

SA's Largest Technology Magazine

tech smart™

getting smart with technology

Business Expo

2009

In tandem with

Franchising & Business Opportunities

Durban Exhibition Centre 12-13 June 2009

KZN's only major Multi-Dimensional Business Event



Contact: Doug Adams - Tel: 021 794 5859
email: businessexpo@intekom.co.za

www.businessexpo.co.za

Advertisement

ISSUE 65

February 2009

ISSN 1726-3358

FREE

GO GO GADGETS!



Win great prizes!



GADGETS & GOODIES ISSUE

visit us online www.techsmart.co.za

Features

Gadgets for Guys 10



Goodies for Girls 12



LG product insight 14



Regulars

Letters 4

Smart Celeb > Sureshnie Rider 6

Tech News 8

Sci News 9

The DIY Dude > Backlit USB Keyboard 26

Eco News 27

Web Time Wasters 28

NetSmart > Create your own Personal Start Pages 29

PC Hardware

HP Pavilion dv5-1030ei 18

Apple MacBook Pro 20

NComputing X550 Desktop Virtualisation Kit 21

Edimax 200mbps Homeplug Ethernet Adapter 21

Home Living

Thermaltake DH 101 Home Theatre PC 22

GTS 2minLAN and Video on Demand 24

Mobiles

Sony Ericsson G705 25

Software

Double Driver 30

Windows 7 Beta 30

PC Games

Mirror's Edge 31

Competitions

Win a set of two GTS 2minLAN Devices 25

Win 1 of 3 Mirror's Edge PC games 31



Writing this editorial leaves me with feelings of both sadness and excitement. Sadness, because after being the editor of *TechSmart Magazine* for five years, I'm now moving away to work on a new publication Smart Publishing is launching – hence the excitement! I am leaving *TechSmart* in the very capable hands of Mike Joubert, one of our founding members, who will head up the editorial team. Welcome back Mike, and congrats!

In this issue we report back to you on some of the most innovative technologies showcased at the CES show in Vegas, Thomas (our online editor), tells us about some of LG's brand new products unveiled to him on a trip to China earlier this year, and we look at some extremely funky gadgets for guys and goodies for girls.

We reviewed some fantastic products for your home (and business), like the brand new MacBook Pro, a Thermaltake HTPC and two brilliant LAN over powerline products. Keep well, until we meet again... [ED]

Suzanne Grobler <suzanne@techsmart.co.za>

lenovo™ sponsors the **ThinkPad R400 Notebook** that TechSmart Editor, Suzanne Grobler, uses. **Phone Lenovo SA on: 011-911-2000**

The TechSmart Team

Publisher
Smart Publishing cc
Business Manager
George Grobler > 083-460-0402
george@techsmart.co.za
Executive Editor
Suzanne Grobler > 083-742-6370
suzanne@techsmart.co.za
Advertising
Anelda Strauss > 083-748-3413
anelda@techsmart.co.za

Designer & Layout
Brett Wilson [BW]
Contributors
Andrew Gould [AG], Mike Joubert [MJ], Thomas McKinnon [TM], Kirsty Melville [KM], Linda Pretorius [LP]
Accounts & Subscriptions
Ronel Keet > 012-362-2732
accounts@techsmart.co.za
Online Editor
Thomas McKinnon
thomas@techsmart.co.za

Copyright © 2009. All rights reserved. No material, text or photographs may be reproduced, copied or in any other way transmitted without the written consent of the publisher. Opinions expressed are not necessarily those of the publisher or of the editor. We recognise all trademarks and logos as the sole property of their respective owners. *TechSmart* shall not be liable for any errors or for any actions in reliance thereon. All prices were correct at time of going to print.

C Mart

www.cmart.co.za Call 076 584 6881
The Technology People

Notebook • PC • Server • Network • Multimedia • Upgrades

Student PC

Intel Celeron 430, 1.8Ghz
Foxconn 45CMX, V+A+L
512MB DDR2 667 Mhz MEMORY
SAMSUNG 160GB SATA2 HDD
ATX CASE • DVD WRITER
Multimedia Keyboard, optical mouse, speakers

Under R2000*

Student PC (Pentium)

Esprimo Edition Desktop PC
Intel Pentium 4 HT 3.2Ghz
512MB DDR2 533
80GB SATA2 HDD • DVD-ROM SATA
Microsoft Windows XP Pro
1 year Carry-In Warranty

Under R3000*

Entrepreneur Server

INTEL SNOW HILL SERVER E2180
S3200SHV - SNOW HILL SERVER BOARD
DUO CORE E2180 - 2.0GHZ 1M 800FSB
1GB DDR2 667 MEMORY (2 x 512)
160GB SEAGATE SATA • DVD/RW
500W ATX CHASSIS

Under R5500*

*Subject to availability. All Prices Ex VAT, E&OE, Terms and Conditions Apply
Background image courtesy DreamWorks © 2005. CMart Retail (Pty) Ltd All Rights Reserved. © Copyright 2009.

FREE MAP
and Speed Camera
Updates Twice a
Year* Since 2003
(for Software Product's Lifetime)

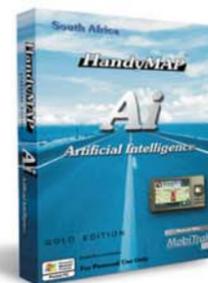
HandyMAP
South Africa
Inside

Powered by

HandyMAP
Still paying for GPS map updates?
Standard / Gold Edition Ai



(TyTn II not included)



HandyMAP navigation software

Ai Gold R800.00 incl. VAT**

- No additional license required like others if loaded onto your new PDA Phone
- FREE major map updates twice a year with unlimited map error fixes every year
- 756,000km Southern Africa routable coverage
- Free PC version with 10 installations
- Fuzzy learning
- SD expansion slot for easy upgrade

(Touch Diamond not included)



Chargers



Styluses

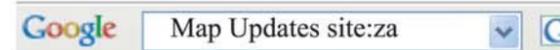


Batteries

(Wide range of HTC accessories from PDAShop
285 Lynnwood Road, Pretoria 012 362 8133)



* Free for software product's lifetime
** Cash only. Valid from 1/Feb - 28/Feb



HandyMAP navigation software
Ai Standard for Pocket PC and PC

Special!! R300.00 incl. VAT**
(Offer only valid when you walk-in Lynnwood PDAShop)

SEARCH Google: Map Updates and see what people say



Write to us and win this great title sponsored by **MEGAROM** interactive

SEND YOUR EMAIL TO INFO@TECHSMART.CO.ZA

Letter of the Month

Dear TechSmart,
Long time back when I was just a young matric student, the world of computing became visible to me for the first time. I was blinded and could see neither hardware nor software at the time. It was like living in the dark ages; not knowing that there existed a universe, let alone earth. However, once I discovered that computers and computing devices do exist; that was the start of my best friend's headaches. I knew that he owned a computer and hence I retrieved a large amount of information from him, sucking his poor brain dry in the process. But my hunger for computing knowledge would not be satisfied. I bought my first desktop computer three years later and my first laptop a year after the desktop – the desktop was purchased as a result of many TechSmart publications. (Research I conducted earlier was from TechSmart publications but TechSmart wasn't even in magazine format yet – it was a large poster sized page folded numerous times!) As the days pass by, my earlier techdumbness dies one day at a time.

I'm now a mechanical engineer and cannot imagine my life without a computer! Hence, thank you TechSmart for educating the nation, especially me, at no cost whatsoever.

PS: Have you guys tested Windows Beta 7 yet? What are your opinions? There are mixed feelings on the web, as to when Windows 7 will be released. Any info on its exact release date will be much appreciated.

Sheraton Singh



Hi Sheraton. Thanks for your letter and congrats on winning GTA IV for PC courtesy of Megarom Interactive. Read the answer to the next letter for more info on Windows 7. [ED]

Hello TechSmart,
I bought a laptop about a year ago and it came with Windows Vista Home. I got along with Windows XP just fine, but Vista is very frustrating. At work I heard that there is a new Windows available as a free upgrade. Do you know anything about it?

Carlos Wilson (Sandton)

Hi Carlos. You must be talking about the new Windows 7 Beta. It is currently available free to download up until 10 February, but it is not something we would recommend for the casual user. This copy is not yours to keep forever though, seeing that your download will expire on 1 August 2009. Check out our article on p30. [MJ]

Hello Suzanne,
I read your magazine regularly but I am a long way away from being "TechSmart" yet. I use Outlook Express and the other day I tried to open one of my .dbx files out of interest. Big mistake!! I was asked what program I wanted to open this file with. I could not see Outlook Express and I foolishly clicked on Word. I could not undo this and of course all my .dbx files are opening in Word and garbled. My Outlook Express is working OK but I just want to undo what I did. Is there anyone in your expert team who could help me?

Grace

Hi Grace. This is not a huge problem at all. Windows has just associated the .dbx files (the files that store email data) with Word. You can right click on any .dbx file and click on "Open With". If Outlook doesn't appear on the list, you can then click on "Browse", which takes you to Program Files. Then open the Outlook Program Folder and click on msimn.exe (Microsoft Internet Mail and News – Outlook Express's old name). The .dbx files will now be associated with Outlook Express. Make sure to check "Always use the selected program to open this kind of file". [AG]

EEZY DOES IT...

...WITH **BULKSMS** .COM
THE EASIER WAY!



021 552 6321 | www.bulkSMS.com

TOUGHBOOK®

Computers for the Outside World™

- Certified Military Standard MIL-STD-810F
- Intel™ Core 2 Duo processors
- Dust and water resistant
- Drop resistant to 90cm
- Serial port
- Wireless LAN integrated
- Optional wide-area wireless solutions: GSM/GPRS/3G/edge*
- Optional built-in HSDPA/GPS*



Conditions apply.
Panasonic recommends
Windows Vista™ Business

90cm free fall tests conducted

Sealing and fan-less design prevent the penetration of water and dust

Shock resistant LCD monitor

Shock resistant hard disk reduces risk of data loss



Shocks, drops, heat, cold, dust and damp present no risk to Panasonic fully rugged Toughbooks. A magnesium thickened casing offers maximum protection and a 6-hour rechargeable battery life allows for the most demanding use whilst on the move.

