



As an IT professional, you've probably learnt that it's not a good idea to tell people you meet at parties that you work with computers. In a similar way to doctors being asked their opinion of the medical symptoms of their fellow guests, so 'computer experts' run the risk of spending much of their social time as IT support – whether installing new software or fixing an utter mess that a non-techie has found themselves in. I spoke to someone the other day who, when turning their attention to a relative's PC, was prompted with

84 security updates, as automatic updates was not switched on and they had done nothing to protect it for some time!

Security is something that IT professionals are far more aware of – many of you, unfortunately, because you've found out the hard way and are now tuned into potential threats, and understand the need to keep systems patched and protected by making use of the regular updates developed to protect the software on your systems. On the positive side, the robustness of products is improving considerably – this comes from software being built from the bottom up to be more secure, and to have the 'attack surface' minimised by turning exposed features off by default.

Given the tenacity of the people who try to break through IT security, we should never get complacent, and here at TechNet Magazine we're continuing to focus on security and how to improve it. In this issue, Mark Russinovich continues his investigations into Windows Vista with a look at User Account Control (UAC). The goal of UAC is to enable users to run with standard user rights, which reduces risk and can solve many security issues. Jeremy Moskovich looks at how to manage hardware restrictions using Group Policy, and Matt Fontaine examines the improved security on offer in Windows Mobile 6.

We are also announcing a new series of TechNet events that are going around the country. These are very much demo, rather than PPT based – this month we will be looking at Windows Server® 2008 and management technologies. Check out more details and how to register on page 6.

We hope you enjoy this issue. As always, your feedback is very welcome so please send it to me at [gmitcham@microsoft.com](mailto:gmitcham@microsoft.com)

Kind regards,

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# Microsoft details Dynamic IT strategy

NEWS

Dynamic IT was the headline theme of this year's US Tech•Ed 2007. Bob Muglia, senior vice-president of the Server and Tools Business at Microsoft, gave details of Dynamic IT for the People-Ready Business. This builds on the Dynamic Systems Initiative.

The idea behind Dynamic IT is that it reduces the amount of time and money customers need to spend maintaining existing systems to free them to build integrated systems that will make IT a stronger partner

to the business side. Dynamic IT will focus on making IT systems unified and virtualised; process-led but model-driven; service-enabled and user-focused.

Dynamic IT will be one of the themes for the European Tech•Ed 2007 in Barcelona. Tech•Ed 2007 Developer runs from 5-9 November and Tech•Ed 2007 IT Forum runs from 12-16 November. Visit: [www.mseventseurope.com/teched/07/developers](http://www.mseventseurope.com/teched/07/developers) and: [www.mseventseurope.com/teched/07/itforum](http://www.mseventseurope.com/teched/07/itforum)

## Dynamics updates

Greater visibility to critical data, more flexibility in interacting with that information and faster responses to business challenges are the improvements on offer with the release of Microsoft Dynamics™ GP 10.0 and Microsoft Dynamics SL 7.0. The improvements come from increased business intelligence functionality, a more intuitive user interface and the introduction of structured and unstructured search, which allows a person to more easily track down important business information.

Dynamics GP (formerly Great Plains) provides a cost-effective solution for managing and integrating finances, e-commerce, supply chain, manufacturing, project accounting, field service, customer relationships and human resources. Microsoft Dynamics SL (formerly Business Solutions Solomon) is designed for small and mid-sized companies and helps to automate everyday processes and improve business operations.

Visit: [www.microsoft.com/dynamics/default.msp](http://www.microsoft.com/dynamics/default.msp)

## Making online identity stronger with metasystem

As the use of online identity information grows more prevalent, Microsoft has announced plans to foster improved interoperability for online identity management. An ecosystem to enable the exchange of personal identity information on the Internet so all parties may understand with whom they are working online has been a focus for Microsoft. The latest announcement ties together three core elements to make up the identity metasystem: the people who are presenting their identity, the Web site or on-line service requesting proof of identity, and

the identity providers who assert some information about those people. Microsoft is now starting four open source projects that will help Web developers support information cards, the primary mechanism for representing user identities in the identity metasystem. The projects will be hosted on the open source project sites: <http://informationcard.sourceforge.net> and <http://rubyforge.org/projects/informationcard>, and will be aggregated for all developers to access at: [www.codeplex.com/informationcardjava](http://www.codeplex.com/informationcardjava) and [www.codeplex.com/informationcardruby](http://www.codeplex.com/informationcardruby)

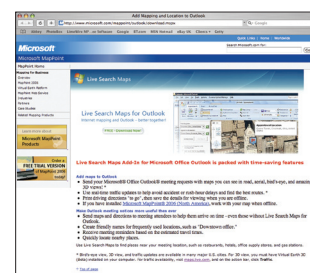
## Better 3D for Virtual Earth

Users of Virtual Earth™ and Microsoft's Live Search Maps for England, Scotland and Wales will find more accurate 3D viewing when looking at locations in Great Britain thanks to new high-resolution 3D height data from Intermap Technologies.

