

The logo for Unity, featuring the word "unity" in white lowercase letters on a red rectangular background. The red background is set within a blue arrow-shaped frame pointing to the right.

unity

Securing your future by
managing your **information**



Trusted Technology Partner for Your Business



Overview

25 years within the IT environment means that Network Si can offer a significant amount of value to businesses who require assistance with their data replication and other business continuity needs.

To compete in the marketplace businesses depend on their IT to be safe and secure. This reliance on IT systems presents significant potential operational and financial risks which business managers must address in their business planning. It is important for any business to understand what to do in the event of a systems or business disaster and who takes responsibility for applications and data recovery.

Network Si's Unity managed service provides tailored real-time or scheduled data and configuration backup for applications, data and servers based on best of breed industry standard solutions. It includes hands-free, automatic offsite backup capabilities to protect businesses against disasters.

Together, the automatic, hassle-free local and offsite data backup capabilities solve the pains related to existing backup systems. Network Si provides tailored monitoring designed for your business needs and a proactive approach that can spot threats as they emerge and deal with them before they affect you.

With the protection of a company's data assets becoming the personal responsibility of company directors, businesses should be focusing even more on their internal data protection strategies. Our goal is to deliver technologies that allow you to focus on your business.

However it is not enough to rely on this to ensure business continuance. IT business continuity planning should always be a significant part of a business continuity plan. Being able to recover your data and IT systems in a safe, secure and timely manner offers many benefits, however other elements of the business must also function for any business to continue to operate effectively.

Traditional disaster recovery service providers typically provide physical facilities and shared standby equipment. However the key ingredient for continued operations, applications and data is left completely to the client to recover.

Unity has been designed to address this issue through the introduction of 3 easy to understand and implement modular managed solutions:

- **BACKUP AND RESTORE**
- **RAPID RECOVERY**
- **RAPID FAILOVER**



Backup and Restore

Underpinned by Microsoft's Data Protection Manager, Network Si are able to tailor onsite and offsite continuous backup and recovery services across applications, databases and file servers. This operation is seamless to our customers and can operate to both disk and tape via local and remote servers, with the remote servers located either at another office or a Network Si managed datacenter.

With our Backup and Restore service you no longer need to spend time managing and validating your backup processes. As part of the managed service we take responsibility for validating the data replication process and agree the checks and measures with you for ensuring backups operate correctly, allowing to have complete peace of mind when it comes to data backup & recovery, be that for one individual file, or a complete server room data loss scenario.

Whilst the principles of off-site backup are generic no customers' requirements are ever the same and each solution is tailored to your requirements based on a number of factors, all of which are driven by your individual business needs.

KEY BENEFITS INCLUDE:

- *Can be used as a total replacement for backup software*
- *File and Application recovery will be easier and more reliable as a "point in time" recovery is made easier to achieve*
- *Can be more cost effective than server to server high availability products*
- *Individual File, group shares and database recovery can be delivered individually in a timely fashion*



Rapid Recovery

A natural evolution from off-site backup and restore services is the ability to quickly recover from critical failure of a server or servers utilizing products from our key strategic partners HP and Microsoft we are able to offer our customers the ability to keep server build and configuration information off-site so that in the event of a failure the specific configuration can be quickly restored to a different hardware platform, be that a physical server or a virtual server.

Our experience tells us that no two customers have the same requirements, therefore each solution needs to be tailored to your budget and business requirements, based on applications reliance within your business.

KEY BENEFITS INCLUDE:

- *Extends the in place backup routines to offer effective systems recovery in the event of a major systems applications or business outage.*
- *Removes the reliance on IT staff having to continuously validate server builds and update off-site copies of configuration and/or media*
- *Can limit the financial impact of a failed server or application platform*
- *Offers recovery services on servers and applications at a commercially attractive price*



Rapid Failover

For customers that need the ability to have minimal service interruption in the event of a major systems or business outage Network Si offer the ability to deliver highly available applications from either a secondary business office or an off-site Data Centre. The rapid failover services can be tailored to cater for only key "must have" business applications or complete IT services depending on your specific business needs.

We will evaluate each individual clients requirements and present a solution that is tailored to the overall business needs. Our services operate within best practice guidelines and are fine tuned to the individual clients requirements, this ensures supportability and total customer satisfaction.

KEY BENEFITS INCLUDE:

- *Can provide for real-time, off-site, replication for the most critical of applications*
- *Individual applications replication schedule can be continuous, hourly or daily dependent on applications bandwidth usage and requirements*
- *Immediate and automatic failover for continued operation where appropriate*
- *Target server(s) can reside at remote client site or at Network Si data centre*
- *Remotely managed and monitored from Network Si's offices*



How to deal with Storage capacity growth

Organisations store more and more files every day. The continuing growth in file storage is putting growing pressure on Windows servers and Storage devices as hard drives fill up. It takes longer and longer to backup file server contents and the administration of tens if not hundreds of thousands of files is an increasing burden on IT departments.

This means that IT departments are faced with a multitude of choices when planning how to address their ever increasing unstructured data storage need and our customers are now facing a number of challenges including:

- *The amount of data stored on network servers is growing at a minimum of 20% per year*
- *Even though hardware storage costs per gigabyte are dropping, storage management is increasing IT administration costs and burden*

- *In most organizations most unstructured data will never be accessed again after the initial save*
- *Significant levels of disk space wasted through file duplication*
- *Information becoming harder to find as storage continues to fragment*

Whilst purchasing new hardware can address some of these challenges this may not be the best solution for our customers. Network Si has the consultancy skills and software products required to enable us to offer a Data Storage Review which investigates the current storage infrastructure and recommends which options are available, ensuring that any potential changes or additions to our customers data storage platform meets current and future storage needs



Unity Data Storage Review

The first requirement for implementing a file storage solution is to understand the size of the issue that needs to be addressed. Network Si uses a specialist file storage analysis module that shows the age of files, created date, file ownership and duplication of files that reside on file systems, file servers and across multiple file storage devices. The

reports offer a consolidated view of all of the files in an organisation as well as providing granular reports so that our customers can focus in on specific problem areas.