Panasonic ideas for life

For more information: Odette Kramer – 011 313 1568 • Visit our website at www.pbssa.co.za

Server Room Monitoring



**Temperature
Humidity | Power | Flood
Door Entry | Smoke
Email and Sms
notification!**

**Network-wide monitoring,
AND <http://web.page.display>**



EDP Communications
www.avtech.co.za

t +27(0)12 811 0931 e info@avtech.co.za W www.avtech.co.za

f +27 (0)86 688 3006

*Terms and conditions apply

6

Sureshnie Rider

Smart Celeb

Sureshnie Rider, who can be heard on 5FM on weekdays from 22:00 to 01:00, as well as on Sasha's show weekdays from 09:00 to 12:00 as the newsreader, is driven by passion and is determined to make every second count.



Would you say that you're TechSmart or, well, TechStupid?

I'm a little bit of both actually, because technology is evolving so rapidly, it sometimes takes me a while to get familiar with all the new items. I'm not too bad actually, I work at 5FM with some of the world's most advanced radio studio equipment, and it's really given me the confidence to take on new technologies without fear.

What up coming projects do you have to look forward to in 2009?

I'm working on two TV show ideas that are pretty awesome and I currently host a radio show on the SAA international radio channel. I'm trying to get going on my bicycle that was my bday gift from last year, but because I fell off a stationary bike, balance is my big issue. I'm also working on an exciting project to present for the Gautrain. So I'm a bit of a busy bunny this year!

Sushi! Is there more to the nickname than the fact that it's derived from your own name?

You know I owe Ian F and Sasha Martinengo for that name. It just became a cool derivative from my full name. I also ate sushi for the first time on air, after Koula dared me to. I guess I might be like those cool fashion sandwiches, I'm calm and complex with a lot of colour in my life.

What was the last big tech purchase you made?

I think the Apple Macbook and the iTouch. Other than that the Xbox 360 Elite.

Considering it is 2009, is a Valentine's e-card good enough to earn a guy some brownie points? Or is the cardboard equivalent still worth more in your opinion?

I'm a bit old fashioned and I do like the cards, but I know it gets thrown away. I'm huge into scrapbooking so I'd rather go for an awesome photo card. You know there are so many more creative tech savvy ways of impressing a guy. With the brilliant Adobe Photoshop, you could really compile a serious hot photo album, or even better, make a music video of your favourite memories to impress him. [Also check out our Web Time Wasters on how to make a photo video clip -ED].

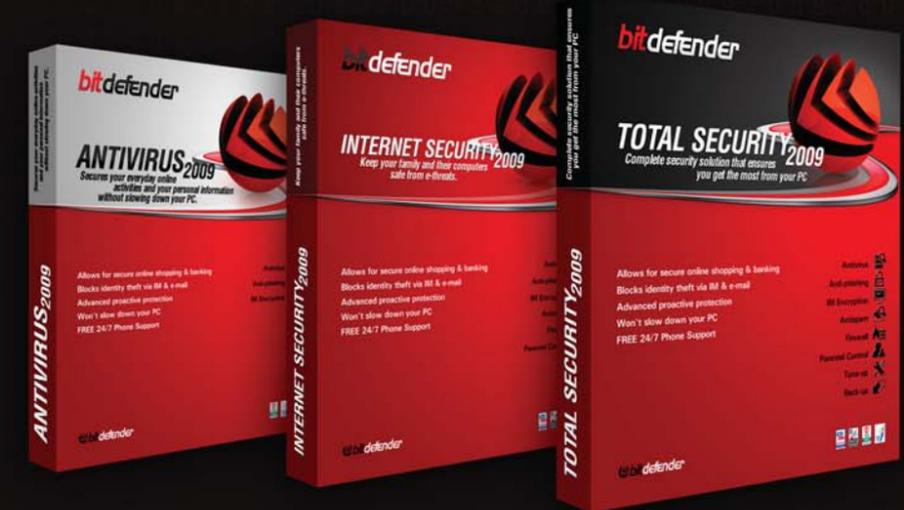
How is 2009 going to be a better year than 2008 for you?

I know this is my year. I did some aura cleansing before I kicked off the new year. I've written down my goal and intention sheet, and I feel so energised in making it happen. I feel more positive and more driven, and I plan to make it 2000 and Mine :)

For the full interview with Sushi go to www.techsmart.co.za.

www.techsmart.co.za

bitdefender 2009
the wait is over ...



Provides comprehensive proactive protection against all Internet security threats, along with system maintenance and backup, without slowing down your PCs

KEY BENEFITS

- State of the Art Protection
- Superior Performance
- Hourly Updates
- Game Mode
- New!** Laptop Mode



www.bitdefender.co.za
011.789.6181

Over 250 000 seats sold in South Africa

Share the **power** of a single PC with many users AND this is what you'll SAVE:

Save 50% on computers

PC device costs less than half the price of a PC

Save 70% on maintenance

No moving parts that can break down

Save 90% on electricity

Uses 1 watt of power



NComputing®



X550

New!

What satisfied customers are saying:

"We did an IT survey and obtained numerous quotes, NComputing came out on TOP" **Financial Director**

"My IT hassles are a thing of the past, with NComputing I only load my software ONCE, security is not compromised, less risk of theft, less heat & noise, reduced infrastructure costs. The benefits are limitless ..." **IT Manager**

"Electricity savings alone paid for my NComputing devices in less than 3 years" **Finance Manager**

JOIN OUR 250 000 HAPPY CUSTOMERS

CALL: 011 465-7952 or contact us on info@ncs.co.za
For more information go to www.ncs.co.za



Ideal for: Business, Public Access and Education

Tech News Special: CES

The annual Consumer Electronics Show (CES), held by the Consumer Electronics Association (CEA) gives manufacturers of the tech stuff we so crave a chance to show off their wares to the public for the very first time.

This massive event sees manufacturers, developers, and suppliers of consumer technology hardware, content technology delivery systems and related products and services from over 140 countries converge on the gambling capital of the world, Vegas. TechSmart brings you the best of the show.



Show Stealer

Palm always seems to get ahead of the technology curve only to end up lagging so far behind that they either end up almost going bust or start a product line from scratch. Well they chose the latter this time round, unveiling the Palm Pre. The Pre was the big surprise at CES this year. With everyone on the look out for an iPhone killer, it seems Palm, the most unlikely contender, has done it. It looks very similar to the iPhone and has (stolen) many of its features. But Palm is hardly a knock-off shop. They have given the Pre a slide-out QWERTY keyboard and a host of brilliant features that make even the most hardcore iPhone users quake in their boots.

Bright Ideas

Gesture Controlled TVs

The remote control has given relief to countless millions by avoiding the laborious task of having to get up to change the channel. But it seems that we have become so lazy that if the remote isn't literally an inch or two away, we don't bother to change the channel at all. Thankfully both Toshiba and Hitachi have shown prototype hand-gesture controlled TVs at CES this year. A small infrared camera watches the viewers hand movements and translates those into commands. So waving your hands could turn it on and a circular movement could change the channel.



Sony Cybershot G3

The new Sony Cybershot G3 is now Wi-Fi-enabled and features a web browser. The 10.1 megapixel camera with 4GB of onboard storage lets users, near a Wi-Fi connection, upload their videos and images straight to applications like Picassa, YouTube and Shutterfly. The G3 is available right now in the US for about \$500.



Sony Flexible OLED

A flexible colour OLED (organic light-emitting diode) screen for ultra-portable devices was shown by Sony. The ultra-thin, 2.5" screen is produced on a 0.2mm thin sheet of plastic and can be bent (gently). The prototype shown by Sony has a resolution of 160 x 120 pixels and only weighs 1.5g. But it's not likely to appear in products for at least the next few years.



www.techsmart.co.za

Just a silly love song

According to a study in a February issue of *Science*, love-struck mosquitoes (*Aedes aegypti*) have to hit the right notes if they, well, want to get lucky. Scientists placed the little suckers in a contained area, recorded their flight sounds as they flew past each other and then measured their physiological responses when they heard the mating calls of potential partners. By adjusting the resonance of their thoracic box they launch into a passionate single-pitch duet of around 1200Hz shortly before mating. This pitch is a perfect multiple of the two insects' wing-beat frequencies, tuned at about 400Hz and 600Hz for females and males respectively. The scientists hope to use this finding to develop a strategy for interfering with mosquitoes' mating cycle, and so help control population growth of the pesky little bugs. And you thought corny love songs were for the birds.



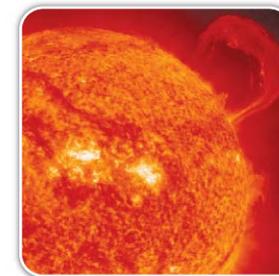
Helping hands

An extra pair of hands always comes in handy, especially when you're working with delicate stuff. Enter the "microgrippers". Scientists report in a recent issue of the *Journal of the American Chemical Society*, that they have developed tiny chemically powered delivery tools that can move things around on platforms as small as microchips. It looks almost like a six-fingered metallic hand, which, when open, is about as big as a grain of sand. A bit of acetic acid dropped on the gold-plated nickel "palm" causes the "fingers" to close, while adding some hydrogen peroxide lets them relax. In a demonstration the team manipulated the tools to pick up small glass beads and tubes, which were then moved elsewhere using a magnet. Since they don't need any external power source or wiring, the tools can be really handy for working in small, convoluted spaces. No excuse for having butterfingers in the lab anymore.



Big stars

Centuries after Galileo first looked up to the skies, the stars still baffle us. Now a group of astronomers say in *Science Express* that they may have the answer to a longstanding mystery. Scientists always thought that star mass is limited to about 20 times that of our own sun; yet bigger stars are often seen. Stars grow by attracting gas and dust around them. The bigger it grows the more light it produces, which in turn creates an outward radiation force. Beyond a critical mass, the outward force outweighs the inward attraction force, and so effectively blows away the star's building materials. Using a 3D computer model the researchers showed that a system of disks and channels exist around the star. This diverts the radiation force somewhat from the surrounding building materials to create a radiation shield. As the star rotates, unbalanced gravitational pull lets particles clump together, and eventually the clumps all stick to the star core. [LP]



www.techsmart.co.za

HP, Acer, Compaq, IBM, Dell, Fujitsu Siemens, Mecor, Sony, Asus, Toshiba, Packard Bell, LG, Lenovo, Proline, Gigabyte, Apple Mac, BenQ, Sahara, and many more....



