

Getting the most from your IT equipment?

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Microsoft Windows Server 2003 Small Business Server

- Powerful server operating system
- Comprehensive small business package
- Holds data centrally & securely
- Centralise email and calendar data
- Control remote access
- Two different versions available

Versions

Standard:

- File print and application sharing
- Robust firewall
- Ready made Intranet
- Centralised Email, Calendar and Faxes
- Proactive reporting
- Auto network patching and updating

Versions

Premium:

All the features of Standard plus

- SQL Server 2005 (Data management and reporting solution)
- ISA Server 2004 (Multi layer security firewall)
- Microsoft Frontpage 2003 (Web development tool)

Costs

- SBS 2003 R2 Standard OEM with 1 server licence and 5 CALs = £248 - £306
- SBS 2003 R2 Premium OEM with 1 server licence and 5 CALs = £546 - £605
- Additional 5 CAL packs = £248 - £279

Note OEM software should only be supplied by ICT providers as part of a new system

Core Server Components

The server takes on the following roles in a typical network:

- Active Directory – Service used to manage identities and relationships that make up a network
- DHCP – Dynamic Host Configuration Protocol (Allocation of IP addresses on the network)
- WINS – Windows Internet Naming Service (converts computer IP addresses to names)

Core Server Components

The server takes on the following roles in a typical network:

- DNS – Domain Name System (translated DNS computer names to IP addresses)
- IIS – Internet Information Services (manager for Intranet and Internet web sites)
- Exchange Server – Manages mailboxes, calendar and other data used by Microsoft Outlook

User Accounts

- OS uses Microsoft Active directory system
- Easy to add new users
- Automatically configures mailbox
- Automatic pointing of my documents folders to server
- Configuring permissions
- Configure permissions for specific folders

Adding Computers

- Simply connect to the Windows XP Professional, 2000 or 2003 Server computer to the network
- Run wizard in SBS to connect computer to the network
- Install all applications onto the client computers by simply selecting them from a menu on the server

Shared Folders & Printers

- Many folders can be set up on the server and given a variety of permissions depending on their use for example accounts folders.
- Once printers have been configured on the server any user can connect to these printers without having to directly install printer drivers on individual machines

Faxing

- The server has built in network faxing capabilities.
- Many users across the network and fax simultaneously
- Faxes can be received and accessed through the Intranet
- Saves on fax machines or many PCs being connected to phone lines

Managing Mailboxes

- Use of integrated POP3 connector means that no changes need to be made to current hosting/email arrangements
- Mailbox delegation means that permissions can be given to any other user to view/respond to email on another users behalf
- Out of office provide automated responses to emails in users absence

Distribution Groups

- Groups can be setup on the server which contain a designated group of users or contacts
- These groups are accessible to all users on the network that have an email account
- It is then possible to send all the users an email by just selecting the distribution group from the contact list while maintaining users privacy

Remote Email Access

Two main mechanisms to access your email in real time remotely:

- Outlook Web Access – access your email through your web browser in a familiar Outlook style environment
- Outlook mobile access – access your email via any WAP enabled mobile phone in a customised format designed specifically for mobile phones

Both in real time!!

Built in Intranet

- SBS comes with a pre configured Intranet system which can be easily customised without knowledge of web design or programming
- The Intranet can be used to share documents, host discussion boards, display shared calendars such as staff holidays in addition to many other features

Remote Administration/Support

- SBS includes a facility for two users to be simultaneously logged onto the system remotely to for either administrative purposes or for technical support from a third party
- It can be used by users to access data and use the intranet facility
- For more than two users a terminal server is required

Built in Backup Mechanism

- There is an easily accessible built in automated backup mechanism in SBS 2003. The backup time can be scheduled in addition to the number of backups that you wish to keep.
- A variety of media can be used such as Tape, Hard Drive or other network location which can be internal or external

Shadow Copies

- In addition to backups shadow copies can be made at specific intervals daily
- This tool enables Volume Shadow Copy on drive(s) that house users folders and takes snapshots twice a day
- This allows users to restore lost, damaged or deleted data without administrative support and without having to resort to using backup tape or drive

Monitoring

- The server can be set up easily to send report and error logs by email
- This can be to an external 3rd party providing support or to an internal user
- Reports give information such as uptime, hard disk space, RAM in use, CPU usage, backup status, critical alerts, critical errors to name just the main items....

SQL Server 2005

- Core – Relational Database
- Can be used to give greater performance to intranet or internet sites
- Can be used as a platform for Microsoft CRM or other systems which rely on SQL
- Ensures fast reliable supply of data to client in addition to encryption and integration into .NET architecture

ISA Server 2004

- Server had two separate connections, one to the internet and one to the network
- All data must pass through ISA server to get to the network
- Uses NAT (network address translation), Packet Filtering, Caching and Firewall policies
- Improves security, bandwidth usage, controls client internet access

Frontpage 2003

- Although sharepoint sites can be easily customised using your web browser (providing administrative privileges have been granted)
- Frontpage provides the ability to exert full control over any sharepoint site, allowing pages to be added, new links to be created in addition to editing content already there.

What have we already done for local businesses?

- Helped make better use of existing technology
- Saved money by using different service providers
- Advised on implementation of new technologies
- Signposted to local ICT providers for ongoing support

Our Next Workshop - 7th March

Windows Vista

- Showing you some of this exciting new operating systems features including:
 - New methods of navigation
 - Quicker ways of working
 - Windows Sideshow
 - Windows Sidebar
 - Voice Recognition

Where to go from here?

- For presentations:

www.technologyenterprise.co.uk

- We can refer you to local ICT providers

Or

Medway Council have agreed to fund a half day of diagnostic support to workshop attendees in the areas ME1-ME8 excluding ME6

Remember we are completely independent

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The logo for Technology Enterprise Kent features the words 'TECHNOLOGY' and 'ENTERPRISE' stacked vertically in a bold, blue, sans-serif font. Below these words, the word 'KENT' is written in a smaller, blue, sans-serif font. The text is set against a light blue, brush-stroke-like background that tapers off to the right.