Intermap's 3D digital terrain model is used as the foundation for the placement and alignment of aerial photography and other geospatial images. These images are then layered on this 3D foundation to better align and place objects without distortion or undulation.

Live Search Maps is the online local search and mapping service from Microsoft that combines unique bird's-eye imagery with advanced driving directions, Yellow Pages and other local search tools. Powered by the organisation's Virtual Earth mapping and location platform, these features give users useful new ways to map and find directions to various locations.

Outlook® users can try Live Search Maps for free from [www.microsoft.com/mapoint/outlook/download.msp](http://www.microsoft.com/mapoint/outlook/download.msp)



## Unified communications

A total of 15 phones and other devices have been optimised for Microsoft's unified communications software. The devices connect the work phone to e-mail, instant messaging, real-time presence information, conferencing, voice over Internet protocol (VoIP) and mobile communications, and are available for use with Office Communications Server 2007 (released on 30 July) and Office Communicator 2007. The phones and devices include Internet protocol (IP) phones, Universal Serial Bus (USB) phones, wired and wireless headsets, conferencing phones, LCD monitors and laptops. Businesses interested in taking part in the Office Communications Server 2007 and Office Communicator beta programme can join at: [www.microsoft.com/uc](http://www.microsoft.com/uc)

## Events

Introducing the new TechNet quarterly regional roadshows – a new style of TechNet event; driven by powerful product demo's and leading-edge technology.

The first series includes a Windows Server 2008 deployment, using Windows Deployment Services. We'll create a Windows Server 2008 'Server Core' installation, before your very eyes, and then look at managing this infrastructure using tools such as System Center Operations Manager (SCOM), System Center Virtual Machine Manager (SCVMM) and the fantastic new command-line shell and scripting language: PowerShell.

Locations we are visiting are:

- Reading
- London
- Manchester
- Newcastle
- Scotland

To register visit:

[www.microsoft.com/uk/technet/training/events.mspx](http://www.microsoft.com/uk/technet/training/events.mspx)

## Digigirlz get a taste for technology

With one in every ten companies finding it hard to recruit enough IT staff, Microsoft is going back to school to get more girls thinking about technology as a career. The first UK Digigirlz day, held in June in partnership with Computer Clubs 4 Girls, showcased new technology and high-profile women in IT at Microsoft and other companies, including Systems Magician Andrea Kalavsky, the CIO for Innocent Drinks.

Claire Riley, group manager for Education Relations explains, "We've got to get girls excited early on so we're pitching at 10-16 year olds; that's when they're trying to make up their minds about GCSEs and their longer-term aspirations. We've got to catch them at that stage."



As well finding the day more interesting than school ICT lessons, many of the girls said it had changed their view of IT and who works in technology. The team behind Digigirlz is already planning a larger event for the UK next year.

## Push to Forefront

Microsoft has announced the next instalment of Forefront™. Forefront 'Stirling' is a unified product that will provide comprehensive protection across client, server applications and network edge from a single management console. It will enable IT managers to centrally set policy and configure, deploy and manage security within their IT environment. Stirling will include the next-generation versions of Forefront Client Security, Server Security and Edge Security and Access solutions. More information about Forefront is available at: [www.microsoft.com/forefront](http://www.microsoft.com/forefront)

## DesignIT inspires dementia aid

The winner of Microsoft's DesignIT competition has inspired a solution to help people in the early stages of dementia. The winning entry, 'Memories are made of this', was based on the idea of a virtual scrapbook that could be used by people with dementia and their carers as a memory prompt tool.

Carers will be able to use the virtual scrapbook to upload text, images and video clips as a memory reminder for the person with dementia. The scrapbook could include information about who the person with dementia is; what they've done, where and when in both work and home life. Photographs and information about people who were and

are part of the life of the person with dementia could be added, as well as more short-term information such as the plan for the week or month ahead.

The virtual scrapbook will be created as a full-screen multimedia slideshow viewer, with the content being displayed changing based on a pre-defined timer. The user can also interact through simple keystrokes to pause, restart, fast forward and so on. The scrapbook is to be developed for Windows XP SP2 and Windows Vista.

To read more about the competition and winners, visit: [www.microsoft.com/uk/technet/designit](http://www.microsoft.com/uk/technet/designit)