Laptop Chargers

from **R340** excl vat



Laptop Batteries

from **R1050** excl vat



3 Fan Cooling Pad

R120 incl vat



2 Fan Cooling Pad

R90 incl vat



Notebook pack

R295 incl vat



4 Port USB Hub Mousepad

R70 incl vat

For all your notebook needs

Notebook Sales:
New | Pre-owned | Demo Models (New and used)

From **R2999** excl VAT

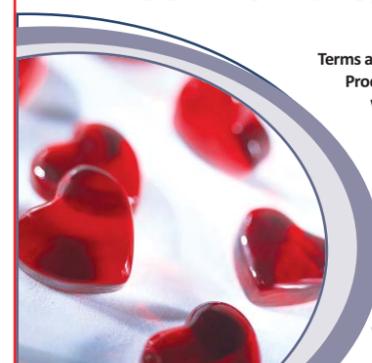
Peripheral Sales:
Chargers | New Batteries

Notebook Support:
Repairs | Upgrades

All repairs done in our workshop



Terms and Conditions apply. Stocks are limited. E&OE. Product may vary from picture. Prices may change without notice due to Rand Dollar fluctuations



www.locanet.co.za | sales@locanet.co.za
Office: 012-663-9190 | Fax: 086-641-6738

Specialists in Laptop Repairs

Gadgets for Guys

So many gadgets, so little time and money. In this, the month of love, we searched high and low to bring you some gadgets worthwhile to spend some quality time alone with.

Adapt Portable Emergency Chargers

Not satisfied with your phone's battery life? With Adapt's Portable Emergency Chargers your frantic search for either your charger or a power plug is finally over. Their ADP-1800 (R400) and ADP-3600 (R520) are meant to recharge cellphones while the bigger ADP-13200 (R1200) can recharge notebooks too. The ADP-3600 and ADP-1800 are charged via your notebook or PC. Fully charged the ADP-3600 can provide an iPhone with talk time of up to 16 hours and audio playback of up to 48 hours. They are perfect to leave in your car or notebook bag in case of emergency. Bye-bye bad battery life.

Get the Adapt range from PDAShop on 0861-627-911.



Canon PowerShot G10

If you don't want the hassle of carrying and caring for a dSLR but still want quality pictures, then lay your hands on Canon's PowerShot G10. It comes with a massive 14.7 megapixels, a 28mm wide-angle lens with 5x optical zoom lens and Image Stabilizer, and all the manual functionality you can pretend you'll use. It is also rugged so the occasional drop won't make you cry like a girl.

Get it for **R7604** from www.take2.co.za.



Oregon Sailing Watch

Whether you're a wannabe sports star or a real athlete, Oregon make a range of seriously good sports watches, pedometers and heart rate monitors. We really like the Outbreaker Sailing Watch. For starters you can show it to women and they will probably assume you have a yacht or at least a canoe. It features a digital compass, with a bearing tracking system, altitude calculator, barometric pressure gauge, weather forecast and temperature gauge. **R1849** from The G.A.D.G.E.T. Shop on 012-346-2726 or www.thegadgetshop.co.za.



Multi Measure Combo Pro

The SONIN measuring tool is the DIY guy's best friend, as the DIY guy no longer needs a best friend to hold the other end of the measuring tape for him. The SONIN calculates distance extremely accurately by using a type of Sonar. Essentially the SONIN sends out some very high frequency sound waves, which bounce off the wall and is received again by the device. The time taken to get back to the device is converted into the distance between the walls. The SONIN includes built-in calculator functions to help you record and calculate areas and volumes accurately.

R999 from The G.A.D.G.E.T. Shop on 012-346-2726.



HyMini Wind Charger

If you are a cyclist or runner who is very much into the Green thing and consistently find yourself with a dead phone, iPod or camera, then the HyMini was designed specifically for you. Uniross, the makers of all things rechargeable, have launched their HyMini wind charger, a lightweight handheld device which allows you to charge your cell phone, camera or MP3 player via wind power or its own internal lithium-ion polymer rechargeable battery, which can be charged via USB, a conventional plug or wind power.

R799 from Uniross on 011-312-0016, www.uniross.com.



www.techsmart.co.za

DOVINES
SIMPLIFY LIFE

BASIC MP3 PLAYER



Plays music only. Easy to operate. Peg type clip for attaching to clothes.

DMP101: **1G-R150, 2G-R180, 4G-R250**

MP3 PLAYER WITH TOUCH



DMP606: **8G-R980**

MP3 PLAYER WITH RADIO



Plays music and radio. Text LCD. Peg type clip for attaching to clothes.

DMP322: **2G-R215, 4G-R275**

- 3.0" TFT
- Plays MP3, WMA, WAV audio format
- Plays AVI, MP4, MPG, MPEG video format
- Integrated Li-Polymer rechargeable battery
- Eight kinds of EQ
- TV out connection
- Integrated FM and FM recording

MP4 PLAYER

- 2.8" TFT colour display Flat touch pad
- Integrated 1.3 megapixel camera
- Plays AVI, MP3, WMA, music
- Plays MTV video function
- Support game function
- Built-in external speaker
- Integrated mini SD card slot
- Built-in rechargeable Lithium-ion battery

DMP847: **4G-R700**

ADVANCED MP3 PLAYER



1.8" graphic LCD display. Plays photos, radio and MP3 music.

DMP826: **2G-R275, 4G-R355, 8G-R475**



WANT TO BE A RESELLER? Email sales@dovines.co.za

NAVGO GPS WITH DIGINAV SOFTWARE

- Navgo SY885 portable GPS navigator
- Car Mounting bracket
- Car charger
- USB cable
- User's manual in the SD card
- DIGINAV 2008 Southern Africa Maps

NAVGO GPS: **R 1895**



M800 WATCH

- Display Type: 1.3" TFT Touch Screen, 128 x 160p 260,000 pixels
- 128MB Built-in Memory
- Built-in speaker and microphone
- Touch Screen and Handwriting Recognition
- Internet: GPRS, WAP Supported.
- Message: SMS and MMS. Support SMS group sending
- Call Time: About 180 minutes
- Stand By: 150-300 hours

M800: **R2295**



TO PURCHASE, CONTACT FUSION IT ON: **087 808 2235**

179 Koedoe St, Wierda Park Mall, Shop no 4, Wierda Park E&O. This offer holds while stocks last. All prices Incl VAT.

CENTURION MICRO ELECTRONICS

Embedded PCS

Talk to us if you need a very small PC for a special application. Units from Thin Clients to CoreDuo PCs are available. Options are too numerous to mention here.



Panel PCS

Panel or free standing LCD display with touch and integrated PC. LCD sizes from 3.5" to 19" and PC up to Core2Duo. Rugged IP65 units for factory automation use and aesthetic units for office/banking/advertising use. Talk to us about your Panel PC needs.



Tel: **(012) 666-9066**

www.cme.co.za sales@cme.co.za



Specialists in building customised computers for home, business and gaming



- SALES
- UPGRADES
- REPAIRS
- COMPONENTS
- CONSUMABLES



KINGSTON 2GIG
FLASH DRIVE

R70

PC PRO SHOP
WE BUILD COMPUTERS

Menlyn Park Shopping Centre
Tel: 012 348 4000 • email: willem@pcproshop.co.za
Menlyn Retail Park Shopping Centre
Tel: 012 348 8212 • Fax: 086 650 9096

• UNDERSTANDING SERVICE •

Specials while stocks last, E & OE, only 1 per customer

Goodies for Girls

Gadgets have been for a long time now no longer the exclusive domain of men. A fact which websites like Shiny Shiny (shinyshiny.tv) can attest to. So what's a girl to get with her hard earned money? TechSmart investigates.

Personal Trainer: Cooking for Nintendo DS



Video games and cooking do not blend well. Unless you have a Nintendo DS and Personal Trainer: Cooking. With more than 245 recipes from over 40 countries you are sure to find something for even the most discerning palette, or your boyfriend. Pictures and videos will show all you need to know, plus there is no

need to get your sweet little DS grubby with your dirty hands – just say "turn page" and the DS does the rest. Nigella eat your heart out.

Get it for **R365.54** from www.have2have.co.za.

Wireless Internet from R49 per month*



Free assessment, signal testing and quote in the convenience of your home

* Terms & Conditions Apply

We also provide

- Networking solutions
- Webhosting from **R15 per month***

Contact Thinus on **071 375 6080** or visit our website for details

www.goingwireless.co.za

Alternatively email sales@goingwireless.co.za for more info.



Acer One Netbook

Notebooks – as if carrying a purse isn't enough. Well the slug is over thanks to petite netbooks, last year's big thing. Acer's latest netbook, the One, weighs in at a mere 1.26kg, and comes equipped with 512MB RAM, a good 120GB of hard disk space and Wi-Fi. The Acer's ace up its sleeve is its built-in 3G, so no need for a separate modem. The One comes in a range of colours, of which at least one will match your favourite lipstick. From **R6100** with upgrade options available. www.acer.co.za

VinTemp Wine Thermometer

Your favourite bottle of wine on Valentine's day might not taste like much if not served at the right temperature. Be cunning and invest in a VinTemp wine thermometer. All you have to do is place the VinTemp against the side of the bottle and press the button. Using infrared technology the VinTemp will calculate and display the exact temperature of the wine. The outside panel of the VinTemp will also give you the optimal serving temperature of the wine of your choice.

R369 from The G.A.D.G.E.T. Shop on 012-346-2726 or www.thegadgetshop.co.za.



T3 SecurityKey

Some information is not for sharing. To keep your data private you need the T3 SecurityKey. This small little dongle plugs into any USB port and allows you to create a data vault – much like a folder, in which confidential data is encrypted and kept secure. Get the T3 for **R649** (includes 12 months' global theft insurance) from Holton & Associates on 011-789-6181.



Amazon Kindle

Paperbacks, who really needs them? Especially if you have R6658 lying around to buy the Amazon Kindle. The Kindle takes paperless to the next level by storing all your Amazon bought ebooks onboard and having them ready to read before you can say "Bill Bryson". The LCD screen displays the text just like a real book would, except of course for the odd dog ear. Great to read in bed, but we wouldn't necessarily take it to the beach. **R6658** from www.wantitall.co.za.



Omron HJ-151 Hip Pedometer for Aerobic Activity

If you're serious about your aerobics the Omron HJ-151 should be your weapon of choice. Slip this pedometer on your hip and let it count your steps, during the day and at the gym. It displays your regular steps and steps taken at a moderate pace separately, plus it also shows the amount of calories burned and calculates the distance travelled. It also helps with making dinner and washing up. Not! Get it for **R440** from www.wantitall.co.za.



www.thegadgetshop.co.za

VALENTINE'S SPECIALS

Neocube

The NeoCube is an entertainment device like no other in the world. It is composed of 216 individual high-energy rare-earth magnets. This allows you to create and recreate an outrageous number of shapes and patterns.



2,8cm x 2,8cm x 2,8cm
R499

Duel Pepper pistol



Forget pepper spray use a Pepper Pistol to ensure your security. Simple and reliable, this is the ultimate pepper protection effective up to 40m.

