

COMPANY HISTORY

Overviews the history of CompuSphere Ltd.



CompuSphere Ltd

COMPANY HISTORY

CompuSphere Ltd was established in March 2006 to provide a range of IT solutions and services for small to large businesses that pride's itself on delivering the clients requirements on time and on budget.

The company uses technology and industry best practises to create and implement solutions for our clients, so they can be confident that their business is operating using the best knowledge and the best infrastructure components.

CompuSphere operates in many diverse industries, and maintains a strong focus on the Financial Services sector. We therefore understand the demands of environments that require strategic long term thinking, innovative solutions, that drive and deliver your businesses vision and provide your customers with an efficient service.

With extensive Windows Architecture, backup product and SANStorage experience, CompuSphere Ltd will provide high quality services and solutions with a dedicated team of technical experts who are passionate about client satisfaction, and the technical solutions we deliver. We pride ourselves in having the highest calibre consultants, of which many have worked for the big five consultancies. CompuSphere Ltd key difference is that we operate with a human touch, and listen to our client's business requirements.

CURRENT AND RECENT CLIENTS

See below some examples of the clients CompuSphere Ltd has provided solutions to:-

If you would like contact details of any of the clients listed for further reference, we will gladly provide details.

London Stock Exchange Plc

Recognised as the primary European equity market, and one of the top three prolific stock markets in the world, along with New York and Tokyo. The London Stock Exchange is built on more than 200 years of integrity, expertise and market knowledge and has cemented itself as one of the most prestigious financial institutions in the world.

virt-x Exchange Ltd (part of the SWX Group of Companies)

Founded in 2001 as the first cross-border trading platform for pan-European blue chips. Virt-x is an established independent Recognised Investment Exchange (RIE) based in London offering; electronic order book trading, expertise in cross-border trading, trade and transaction reporting services and a Central Counterparty (CCP) with a choice of clearing and settlement.

Chiltern Group Plc

Chiltern Plc is the UK's leading independent tax adviser. See below other Chiltern Group related companies.

- **Moore's Rowland International (MRI)** is one of the world's top ten associations of independent accounting firms whose members provide business, taxation and management consultancy services to organisations throughout the world.
- **Kinetic Partners** is a global professional services boutique focused on the investment industry. Kinetic Partners is a joint venture with Chiltern Plc and is a member of MRI, the eighth largest network of accountants and business consultants in the world. They currently operate out of global offices in London, Dublin, New York and Cayman.

TESTIMONIALS

London Stock Exchange Plc

"CompuSphere has proven to be a reliable and trustworthy consultancy, although they are small, they have proven their technical expertise time and again when it mattered and has enabled us to build an on going relationship" - FIX Business Product Manager

Virt-x Exchange Ltd

"CompuSphere provided virt-x with a very competent consultant who was able to grasp what we were doing quickly. The deliverables produced were of a very high quality and nothing was left out during the requirement capture phase" - Senior Business Development Manager

Anderson Cook Solicitors LLP

"I have been dealing with CompuSphere Ltd on all my IT requirements for some time. I have always found his advice invaluable and his attention to detail impeccable. These attributes coupled with a swift reliable service give me the confidence to continue my allegiance with Lee and the company on all IT and related matters in the future" - Solicitor and Partner

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TECHNOLOGY OVERVIEW

Overviews the services and solutions provided by CompuSphere Ltd.

CompuSphere Ltd

TECHNOLOGY OVERVIEW

CompuSphere Ltd provides a range of services implemented to meet your business requirements. These include:-

- Windows Architecture Design and Implementation
- Office Email Solutions
- Backup Solutions
- Storage Area Networks
- Disaster Recovery

With a combination of industry experience and Microsoft certification CompuSphere Ltd implement using industry best practices.

Below are some examples in more detail.

WINDOWS ARCHITECTURE DESIGN AND IMPLEMENTATION

CompuSphere Ltd has a proven track record consulting and implementing on a wide range of Microsoft Windows based systems.

The below points are some examples of some of the systems that CompuSphere Ltd has implemented.

- Windows Active Directory and related infrastructure services to establish a reliable platform to build and develop other key infrastructure components (e.g. Email).
- Design and Implement disaster recovery solutions to provide failover in the event of any environmental issues or terrorist activity.
- Identify business issues and streamline your organisation using our vast experience with IT, process management and business knowledge.

We have worked with some of the City's most prestigious companies so know what working under pressure can be like.

OFFICE EMAIL SOLUTIONS

CompuSphere have expert knowledge with Microsoft Exchange 2000\2003 mail products. Below are some of the benefits we would bring to your installation:-

- Implement Exchange 200x following industry best practices.
- Using experience in multiple installation determine the right balance against reliability vs cost vs performance to load balance the application components across additional servers.
- Implement an anti-virus policy in conjunction with your existing anti-virus infrastructure to ensure your mail is protected against any malicious messages.
- Implement email forwarding via an external mail sweeper company.

BACKUP SOLUTIONS

We understand the right backup solution is critical to every business's operation, and therefore CompuSphere Ltd goes beyond just identifying and implementing the right backup solution we also make sure that when your data is required it can be restored and the dependant service resumed.

