

Server Consolidation



Inefficient servers lacking centralised management.

It's called server sprawl, and it can be one of the more troublesome side-effects of a growing business with rapidly expanding data and technology needs. You add more servers to cope. And before you know it, without a managed plan, you have:

- multiple under utilised servers taking up more space and resource time than necessary.
- servers dedicated to applications which are difficult to maintain and ensure availability.
- servers spread across data centres at multiple sites.
- Added security risks, as backup and contingency/ disaster recovery plans will be complex and time consuming.

As you grow, the need for centralised control will become more pressing due to your:

- ever-increasing IT infrastructure management to look after the increasing number of servers in place.
- expanding workforce, meaning more locations requiring IT systems and applications.
- drive to be more efficient and more environmentally friendly.

Impact of failure to act

Continuing to bolt on more servers, whenever, wherever, is not an option. Lack of consolidation and centralisation means your business will continue to operate less effectively and efficiently than it could. This results in:

- Waste of expensive space and resources.
- The extra costs of installing expensive systems to manage the equipment such as air conditioning etc

– investments which may not be necessary if your systems were consolidated.

Servers which continue to be dedicated to single applications, increasing the demands on space, resources and equipment. This is especially difficult to maintain across various sites.

In short, not tackling sprawling IT complexity will bring an increase in the costs of resources, space and energy. Systems will become difficult to secure and maintain.

So how should you respond to your business growth? Expanding the data centre as the workforce expands is not a solution to any problem. The management of the data centre will continue to be complex. The speed and security with which new users are added may not be consistent, as access may be required to multiple servers. Replicating systems in multiple locations, with the resulting underutilisation of servers, leads to an expensive waste of technology, space, energy and resources.

If business improvement and energy conservation are high on your agenda, an over-complex IT infrastructure will undermine your aims and have a negative impact on your business as a whole. Additionally, your organisation may not meet all its legal obligations in this area.

Business Requirements

You can stop sprawl in its tracks and take control through Server Consolidation. This entails combining workloads from separate machines or applications into a smaller number of systems or applications. A well-thought-out, tailored consolidation solution should:

- Centralise delivery and control, improve service levels and reduce IT infrastructure management costs.
- Reduce costs, strengthen system security and enhance business agility through more efficient management of the data centre.
- As your business expands, deliver new applications at lower cost, more rapidly and with a higher level of availability.

The Northgate Server Consolidation Solution

The specialists at Northgate can simplify and optimise your end-to-end server requirements through the centralisation and consolidation of servers. This will help reduce your costs and IT infrastructure complexity, while providing increased availability and performance. And a scalable, intelligent solution will also provide a solid platform for future IT growth.

* Our IT experts can deal with all the issues surrounding your current infrastructure and systems such as:

- Incompatible technical architectures.
- Incompatible operational, network, application or security environments.
- Geographically dispersed offices and users.
- Disaster recovery/contingency planning.
- We take into account your expansion requirements to ensure applications can be deployed quickly, easily and securely with the minimum of configuration and resource.
- We make purchasing and implementing new systems simple by providing a single point of contact that eliminates the need to deal with multiple providers.
- Our professional team will guide you through the process to ensure a successful, simple solution delivery that meets your business requirements.

Benefits of the Northgate Server Consolidation Solution

Now future growth plans needn't include escalating IT costs and issues. Northgate simplifies and streamlines your IT infrastructure, so that you have a sound foundation for your strategic aims.

Through our tailored solution you will be more productive, more efficient, enjoying:

- Centralised delivery and control of IT systems.
- Operating efficiencies and cost savings within the data centre. The costs of moves, add-ons and changes, as well as break-fix maintenance and support, are lower.
- Increased control and security over data as servers are consolidated. This strengthens your business resilience, as you have the confidence of superior data centre infrastructure and security.
- Enhanced flexibility and responsiveness of IT systems and applications.
- Improved service levels and lower IT infrastructure management costs.
- Easier, faster disaster recovery.
- Significantly reduced total cost of ownership through IT and server consolidation.

Testimonial

"Northgate were able to sum up our IT problems in one statement, 'server sprawl'. And they came up with a smart solution to take the costs and complexity out of our infrastructure. Through their Server Consolidation Solution, we now have fewer servers working more efficiently in a more integrated manner. And it's all managed centrally, so we can always keep tabs on what's happening. Already, we've seen the savings. And we can move ahead with expansion plans with confidence".



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