R1599

Kestrel Wind Meters

The Kestrel 4000 Pocket Weather Meter is the first in the next generation of Kestrel Meters. It has all the wind and weather monitoring functions available with the Kestrel 3500 Wind Meter, plus the distinct advantage of data storage, graphing functions, and computer interface technology.



- Kestrel 1000 **R1049**
- Kestrel 3000 **R1849**
- Kestrel 4000 **R3899**
- Kestrel 4100 **R2999**
- Kestrel 4500 **R4549**

Pleo Dinosaur

Pleo, a one week-old baby Camarasaurus dinosaur, is a robotic marvel and the newest member of your family! Pleo interacts with you - moving organically, expressing emotion, autonomously exploring and responding to the world around him. Pleo can hear, see, sense touch, and detect objects.

R3999

VinTek Wine Thermometer



Never again lose the flavour or bouquet of your wine by serving it at the wrong temperature! Using advanced infrared technology, VinTemp tells you the precise temperature of the wine inside the bottle, without popping the cork.

R369

Keyfinder

Tired of losing your keys, those pesky remote controls, or your wallet? Why not save time looking for lost things, and lose the stress instead?

- Keyfinder set **R269**
- Keyfinder - Wallet **R169**



Golf Stroke Saver



Keep score on your key ring with the amazing Strokesaver. This innovative foursome stroke counter comes in an elegant aluminium gift box.

R199

Digital Night Vision Ranger



With one of the most powerful infrared illuminators ever released onto the commercial market, the Ranger is able to hook up to a television or monitor for an incredible observation experience.

R5999

CamBall DVR Camera

Inside this golf ball size ball is a motion activated camera and DVR. It captures images at 30 FPS with a resolution of 320x240 and can be used in various applications such as vehicle security, ports, personal security or anything the user can dream up.

R3149



Tel: (012) 346 2726
Email: info@thegadgetshop.co.za

Prices may change without notice due to Rand Dollar fluctuations

www.thegadgetshop.co.za





SA's best known independent WIRELESS INTERNET Service Provider

We are the one stop WIRELESS INTERNET CONNECTION Company with all inclusive packages, converting dial-up users to Wireless Internet

HSDPA, 3G, EDGE and even GPRS modems available to suit your pocket

Why GOGGA Connect:

- No more land lines needed to surf the Net
- Only pay for the data used and NOT the time online
- SAVE more than 20 times your normal dial-up costs

GOGGA Connect Benefits:

- We specialise in packets smaller than 500MB - with very competitive prices
- National coverage (if you have a VODACOM signal, you can surf)
- GREAT monthly specials
- NO Hidden costs

AFFORDABLE WEBHOSTING

- Graphic Design Support
- Content Services
- DIY Online Administration
- Unlimited Mail

Call Center Tel: 08600 GOGGA (46442)
Email: sales@goggaconnect.co.za
Website: www.goggaconnect.co.za
Terms & Conditions apply

LG product insight: Success at CES 2009

The annual Consumer Electronics Show held in Las Vegas, USA is arguably the premiere electronics show on the planet. We were understandably rather disappointed when we were unable to attend this year. Worry not however; we were still able to get the scoop on some of 2009's most exciting consumer technologies, albeit on the other side of the planet.

In January we were invited to join LG Electronics on their Middle East and Africa Marketing Conference held in Macau, China. Macau is fittingly described as the Vegas of the east and has its very own intoxicating strip, the Cotai Strip.

While enjoying the thrills and spills of the Cotai Strip we were most taken by the sights and sounds of LG's new 2009 product range. With an emphasis on "Advanced Technology, Beautifully Hidden" LG's range of new products seek to meet the needs of the discerning consumer. And considering that LG received no less than 14 CES 2009 Innovations Awards, including the coveted CES 2009 "Best of Innovations" honours in the wireless handset and home appliances categories; the scene was set for our very own petite-CES 2009.



High Definition Television

In the HDTV space LG look set to be ahead of the game over the coming year. Many of its new premium sets feature Full HD 1080p via Uncompressed Wireless Transmission from a media box, TruMotion 240Hz frequency, LED backlighting with Local Dimming and a 2000000:1 Dynamic Contrast Ratio.

The star of the show was most certainly LG's LH95 which is also incidentally the world's thinnest LED LCD TV at 24.8mm. Any one of these product innovations



www.techsmart.co.za

could be considered a major consumer draw card; all four in concert spell a serious technological advantage.

We can expect to see many of these new sets as early as May this year.

Smartphones

In the mobile space LG look set to raise the ante with the quality of their handsets over the next year. LG handsets have historically been criticised for poor build quality and/or a lack of functionality.

The LG Dare seeks to set the record straight with its 3" touch screen, impressive new concept User Interface with full drag-and-drop functionality, 3.2 megapixel camera and HTML Web browsing features. In fact, the Dare was honoured with the CES 2009 Best of Innovations Award for cellular phones.

LG also have a few Android phones (Adam and Eve), the world's first Windows Mobile 7 handset and the LG Monaco with a built-in Pico projector on the cards for release later this year.



Network Attached Storage

Another of LG's impressive products due to be released in 2009, is NAS or Network Attached Storage. Although network attached storage is not a new concept, LG's NAS is the first to be released with a Blu-ray Rewriter. This will allow users to back up large amounts of data to Blu-ray discs. The device also has the option to mount up to four hard drives, each with a maximum capacity of 1TB.

While fears, and the realities, of a global recession confront us all it is promising that companies such as LG are still investing heavily in R&D. Their new range of products certainly suggest as much, with some remarkable new consumer technologies and innovations coming from their labs. Other products to keep in mind are their soon to be released Venus home theatre system following on from the successes of the Champagne range, as well as their new high end notebooks including the LG P510 which will be released with an Intel Core 2 Duo T9800 processor.



www.techsmart.co.za

Get the BEST from your drivers and vehicles...



Install an Active Vision AV-580 GPS fleet management and tracking system from only R995 (excl VAT) with affordable monthly service fees.

- Eliminate driver dishonesty and vehicle misuse
- Get these measurable benefits immediately:

Only R995 excl. VAT

- Increased fleet efficiency
- Reduced transport costs
- Increased customer service
- Enhanced vehicle and load security
- Easy to use, fully guaranteed

The AV-580 system uses the latest GPS and GPRS technology to provide you with an efficient and cost effective solution that runs on any Windows based computer system. Our superior software and mapping system lets you establish full control over all aspects of your transport system.

- Track one or multiple vehicles simultaneously in real time on detailed maps and via Google Earth
- You can set up your own customised reports and maps to provide the detailed information you require to effectively manage your entire transport function

www.activ.co.za

Active Vision Tel: 011-450-3361 info@activ.co.za



COMPUTER CORPORATION

MICROSOFT OFFICE HOME STUDENT TEACHER EDITION



R935

INTEL ENTERTAINER LITE
 •Intel Celeron 1.5GHz •512MB Memory •80GB Hard Drive •Combo Drive •Keyboard, mouse and speakers •1 Year carry in warranty •SVGA Monitor Optional •No Operating System



R2299
 Terms R122pm x 36



R1499
 Terms R88pm x 36



19" WIDESCREEN LCD
 •1000:1 •1440 x 900 @60hz
 •With Speakers •Fast 5ms •300cd/m2



The company where the answer is always **YES**



Inkjet EPSON C91

R299

•Print speed b/w: 25 ppm •Print speed colour: 13 ppm •Borderless printing •Max. print res colour: 5760 x 1440 dpi



FUJITSU SIEMENS Esprimo V5535
 Computer Corporation Recommends Genuine Microsoft Windows Vista Home Basic

R4899
 Terms R222pm x 36

•Intel Celeron M 540 1.8GHz •1GB DDR RAM •80GB Hard Disk Drive •Super Multi DVD Writer •15.4" Widescreen •802.11 Wireless LAN •56K Modem •Windows Vista Home Basic •1 Year Collect, Repair Return Warranty •Office 2007 Ready



FUJITSU SIEMENS Esprimo V5505
 Computer Corporation Recommends Genuine Microsoft Windows Vista Home Basic

R5599
 Terms R222pm x 36

•Intel Celeron 2.2GHz •1GB DDR RAM •120GB Hard Disk Drive •Super Multi DVD Writer •15.4" Widescreen •802.11 Wireless LAN •56K Modem •Windows Vista Home Basic •Webcam •Bluetooth •1 Year Collect, Repair, Return Warranty •Office 2007 Ready



hp HP 550
 Computer Corporation Recommends Genuine Microsoft Windows Vista Home Basic

R5999
 Terms R222pm x 36

•Intel Celeron P550 2.0GHz •1GB DDR2 PC667 Memory •160GB Hard Drive •DVD-RW Super Multi Drive •15.4" WXG •Embedded Wireless 802.11B/G •Built-in Speakers •56 K Modem •Vista Home Basic •1 Year Carry-in Warranty



EVERKI COAST LIGHT DAY PACK

R289

•Ample room yet compact and light •Cushioned computer nest and document store, front accessory compartment, side pen & key pockets, plus a media player cache



Microsoft WIRELESS OPTICAL DESKTOP 700

R349

•Wireless Keyboard -Less desktop clutter •Media Keys •Plug in the receiver and start typing •Scroll Wheel •Comfortable design created for either hand •Optical sensor delivers accuracy and control.



LOGITECH V100 OPTICAL LASER MOUSE

R249

•Side-to-side scrolling •Contoured shape for improved comfort •Plug and play •PC and Mac compatible •Instantly zoom in or out



acer 15" LCD WIDESCREEN

R999

•Max Resolution 1280 x 720 •Response Time 8 ms •Image Brightness 250 cd/m2 •Contrast Ratio 600:1 •3 Year, Collect, Repair, Return Warranty



brother 505SB-B

R299

•8 sheet capacity per passrn •Shreds 50 sheets per dayrn •220mm throat widthrn •5.8mm strip cut shred sizersn •Security level DIN 2rn •Dimensions - 21 x 31.5 x 39 cm rn •Weight 4 Kg



Labtec WEBCAM PRO

R129

•Video Capture 640 x 480 •Still Image 1280 x 960 •Audio Support Yes : built-in microphone



TP-LINK TL-WN651G
 Tp - Link 108m wireless pci network card

R249

•IEEE 802.11g Wireless PCI Adapter •Super G, up to 108Mbps and fully compatible with 802.11b •Extended Range, up to 9 times than the range of normal wireless products.