Examples of the information created can be seen below:

File Age by Modified Date - All Servers:
Run by :- Date files were last modified
Report runtime: - Jun 10 2008 9:16AM

	Year	Number Of Files	Total Size (MB)	Avg. Age(days)	Avg. Accessed Days	Avg. Modified Days
1	2008	<u>187</u>	901.18	53	46	91
2	2007	<u>2013</u>	3,227.72	54	49	375
3	2006	<u>4291</u>	4,446.03	55	49	725
4	2005	<u>3676</u>	1,751.99	54	48	1070
5	2004	<u>3838</u>	1,531.73	54	49	1516
6	2003	<u>7897</u>	2,457.43	54	49	1799
7	2002	<u>4559</u>	2,505.35	54	48	2163
8	2001	<u>3287</u>	1,317.73	54	49	2526
9	2000	<u>2294</u>	616.46	54	48	2882
10	1999	<u>1864</u>	460	54	49	3277
11	1998	<u>928</u>	208.7	54	49	3636
12	1997	<u>363</u>	54.32	55	49	4007
13	1996	<u>639</u>	70.79	55	49	4300
14	1995	<u>75</u>	23.16	55	49	4636
15	1994	<u>3</u>	.39	55	49	5041
16	1991	<u>2</u>	.22	55	49	6081
17	1990	<u>93</u>	.83	55	49	6381
		36,009	19,576.83			



Duplicate Files Report for all Servers

Note: - Stubbed files are not included
Report runtime: - Jun 10 2008 9:15AM

File Name	File Size(K)	Num Duplicates	Total Size(MB)	Num Servers	Avg. Modified Days
1 MailMeter ComponentsT V1...	58,121.25	3	164.42	1	831
2 MailMeter_SM_v1_2(29).exe	55,594.74	2	108.58	1	810
3 GV Presentation with Soun...	The size of each occurrence of the file		90.82	1	2059
4 SolFun.cab	26,753.35	3	76.36	1	1854
5 MailMeter-3.0-Exchange.vi...	38,132.54	2	74.48	1	817
6 MM-2.05-Exchange.zip	27,986.99	2	54.62	1	1076
7 help7admin.pdf	26,811.32	2	51.98	1	494
8 boston.msi	12,815	4	50.08	1	382
9 Nald.0	1,925.88	24	45.14	1	2538
10 CRMTEMPD	20,080	2	39.22	1	1575
11 MailMeter Outlook Add-In-...	17,793.06	2	34.75	1	831
12 MM-3.1 UserGuide.pdf	5,065.46	2	34.63	1	778
13 boston.msi	6,774	5	33.08	1	552
14 VSE80ILEN.zip	15,176.8	2	29.64	1	217
15 install.pdf	14,117.2	2	27.57	1	494
16 DATA.Z	8,275.02	3	24.24	1	2293
17 MM-40-Insight User Guide.pdf	12,192.83	2	23.81	1	508
18 data.z	12,012.22	2	23.46	1	337
19 boston.msi	7,824.5	3	22.92	1	1643
20 data.z	11,141.37	2	21.76	1	817
		76	1,033.56		

Change page: < 1 2 3 4 5 6 7 8 9 10 ... z | Displaying page 1 of 200, items 1 to 20 of 3955
Change page: Go Page size: Change

Files by Extension Type for All Servers

Report runtime: - Jun 10 2008 9:13AM

File Extension	Number of Occurrences	Total Size (MB)	Avg. Modified Days
1 .exe	1306	5,812.44	1999
2 .zip	625	3,385.26	1696
3 .log	1291	1,872.12	1999
4 .doc	9645	1,356.58	1947
5 .pst	3	1,166.42	168
6 .pdf	1353	709.99	1432
7 .xls	2399	455.88	1853
8 .JIF	695	424.85	1985
9 .MSI	101	379.85	1817
10 .ppt	181	329.24	1582
11 .gz	5	315.54	929
12 .bat	1035	279.49	1750
13 .mdb	47	276.1	1940
14 .CAB	108	251.57	2747
15 .z	88	221.28	1882
16 .bmp	272	205.5	1891
17 .iso	1	131.33	609
18 .sql	550	130.15	1709
19 .dll	576	124.77	1934
20 .rpm	11	120.81	840
	20,294	17,948.23	

Change page: < 1 2 3 4 5 6 7 8 9 10 ... z | Displaying page 1 of 19, items 1 to 20 of 365
Change page: Go Page size: Change

At the end of the review we detail the conclusions made from the information gathered and detail the options available to assist in managing the current and future storage requirements. Businesses differ in

the criteria they use for deciding whether information in a file is no-longer active, what the file retention policies should be, and what the end-of-life action for a file should be. These points underpin any recommendations.





Trusted Technology
Partner for Your Business

For more information:

Visit: www.networksi.co.uk

Call: **0121 511 1234**

Mail: sales@networksi.co.uk

Network Si UK limited,
3 Demuth Way, Oldbury,
West Midlands B69 4LT.