- Evaluate or help create your business requirements and pick the required backup software. We have expert experience in Veritas Backup Exec and Netbackup, CA Brightstor etc.
- Implement core infrastructure components to perform reliable backups and restores including fibred networks.
- Implement single tape to enterprise tape silos in conjunction with the hardware vendor.
- Ensure network bandwidth is adequate to ensure a high speed reliable network.
- And most importantly test the restore of all backup on an adhoc to monthly basis (subject to contract)

STORAGE AREA NETWORKS

CompuSphere Ltd has combined experience of 15 years in the Storage Industry. Consultation and implementation experience with a number of SAN components.

- **Fibre Switches**
a recommended storage network consists of a minimum of two isolated fibre switches to create resiliency across independent hardware and configurations.
- **Disk Arrays**
Disk Arrays come in a number of forms starting from an entry level single shelf SCSI disks to enterprise disk arrays which have between 50+ to 200 fibre attached disks.
- **Host Bus Adapters and Multi-path Software**
A host server connected to the fibre SAN network is recommended to be connected via 2 Host Bus Adapters (HBA) PCI cards.

With a dedicated fibre connection to each isolated network and using Microsoft MPIO software the connection to the remote storage will remain available.

DISASTER RECOVERY

In a world of 24 hour business, experiencing an IT issue which results in a loss of communicating both internally and externally could cost your company thousands of pounds. CompuSphere Ltd can design and implement disaster recovery solutions to provide failover in the event of any environmental issues or terrorist activity.

- Automatic Data replication using software or hardware solutions
- Automatic cluster failover to your alternate site.

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CASE STUDIES

Scenario: London Stock Exchange, virt-x and Chiltern Group Plc

This page provides examples of actual case studies that CompuSphere Ltd has recently undertaken.



CompuSphere Ltd

LONDON STOCK EXCHANGE

STUDY ONE: FIX GATEWAY

To further develop the FIX Gateway trading platform, capture requirements and conduct reviews and produce a report on future technology platforms & hardware.

CompuSphere Ltd was able to use its experience with electronic messaging systems as well as its business analysis services and was able to deliver a comprehensive report making recommendations on the future technology roadmap of this particular service.

The current service uses Windows 2003 server enterprise edition and 2000 Datacentre server, with a SQL server 2000 backend all sitting on HP ProLiant technology and a HSG80 SAN.

New technologies considered were new HP ProLiant servers with AMD processors, HP EVA 8000 series SAN, Microsoft SQL Server 2005, Microsoft ISA 2004 & 2006 and VERITAS NetBackup.

STUDY TWO: ORDER MANAGEMENT

Conduct a proof of concept project in order to implement a third party translation & mapping engine for the existing FIX Gateway trading platform.

CompuSphere was requested to undertake a review of a third party 'black box' solution and to conduct a proof of concept project as to how best it could be incorporated into the existing architecture and to undertake a complete performance review of this new solution. Technologies used by this solution were Microsoft BizTalk server, Windows 2003 server and Microsoft SQL Server 2000 using various raid array configurations.

VIRT-X EXCHANGE LTD

STUDY ONE: BUSINESS ANALYSIS SERVICES

As a result of MiFID virt-x identified a number of opportunities for new service offerings. Requirements capture was required in order to produce a coherent deliverable in the form of a business case.

CompuSphere was able to provide business analysis services to the virt-x and was able to extract the exact requirements of the service and produced a deliverable in the form of a business case which was presented to management for final approval to be sent to SWX in Zurich.

ANDERSON COOK SOLICITORS LLP

STUDY ONE: HARDWARE UPGRADE WIRELESS NETWORK

Anderson Cook Solicitors contacted CompuSphere Ltd to provide consultancy for recommend and implement a hardware refresh to replace a number of desktop/laptop.

In addition to cope with the additional workload and the broadband connection and wireless network was upgrade to cope with the additional network traffic and increase the range.

CHILTERN GROUP PLC

STUDY ONE: BACKUP SOLUTION

Troubleshoot on going backup issues and to restructure the solution for added resilience.

After three failed attempts by other consultancies to resolve the on going backup issue Chiltern contacted CompuSphere. CompuSphere helped Chiltern identify the root cause of the backup failures and restructured the environment and infrastructure for improved resilience; the environment was based on Microsoft Windows 2003 Server, Cisco network devices, ArcServe and HP MSL tape library technology.

Further education was provided as to industry best practice for backup, monitoring the environment and patching strategies.

STUDY TWO: REMOTE ACCESS

Troubleshoot and fix remote connectivity issues for Kinetic Partners remote users using the existing VPN solution.

Having built up a relationship with Chiltern, CompuSphere was requested in conjunction with their own support staff to review and help identify a solution to on going remote user access issues for users coming in via VPN from Cayman and New York offices to the London site. CompuSphere reconfigured the Cisco firewalls and routers as well as the Microsoft Windows 2003 terminal servers to route the traffic to its correct destination. Additionally, CompuSphere conducted a complete review of the solution and provided advice for reconfiguring the existing solution to aid resilience and performance.

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