TP-LINK TL-WN620G
 Tp - Link 108m wireless usb network card

R289

•IEEE 802.11g Wireless USB Adapter •Super G, up to 108Mbps and fully compatible with 802.11b •Extended Range, up to 9 times than the range of normal wireless products

FLASH DRIVES
 2GB **69**
 4GB **125**
 8GB **239**
 16GB **449**
 No Deposit VAT Inclusive



All-in-1 print-copy scan-fax LEXMARK X5495

R999

•Optional 6-Color Photo Printing •Maximum Print Speed Black: Up to 25 ppm, Color: Up to 18 ppm •Res Up to 1200 x 1200 dpi •Scan Res Enhanced Up to 19200 dpi



All-in-1 print-copy scan-fax SAMSUNG SF-375TP BUSINESS FAX

R1199
 Terms R75pm x 36

•Max Copying Speed Up to 3 ppm •Res Up to 600 x 300 dpi •Max Fax Transmission Speed 14.4 Kbps •Document Feeder •Capacity 15 sheets •Media Capacity 50 sheets •Output Trays Capacity 50 sheets •Hi-Speed USB Office Machine



SIEMENS Modern Comfort GIGASET C470

R1099
 Terms R70pm x 36

•Illuminated color display and keypad •Convenient handsfree talking with brilliant sound quality •Phonebook for up to 150 names and numbers •ECO DECT - for 60% less energy use! and variable reduction of transmitting power

Who are you spending your quality time with?

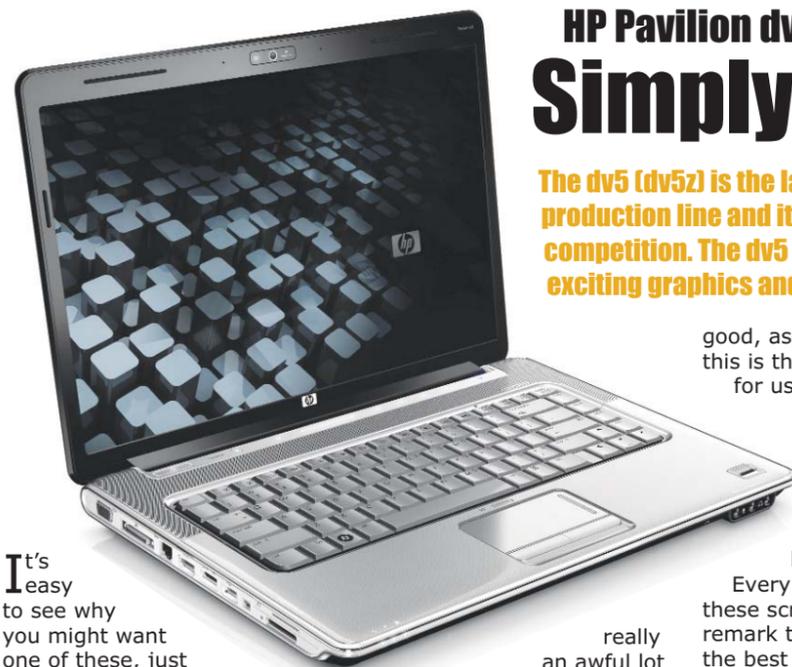
BELA-BELA	TEL: [014] 736 4250	KLERKSDORP	TEL: [018] 462 9102	RICHARD BAY	TEL: [035] 789 3589
BETLEHEM	TEL: [058] 303 6723	LENASIA	TEL: [011] 852 4634	ROOIHUISKRAAL	TEL: [012] 656 0223
BLOEMFONTEIN	TEL: [051] 448 5296	MAFIKENG	TEL: [018] 381 5090	RUSTENBURG	TEL: [014] 592 7407
BRAKPAN	TEL: [011] 915 6616	MAYVILLE	TEL: [012] 335 9097	SAN RIDGE	TEL: [011] 318 0253
BRITS	TEL: [012] 252 4212	MIDRAND	TEL: [011] 805 0967	SECUNDA	TEL: [017] 634 1210
BROOKLYN	TEL: [012] 346 6720	MOKOPANE	TEL: [015] 491 3436	SILVERTON	TEL: [012] 803 6100
CAPE TOWN	TEL: [021] 511 4147	MONTANA	TEL: [012] 548 0422	SOMERSET WEST	TEL: [021] 851 0918
CENTURION	TEL: [012] 644 1674	NELSPRUIT	TEL: [013] 745 7127	WILLOWS	TEL: [012] 807 7235
FAERIE GLEN	TEL: [012] 991 8013	NYLSTROOM	TEL: [014] 717 4250	WITBANK	TEL: [013] 656 5363
GEORGE	TEL: [044] 884 1477	PORT ELIZABETH	TEL: [041] 368 3950	WONDERPARK	TEL: [012] 549 0210
HARTIES	TEL: [012] 253 1508	PRETORIA SALU	TEL: [012] 320 8939	ZAMBEZI EAST	TEL: [012] 379 8700
HILLCREST	TEL: [031] 765 4050	PRETORIA CBD	TEL: [012] 328 6798	ZEEURST	TEL: [018] 642 1200

www.computercorporation.co.za HEAD OFFICE 08616 08616



ALL PRICES INCLUDE VAT - OFFERS VALID WHILE STOCK LASTS - E & DE - ACTUAL PRODUCT MAY VARY FROM ILLUSTRATION USED. *TERMS & CONDITIONS APPLY





HP Pavilion dv5-1030ei Entertainment Notebook Simply Screenalicious

The dv5 (dv5z) is the latest 15" notebook to come out of the HP production line and it is right up there getting stuck in with the competition. The dv5 features an AMD dual-core processor, some very exciting graphics and a plethora of reasons to make you want one.

good, as well it should be, this is the type of notebook for users with a lot of computing (or gaming) to do. It seems that notebook screens are set to keep getting better and better.

Every time we see one of these screens we have to remark that: "This is probably the best screen they've come out with so far." The 15.4" diagonal WSXGA+ high-definition HP BrightView widescreen display (1680 x 1050) is truly superb and a pleasure to work with, in all lighting conditions.

The dv5 also sports the

requisite amount of ports and inputs that you'd expect from a consumer notebook, with the addition of some you probably won't find on your run-of-the-mill notebook. There are: 3 USB 2.0 ports, 1 eSATA port/USB port ExpressCard/54 slot, 1 HDMI 1.3 connector, 5-in-1 multi-card reader, microphone in, 2 headphone/audio out ports, 1 Expansion Port 3 Docking Station Connector, 1 LAN port and 1 VGA out. Get it for **R10 785** (incl VAT) from www.hpshop.co.za.

HP offers a range of AMD and Intel processors with the dv5 models. Intel models are available from Computer Corporation on 08616-08616.

It's easy to see why you might want one of these, just by having a glimpse at the specs. Ours (the 1030ei) has an AMD 1.9GHz Athlon X2 Dual-Core Processor, 2GB RAM, ATI Mobility Radeon HD 3450 Graphics and 120GB SATA hard disk. So there is not

really an awful lot to sneeze at here. On the design side of things HP has gone for a very much improved silver finish and an almost black lacquer-like feel to the lid. The chassis build-quality is very

New!!! XDSL has developed a state of the art VPN firewall

**Business owners: Tired of sluggish speeds on fast internet connections?
Tired of having no control?**

XDSL's firewall features

the same technology that corporate businesses and ISPs use in their core network. This technology is now also available for small/medium businesses at a **fraction of the cost.**

Phone us to find out more.

What does that mean for you as a customer?

- more uptime
- better speed
- more productive working hours for your staff
- better reliability

Do you need technical staff?

No, this is a complete outsourced solution by professionals.

If you have technical staff do they get all the tools to monitor their network?

Yes we give them all the tools to monitor and make business decisions.

Terms & Conditions apply

Suited for ADSL, diginet and most internet connections.

call us now
086 100 9375
www.xdsl.co.za
info@xdsl.co.za

WIRELESS ALERT

KEEPING YOU SAFE AT HOME

INTRUDERS ON YOUR PROPERTY CAN BE FATAL

VOICE ALERT Keeps you safe when you're HOME

TEXT ALERT Keeps you informed when you're OUT



Fences, dogs, beams... They're all EXCELLENT security methods - yet the fact remains: The vast MAJORITY of crime VICTIMS have these. Clearly, a re-think of your PERSONAL SAFETY is needed.

WirelessAlerts specialises in EASY-TO-INSTALL / PLUG-n-PLAY, simple to operate & hassle-free-to-live-with, security products that keep pace with South Africa's rapidly CHANGING crime environment.

Thousands of South Africans already rely on the WirelessAlerts range of products for their safety!



VOICE ALERT

- VoiceAlert early warning technology engineered to audibly warn you of intruders the moment they trespass.
- Monitors unlimited number of sensors for up to 6 zones - in - or .outdoors.



TEXT ALERT

- TextAlert 24 different zone- specific Sms can be auto-sent to 16 cells the moment anyone trespasses. 8 (of the 24) zones can be assigned to remote for panic alerts or easy on/off zones. 24-channels/ 8 remotes, multi-day battery, 16 recipients.

HOW IT WORKS



Call your nearest agent for a demo at your premises: 0861 WIRELESS (0861 947 353)

Cape Town: 021 438 8324 • Pretoria: 012 991 2575 / 082 579 2024

WWW.WIRELESSALERTS.CO.ZA

Apple MacBook Pro When Hype is Right

Towards the end of last year Apple said that they were about to launch a brand new MacBook Pro, featuring an all-new unibody aluminium construction and tapered sides, similar to those of the MacBook Air. We here at the TechSmart office can, however, smell the hype a mile away, so our skeptic-radar went on full alert.

But when the fabled 15" version of the MacBook Pro finally arrived, we could do nothing other than say: "Sorry that we ever doubted you, Apple". People raved about the old one and we just expected a few incremental improvements, but the Apple design team have done a sweeping number of brilliant improvements on the Pro.

The entire housing is machined from a solid billet of aluminium, allowing for a stiffer, more durable construction. The new design is also very good looking, probably the best looking notebook we have seen to

date (we admit, begrudgingly). A small point on the construction that is actually rather annoying; the edges where your wrists rest when typing are all sharp corners so after typing for a while your arms start to feel like they've been hit with a steel ruler a few too many times.

The Pro comes in two standard configurations, but we tested the 2.4GHz Intel Core 2 Duo version and the performance is excellent. And apparently performance will be even better when Apple eventually release their new



version of OS X, as the MacBook Pro hardware has actually been optimised to run with software that has yet to hit the market.

