,000 records*
- *2 'AAA' batteries provide over 100 hours of operation*
- *Optional rechargeable batteries and charging cradle*
- *Easy to use Application Generator and download software*
- *Supports C and Basic programming*
- *Upload via RS232, Keyboard, IR or wireless IrDA*
- *128 x 64 dot Graphic LCD Display (backlit)*
- *1MB for programs and 1MB SRAM for data*
- *Alkaline or NiMH rechargeable batteries*
- *Application generator and download software*

### **Compatibility**

-The system is divided into two sides

1. Server- where the database resides (back end)
2. Client – where the exe file (executable file) of the program (the front end)

Operating system - For the server side Windows NT Server, Windows 98 or 2000 for the client side.

### **Minimum system requirement**

32 MB RAM

Pentium II Processor

### **Software used**

SQL Server-for the database-back end OR MS Access

Visual Basic 6.0-for the Front End

Crystal report-for the reports

### **Consumables**

Printer Ribbons

Printing Barcode labels paper

**Implemented sites:**

GLITTER GEMS, SBC TANZANIA LIMITED, OFFICE DEPOT LIMITED, SPARE POINTS LIMITED, CASH SALE STORES, BENSON INFORMATICS LIMITED, GOLDEN TELECOMMUNICATIONS LIMITED, COMPUMANIA & CELLTRONICS, UNIQUE JEWELERS, COMPUCAT TECHNOLOGIES, JR ELECTRONICS LIMITED, EBRAHIM HAJI HOSPITAL, CONTRACTORS REGISTRATION BOARD and many more ...

For more information and demo please contact:

Amol Dharkar

***Business Development Manager***

***(Web and Software Solution)***

**POWERCOMPUTERS TELECOMMUNICATION LIMITED**

Basement – Elia Complex

Zanaki – BibiTiti Road

P. O. Box 8758

Dar es salaam

Tanzania.

**Tel:** 2126757 / 2133039 / 44

**Mob:** +255 754 360756 / 797 360756

**Email:** [amol@powercomputers.net](mailto:amol@powercomputers.net)

[www.powercomputers.net](http://www.powercomputers.net)