Probably the stand-out feature of the new Pro is the glass trackpad, which makes doing even basic scrolling, paging and zooming tasks a real pleasure. The trackpad uses the same type of multi-touch gestures that you find on the iPhone. We thought this was probably

more a gimmick than anything else, but we were very wrong. Other manufacturers will definitely be scrambling to get something like this in their machines ASAP. The only question you do have to ask yourself is: "Do I really see myself spending at least **R24 000** on a notebook?" Well, do you?

If you do, call Computer Corporation on 08616-08616 for more info.

NComputing X550 Desktop Virtualisation Kit How to turn 1 into 6

For something so useful it sure has a complex name. So what exactly does NComputing's X550 kit do? Well the most important thing is that the X550 kit can turn one PC into six (up to 11 if you use two PCI-cards). How? Well when you purchase the X550 kit you receive a five-port PCI-card and five XD2 access devices. The PCI-card goes into your existing PC. The PC must consist of at least a 2.4GHz processor and 1024MB of RAM. This is important because this PC will provide all the processing power (and storage) to the other machines.

Once that is done you can connect the access devices to your main PC. Each access device in turn connects to a



PC screen, keyboard and mouse (all sold separately). All you still need to do before others can start working is to set-up each of the user accounts with the included vSpace software. And there you have it – one PC turned into six. The X550 Desktop Virtualisation Kit is perfect for small businesses, schools and Internet cafes, and it is also an energy saver with each access device running at 1 watt per user.

Get it for **R6828** (incl VAT) per set. Phone NC Solutions on 011-465-7952 for more info.

MAHALA MADNESS!!

2 YEAR WARRANTY AND FREE DELIVERY! WE WILL BEAT ANY WRITTEN QUOTE!!



Acer 17" 5MS LCD Display

R1069 excl



Acer eMachine
Intel 2GHz Processor > 1GB Memory
> 120GB HDD > DVD-RW > 15.5" LCD
> Lan, Modem > Vista Home Basic

R3999 excl



Acer 19" 10000:1 LCD Wide Display

R1299 excl



Kingston 16GB USB2.0 Flash Drive

R189 excl



Kingston 8GB USB2.0 Flash Drive

R189 excl



HP D550 Notebook
Intel Celeron 1.8GHz CPU > 1024MB DDR2
Memory > 120GB SATA Hard Drive
> 24x Dual-Layer DVD-Writer > 15.4" LCD Display
> Windows Vista > Wireless Lan
> 56k Modem > Ethernet LAN & Audio

R5799 excl



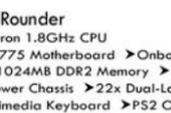
Potent Power Squared
Intel Core Duo 2.2GHz CPU > Intel LGA775
Motherboard > Onboard LAN, Audio & VGA
> 1024MB DDR2-800 Memory > 160GB SATA HDD
> 22x Dual-Layer DVD-Writer > 400W Tower Chassis
> 104 Multimedia Keyboard > PS2 Optical Mouse
> Free Antivirus & Anti-Spam Software

R2299 excl



Mr. Vista Friendly
Intel E7300 Core 2 Duo 2.6GHz CPU > Intel LGA775
1333MHz FSB Motherboard > Onboard LAN, Audio & VGA
> 2.0GB DDR2-800 Memory > 160GB SATA HDD
> 22x Dual-Layer DVD-Writer > 400W Tower Chassis
> PS2 104 Keyboard & Mouse > Free surge protector
> Free Antivirus & Anti-Spam Software

R2999 excl



Basic All-Rounder
Intel Celeron 1.8GHz CPU
Intel LGA775 Motherboard > Onboard LAN, Audio & VGA
> 1024MB DDR2 Memory > 160GB Hard Drive
> 400W Tower Chassis > 22x Dual-Layer DVD-Writer
> 104 Multimedia Keyboard > PS2 Optical Mouse

R1799 excl



www.phase2.co.za

Johannesburg: 011 444-5956 | 011 444-2347/8 | +27 11 262-0281 | 15 Dartfield Road, Kramerville, Sandton

directsales@phase2.co.za | Trading Hours (Mon-Fri) 8h00 - 17h00 (Sat) 8h30 - 13h00

Price V.A.T. Exclusive | Terms & Conditions Apply | E&OE | Product might differ from Images

Edimax 200Mbps Homeplug Ethernet Adapter LAN with a plan



If you've ever tried to set up a local area network for your home or office, you know it can be a lengthy process.

Laying the Ethernet cables is one thing, but trying to make them neat and tidy is quite another. And what happens if there is another device one month down the road that needs connecting?

Edimax's powerLine Ethernet adapters are the thinking man's LAN solution to all these problems. It works by utilising the existing electrical wiring in your home or office, thereby eliminating unsightly cabling.

For example, if you want to connect your Internet router to another computer situated on the top floor, both have to have an Edimax homeplug Ethernet adapter plugged into a power socket close to them and be connected to this adapter via the included Ethernet cables.

As simple as this, your device will show up on the network. Also included is software that will help you secure the network and check the data rate quality of each connection. **R2209** (incl VAT) for two Edimax homeplug Ethernet adapters, from Miro Distribution on 086-123-6476.

www.techsmart.co.za

Tying your shoelaces is harder!

Turn your existing powerlines into your broadband connection today!

Need to link two or more computers together?

Create a complete IP network over your existing power lines. No more drilling holes in the wall, no more glue guns and **no extra costs!**



The Edimax homeplug, plugs directly into any power socket and provides you with a network port to link straight into your computer.

Perfect speeds for Media streaming, Gaming, or standard Home/Office networking needs.

Get a glimpse of what the future of networking holds, today!

Available from Miro Distribution



086 123 MIRO www.miro.co.za



WIRELESS VOIP NETWORKING VIDEO
POWERFUL | NETWORKING | SOLUTIONS

Thermaltake DH 101 Home Theatre PC Simplifying your life

Thermaltake's DH 101 iHome Theatre PC combines many or all components of a home theatre setup into one box. It is basically a mix between a PC, a digital video recorder and a digital media player. So it's designed to make your life a whole lot easier and your lounge a lot less cluttered.



The DH 101 that we tested came with Windows Vista Ultimate, although Vista Premium and Linux systems are also available. Inside you'll find a 2GHz Intel Pentium Dual Core CPU E2180, 1GB RAM and a 250GB hard drive (which is plenty of space to store all of your pictures, movies and songs). It is HD compatible and comes standard with an HDMI connection. Add to this pretty simple operation seeing that it's really just like using a normal PC. The only really time consuming part is setting up all the wires.

Onboard you'll find a CD/DVD RW drive, so not only can you watch CDs and DVDs (rendering your current DVD player unnecessary), but you can also burn both DVDs and CDs. You can also plug your 5.1 surround sound system directly into the DH 101. The fact that it can also record your favourite TV programs is one of the major benefits of the system. All you have to do is set the channel, date and time the recording should take place. It also has two USB ports into which you can plug your removable storage devices.

The DH 101 comes with the option of iMEDIAN software. iMEDIAN is a media centre which manages all multimedia files and devices in your PC. With iMEDIAN you can use an iMON VFD remote control (included with DH 101) which will allow you to manage all the controls and settings from your couch. Alternatively you can use the HyperMedia Centre or the Windows Media Centre software to organise all your multimedia files. Unfortunately with these programmes, you won't be able to use the remote for this.

Not only is the DH 101 ultra functional, it's also very stylish and will add a real touch of class to any lounge. It has piano mirror coating with an aluminium front panel design.

The very useful Media LAB LCD display rounds it off incredibly well.

Could home entertainment get any easier? We don't think so and that's why the Thermaltake DH 101 comes highly recommended.

You can contact Maraboe Information Technology Services on 083-709-9913/ 086-632-6303 or alternately you can send an email to jean@maraboeit.co.za to find out more about their range of Media PCs.

www.techsmart.co.za

Home Theatre at your fingertips

What is an HTPC:

A Home Theatre PC (HTPC) or media PC is a convergence device that combines the functions of a personal computer and a digital video recorder. It is connected to a television or a television-sized computer display and is often used as a digital photo, music, video player, receiver and digital video recorder.

Available functionality:

- Watch TV
- Pause live TV
- The HTPC can be fully integrated with your current DSTV decoder
- The HTPC can be connected to any existing home theatre receiver
- Listen to your favourite FM radio stations
- Time slip function with Windows Media Center
- Record directly to your hard drive or DVD
- Listen to you favourite music in 5.1 surround sound
- Watch DivX movies in 5.1 surround sound
- Watch DVD in 5.1 surround sound
- Browse the Internet and check your email
- All in the comfort of your living room using only one device



Phone: 083-709-9913 / 086-727-7899 • Fax: 086-632-6303 • Email: jean@maraboeit.co.za

www.maraboeit.co.za

Quality demo and refurbished laptops, computers, components, peripherals at a fraction of the cost.

DELL CENTRINO
LAPTOPS WITH WINDOWS
XP PRO LICENCE
INCLUDED from



R2995



DELL P4 COMPUTERS WITH
WINDOWS XP PRO
LICENCE INCLUDED from



R1695



Ideal for: all businesses and Training
Centres, Manufacturing, Internet Kiosks.
A wide selection of brands available

A VARIETY OF NEW LAPTOPS IS ALSO
AVAILABLE from as little as R4495
Specialists in laptop repairs

Johannesburg: No 24, 14th St, Marlboro North, Sandton

Tel: 011-444-8533 / 087-805-7413

Potchefstroom: No 20, Owens Ave

Tel: 018-294-4382 / 087-805-9740

Cell: 082-318-3419 Email: godfrey@microstar.co.za

Terms and conditions apply. All prices include VAT.

WWW.MICROSTAR.CO.ZA

MicroStar
ASSET RECOVERY MANAGEMENT

GTS 2minLAN and Video on Demand Living the digital way



What is the easiest way to fit your home or office with a fast and secure network? One that does not involve trying to lay meters of cable from one point to the next? Welcome to the world of GTS' 2minLAN. By utilising Power Line Communication (PLC), the 2minLAN transmits your data through your home or office's existing wiring via the power sockets.

It's not as complicated as you think. To better understand the workings a quick breakdown of how a typical set-up will look like is in order. With each 2minLAN

package purchased (R1990) you receive two Ethernet adapters. Say for example you want to connect the PC in your study to a printer situated in another room: What you need to do is plug one Ethernet adapter into the wall socket closest to your printer and connect it to the printer via the included Ethernet cable. The other adapter goes to the socket closest to your PC, also connecting it to your PC via Ethernet cable. And that is it. A LAN with no hassle or fuss. The same applies if you want to link VoIP phones, security cameras or a PC to a router.

For more information on 2minLAN, call GTS on 079-501-9074, or email 2minlan@goal.co.za.

Video on Demand

Part from the 2minLAN, GTS will also offer one of



the first video on demand (VOD) offerings to South Africans. VOD enables you to download the latest movies via the Internet directly to a media player device (which can be connected via a 2minLAN). The movies can then be watched on your TV at any time you want. Subscription to this service includes 200 movies which can be viewed at no additional charge - this catalogue is increased every month. It does not include connection to the Internet, but if you are connected to the Net via GTS' own networks, downloads are free. Otherwise you would have to pay for local broadband usage.

You can search for films via genre, title, actor or director, and once you've

made your choice the movie will start downloading. Download speed of course depends on the type of Internet connection you have, but on the GTS network you are looking at about 30 minutes per movie. Movies can either be rented or purchased outright, with rented movies only remaining in your media player for a set amount of time once you've pressed play.

If you are not on the GTS network yet and are interested in the future VOD offering, contact GTS at info@goal.co.za.

Sony Ericsson G705 Expect a lot for less

For a phone that is not a smartphone Sony Ericsson's (SE) G705 slider sure packs a lot of punch. Apart from the usual functionality it includes two features that you will not find in many mid-range phones - Wi-Fi and aGPS.

Unlike regular GPS units, aGPS makes use also of GPRS technology for a location fix. The *Wayfinder Navigator* software is great in assisting you with turn-by-turn navigation, but the downside is that you only receive a trial version onboard (€69 for 12 months or €8.99 for one month after that for South Africans). It feels a bit like extortion to pay to use the functionality of your phone.

We feel that manufacturers that offer onboard GPS or aGPS should provide free navigation software and local maps. Otherwise we would highly recommend buying a separate GPS unit.

SE managed to cram a lot of functionality into the G705 without it growing too complex. We believe that the G705 will set the standard to which all mid-range phones will aspire.



WIN A SET OF TWO GTS 2MINLAN DEVICES TO THE VALUE OF R1990

COURTESY OF



HOW TO ENTER

- Send your name, surname, suburb and age to competition@techsmart.co.za with "GTS" in the subject line or enter on www.techsmart.co.za

Competition runs from 1 - 28 February 2009



Create your own digital home or business

- No cabling needed - It works over your electricity!
- Super fast speed - 200Mbps!
- Plug in and out anywhere in your home!

IP HD TV ready!

Advanced features including IP traffic prioritisation and network segmentation



R1990 for a set of 2 devices, inclusive of VAT, postage and packaging

Contact us on 079 501 9074 or on 2minlan@goal.co.za

Over 10 Billion online Searches monthly. DO THEY FIND YOUR WEBSITE?

SABest will help to make your website stand out above the rest. Give us a call on **0860 SABEST (722378)** and we will arrange for a consultant to visit you and discuss how your website should be working for you.

Products

- Search Engine Optimization
- Search Engine Marketing
- Facebook Marketing



emarketing.sabest.co.za | info@sabest.co.za | 0860 SABEST(722378)



TRLB PR
New Luxury Properties
We sell homes, not just real estate.
All of our properties are carefully selected to ensure that they exhibit the highest standards. And when you find the perfect home, you'll be in good luck. Our personal, passionate service is available every step of the way - until you are happily unpacked.
Not all new homes are the same. Find out what is special about this one.
Leader in the market. The latest in design and technology. The best of old and new. Modern for ground breaking. Move in now!
Key Features:
• Hardwood floors
• Granite countertops
• Stainless steel appliances
• Walk-in closets
• Master suite with private balcony

MONEY BACK GUARANTEE
60 days

The professional desktop publishing solution

Ideal For

- Business Stationery
- Signs and Notices
- Newsletters, Ads and Logos
- Magazines, Brochures
- Publish straight to PDF
- and much more

www.holton.co.za
0 1 1 . 7 8 9 . 6 1 8 1

HOW TO: Make Your Very Own Backlit USB Keyboard



USB (Universal Serial Bus) is truly a marvellous thing. What makes the USB standard so clever is that it combines both the communication channel for a device as well as the power that it needs to run. So in effect any USB port is both a port (like a serial port or parallel port) and a power socket. That is why a USB mouse doesn't need batteries. It gets power directly from the port.

Knowing what I know about USB I decided to build my own backlit USB keyboard. Backlighting is great for low light conditions, and it looks hardcore too.

What you need:

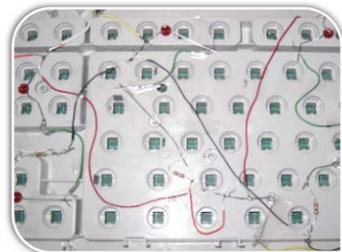
- A keyboard
- A USB cable or old USB device you can take the cable from
- LEDs (Get about 50 x 3mm ones if you can, rated at about 1.7 V)
- Some resistors (depending on the voltage of your LEDs)

Now I could just have bought a USB keyboard (which you could do), but I found an old PS/2 connector type keyboard and an old USB mug-warmer that would make the perfect USB experiment.

The first thing you need to do is to carefully strip out the USB cable from whatever device it came from. Make sure to note which wires in the main cable housing are for power and which are for data. Now strip down the keyboard. This usually means turning it upside down and removing about 12 screws. Now carefully remove the back panel from the keyboard, ensuring not to spill the contents all over the floor. You will probably find that your keyboard, like mine, has a rubber mat with little bubbles that the keys depress when you press them. These bubbles then press down on a sensitive printed circuit board that executes the commands you enter. Now carefully press out all the keys, so that you are left with just the shell of the keyboard.

The next thing to do is to carefully mark out where you are going to place all your LEDs. Plan your layout so that you can tape all the wires down neatly in between the key spaces (unlike mine, which is a mess of wires). Once you have decided the proper spacing, drill 3mm holes through the shell. Now glue your LEDs in place using super-glue. I made a configuration of two LEDs in parallel with a resistor inbetween each, in order to use the 5V source from the USB port. I soldered all the pairs together and then hooked them all up in series so that each pair would now use the same 5V source. I also had to hook up the communication wires from the old PS/2 connector to those of the USB connector.

I tested it out and it worked first time. I then concluded that it was a miracle as nothing like this has ever worked first time. All that was left was to carefully tape down all the wires from the LEDs and carefully put it all back together again. [AG]



www.techsmart.co.za

Beware the charge of the electric cars



It's a new year and it looks like the green wheels are ready to roll in 2009.

Coca-Cola recently announced that they will add 185 more hybrid delivery trucks to their current 140-odd strong hybrid fleet to deliver the "Brrrr" across North America this year. The trucks are equipped with a motor/generator and a set of lithium-ion batteries to power the vehicle when travelling up to 60km/h. This reportedly reduces fuel consumption and associated carbon emissions by up to 30%, compared to conventional trucks.

For those, especially in big European and American cities, who have switched to electric cars, parking and charging seems to be a bit of a problem. In a (money-making?) effort to ease the pain and promote easy switch-over, the national car park provider in the UK launched a campaign to auction 50 charging bays in London last month. The highest bidder will be awarded use of a charging



bay close to home or office for a year. We're not to sure if an extra 50 available parking bays will really get you to switch over, but it could just make your neighbours, uhm, green with envy in trend-crazy London. Every little bit helps.

If you thought electric cars all look like Postman Pat's with a top speed of just more than 30km/h, think again. Mercedes Benz unveiled its BlueZERO electric concept car at the Detroit Motor Show in January. It looks really spiffy and can put out an average 100kW and about 180Nm. You can choose between three green models: battery-powered, battery/internal combustion engine hybrid, or hydrogen fueled, with the hybrid option allowing up to 600 guilt-free kilometres. The company hopes to have some in production by 2010. [LP]



SUPERB Uniwell
086 100 5855

Superb Uniwell Systems
555 Mitchell Street
Pretoria West 0183
South Africa
Tel: 012 327 5855
Fax: 012 327 6275
sales@superb.co.za
www.superb.co.za

Partners: Uniwell, e-Pos, G, H.R.S., fidelity, olivetti, EICR SPARES, VERBODEN

- CASH REGISTERS - PC POINT OF SALE - SCANNING - TOUCH SCREEN - NETWORKING - SCALES - BAR CODING -

- CASH DRAWERS - SCANNERS - POLE DISPLAY - POS PRINTERS - RIBBONS - RENTALS - REPAIRS TO ALL MAKES OF CASH REGISTERS -

www.superb.co.za

IMPORTER & DISTRIBUTOR



PC Back Office
iirc (Max 31) Link to PC

Bar Code Printer

* Supermarkets * Bottle Stores
* Butchery * Convenient Stores * etc

DEDICATED TO POS
Focus specifically on the Hospitality, Retail & ...Catering
Global distribution and support network
Software development for PoS, Back Office & Head Office
Systems integration with option of embedded or PC based systems
Range of PoS terminals to suit various styles of operation & budgets

sales@superb.co.za info@superb.co.za



Ideal For

- Digital Dark Room
- Instant Red-eye Removal
- Restoring Damaged Photos
- Artistic Effects
- Removing Blemishes
- and much more

February Web Time Wasters

www.animoto.com

Animoto.com is a web application that creates MTV-style videos with the click of a button.

You just choose a song and a bunch of your own images. Animoto then automatically generates a unique video for them. No two videos are ever the same.

Many of the post-production techniques that the founders used while working as producers for MTV and Comedy Central, are used in Animoto's artificial intelligence engine. The result is a video, containing the visual energy of a music video and the emotional impact of a movie trailer.

This is the perfect way to compile your millions of Facebook photos into something people will actually watch.



www.internetshout.com

InternetShout is the world's first purpose built voice-based discussion and social forum.

No longer will Internet users need to communicate in text without expression and feeling. With InternetShout everyone can have an online discussion with others across the world. InternetShout allows discussions between an unlimited number of people, worldwide, on any subject, all with complete voice-based communication.

Just like a standard forum, you can create new threads (conversations) and post to existing conversations or "Shouts", but you can record your post directly on the website and listen to other Shouts / Posts instantly with CD-quality streaming audio.



www.gadgetblog.co.uk

Yes it's the 143rd best gadget website in the world, allegedly. Gadget Blog's creator says: "Gadget Blog is the result of me being addicted to weird and wonderful things since I was knee high to a grasshopper. Suffice to say, I was the kid you sat next to at school who desperately wanted his Sea Monkeys to ride bicycles and live in sea castles when they grew up."

Although it's unlikely you'll ever see sea monkeys riding bicycles on this guy's blog, you will see all the latest stuff gadget-wise, presented in a fun and irreverent fashion.



Create your own Personal Start Pages

Written by Lance Turner, a 12-year Internet industry veteran and Chief Executive of Branded Internet - listed as one of SA's Top 50 ICTe Companies 2005/6 + 2006/7.



What exactly are personal, or personalised start pages? Personalised start pages are a rapidly growing, and somewhat competitive web phenomenon. The advent of Web 2.0 brought with it a lot of promise in terms of web "interactiveness" (if that's even a real word), and personal start pages are now starting to lead this charge. So what are they really? For the most part they're homepages where you can put a lot of your most often used web information, gadgets and widgets all in one place. Things such as your email, news feeds you're interested in, your favourite radio station, notes, weather, Facebook info, the list goes on. The point being though that you have all of this stuff of yours gathered in one place, on one website, instead of spread across a dozen. The nice part is that being web-based you get the same experience of your information from any browser. The biggest difference between this and old-style portals (think Yahoo! or Hotmail from a while ago) is that you can personalise your start page to a much greater degree. You have many more options in terms of what you can put on your start page, it is far more interactive and it is almost certainly much more useful with the gadgets and widgets you can add in. On top of all of this functionality, superb quality Ajax development is making more of these sites very similar to a desktop-type experience.

In today's much cluttered online world, the need for a decent start page is undeniable. For me the ability to personalise and customise my own space saves me plenty of

time and hassle almost every day. These Ajax-based start pages, with their drag-and-drop interfaces, are very easy to use, intuitive, customisable web pages, allowing you to keep up with the latest news and add interactive content. With just a few clicks you can add new news feeds, mail inboxes and widgets, and then still drag your content around the page until you like how it looks. In some ways start pages are the successors to the old-style portals, but they have yet to break into the real mainstream. However the promotion of big players like iGoogle and the presence of MyYahoo are helping get the concept more popular. Let's check out some of the nicer ones out there. You might find one that really works for you:

- **Netvibes - www.netvibes.com**
Netvibes is a definite leader in this area. Usability has clearly been a big factor in its design and the interface is well thought out, and clean.
- **Pageflakes - www.pageflakes.com**
These guys also have a great site. Getting set up is really easy, with just three steps, and yet it is highly customisable.
- **Favor - www.favor.com**
This site is easily the visual pick of the bunch. I think the start page is beautifully designed. Its not so straightforward to setup, but once that's done, it's a great product.
- **Protopage - www.protopage.com**
The interface on this site is really neat. It's perhaps not as practical as some of the others, but the drag-and-drop interface and sticky notes (think Post-its) are great.
- **MyYahoo & iGoogle - http://my.yahoo.com, www.google.com/ig**
Yahoo and Google are the "big players" in this area. For both these sites the interfaces are pretty plain, both are super-simple to use, work well, and get the job done.

If you have any questions or queries drop me a mail, lance@brandedinternet.co.za.

Compliment your offering...

Become an ISP

Now your company can also offer Internet services for your clients, while we provide you with all the tools you need to be a successful Internet Service Provider

- We provide the products
- We take your support calls
- We bill your customers
- You own your customers

Find out how at
www.brandedinternet.co.za
or call us on 0861 branded



WEBPLUS X2

Website Maker



The all-in-one solution for quality web design

- Create professional sites
- Use e-commerce to sell online
- Optimize for search engines
- Host forums, blogs and polls
- Make secure pages and areas
- Upload and maintain sites

www.holton.co.za
0 1 1 . 7 8 9 . 6 1 8 1

Double Driver

Double for nothing

Every so often a problem is so vexing it becomes necessary to take extreme corrective action. Whether your PC is suffering from missing dll errors, rampant viruses or just a non-responsive disposition you will probably have to format it at some point in your relationship.

If you're anything like us you've probably "misplaced" the machine's motherboard CD, and are therefore in a bit of a jam.

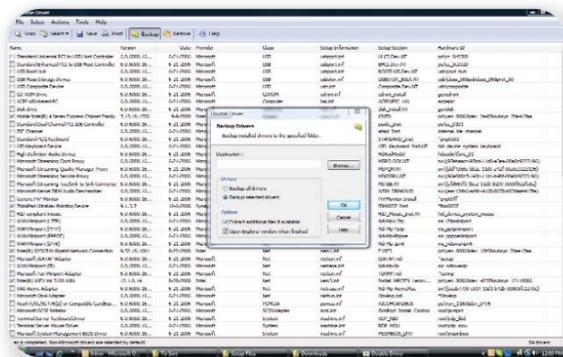
To solve this problem we turn to one of our readers, Raymond Robinson, and his more than useful list of "Must Have" freeware. One of the listed applications was *Double Driver*, a Windows utility, which allows you to identify all the drivers installed on your system and better still to backup, restore, save and print the details of those drivers.

The app also boasts an extremely user friendly interface allowing you to

organise your drivers by version, name, date, publisher etc.

Backing up your drivers is an incredibly simple process once they've been identified, you simply select the desired drivers and click the Backup button on the main toolbar and then select your desired destination and it's done. Restoring the drivers is as simple; making this one of the most useful apps we've come across.

Get it from www.boozet.org/dd.htm.



Microsoft Windows 7 Beta

Like Vista should have



The general opinion on Microsoft's Windows *Vista* operating system is that it's a bit like a vacuum cleaner, meaning it sucks. So what to do to get back some of that good old lovin'? Release a new version in record time. *Windows 7* has been available for public beta download since January, and feedback on it is very positive.

This new version seems to perform much faster than *Vista* and is also less hardware intensive. One of the main

talking points is the new taskbar. It is jazzed up thanks to nice big icons and contains both your already running applications, and programs that are available to launch. If you own a Mac you pretty much know what we're talking about here. Overall the feeling is that *Windows 7* is exactly what *Windows Vista* should have been.

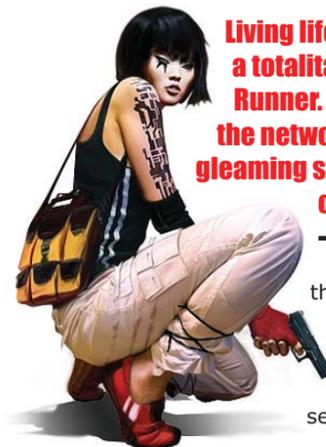
Windows 7 is available to download until 10 February. But if you think you're in for a free upgrade think again, your downloaded version will expire on 1 August 2009.

www.techsmart.co.za

Mirror's Edge

I can fly, oh sh...

Publisher & Developer: Ubisoft
Publisher: Electronic Arts
Distributor: EA Games www.ea.co.za



Living life on the fringes of a totalitarian society you, Faith, are a Runner. Delivering sensitive packages via the network of rooftops that define your gleaming sterile city, you are skilled in the art of displacement; Pakour.

The game's plot is fairly obvious as your cop sister has been framed for the murder of a high ranking official and you are the only one who can help her. Fight or flight? You use all your skill as a traceuse, to evade your pursuers and uncover the information that will set your sister free.

Mirror's Edge can most readily be described as an action platformer as you perform numerous jumps, grabs and slides in combination, often requiring trial-and-error patience, to overcome various urban obstacles. The game is however unique in the perspective it offers, as you play in first person. The PC version is superior to console versions

for two reasons; it is always easier to play a first person game with a mouse and the graphics are far superior provided you have PhysX support. The implementation of PhysX in *Mirror's Edge* is excellent with far more realistic character interaction with the surrounding environment. Effects such as Faith, shattering glass or causing a flag to flutter as she breezes past are superb.

The game's best features are its beat-your-record races and level speed runs, with both modes featuring online leaderboards, ensuring hours of intense competition. This is more than can be said for its extremely short campaign mode, offering perhaps six hours of play.

WIN 1 OF 3 MIRROR'S EDGE PC GAMES
COURTESY OF ELECTRONIC ARTS

HOW TO ENTER

- Send your name, surname, suburb and age to competition@techsmart.co.za with "edge" in the subject line or enter on www.techsmart.co.za

Competition runs from 1-28 February 2009

www.techsmart.co.za



SA's best known independent WIRELESS INTERNET Service Provider

YOUR ONE STOP, NON STOP WIRELESS INTERNET PROVIDER

HOME AND SCHOOL FEBRUARY NETSURF SPECIALS

Ideal for:

- "dial-up upgrade"
- small bundles that other ISP's cannot provide
- outlying areas
- buy online, quick & easy

Netsurf 150

First month subscription data flat rate. Thus in and out of bundle data price per MB will be the same for that months usage

R 119.00pm 150MB In Bundle Rate R 0.77
Out of Bundle Rate R 0.77
Usually R 1.75

Netsurf 250

First month subscription data flat rate. Thus in and out of bundle data price per MB will be the same for that months usage

R 159.00pm 250MB In Bundle Rate R 0.58
Out of Bundle Rate R 0.58
Usually R 1.55

Netsurf 350

First month subscription data flat rate. Thus in and out of bundle data price per MB will be the same for that months usage

R 184.00pm 350MB In Bundle Rate R 0.53
Out of Bundle Rate R 0.53
Usually R 1.55

AFFORDABLE WEBHOSTING

Call Center Tel: 08600 GOGGA (46442)
Email: sales@goggaconnect.co.za
Website: www.goggaconnect.co.za
Terms & Conditions apply • All prices include VAT

CONNECT YOUR WORLD



email video
internet
facebook
games
youtube
VOIP

Design by Smart Ideas www.smart-ideas.co.za

ADSL options

R59.67 per GB

ADSL 3GB	→	R179 per month
ADSL 5GB	→	R299 per month
ADSL 7GB	→	R419 per month
ADSL 10GB	→	R599 per month
ADSL 15GB	→	R899 per month

Don't have an ADSL line yet?
Don't worry, call us to find out how to order one.

Please note: Our prices listed here exclude line rental.

Hosting options

from
R15.00 pm



Powered by
PLESK
FOR WINDOWS

Linux Starter Hosting	→	R15 per month
Windows Starter Hosting	→	R45 per month
Linux Econo Hosting	→	R49 per month
Dedicated Server Hosting	→	R1536 per month



Powered by
PLESK
RELOADED

All Webonline's hosting packages include the following features:

- South African or US Servers
- FrontPage Server Extensions
- Spam Filtering
- Plesk Control Panel
- Telephonic and Email support
- Virus Scanning
- Data Backups
- And more

For full details visit www.webonline.biz or call us on 0861-666-555