



MISSION POSSIBLE



CONSOLIDATE SQL INFRASTRUCTURE TODAY



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DID YOU KNOW THAT CONSOLIDATING YOUR SQL INFRASTRUCTURE CAN SAVE YOU UP TO 50% ON OPERATING COSTS AND 80% ON ENERGY? HERE'S HOW IIS CAN HELP YOU DO IT.

The goal of consolidating multiple SQL environments is to provide enterprises with the benefits of stable bottom-line costs and high resource utilization rates. Identifying the right time to consolidate SQL infrastructure is difficult to assess, and launching consolidation initiatives in-house can be troublesome without first gaining a trusted third-party's perspective.

International Integrated Solutions, Ltd. (IIS) has the forward-thinking, innovative mindset to guide enterprises through the SQL consolidation process from conception to optimization. Efficiently consolidating database instances could be the difference between staying competitive in the new 21st century global economy and falling behind. IIS has the integrity necessary to make the tough decisions when tackling large-scale SQL consolidation projects, so enterprises can adjust quickly to a shifting economic landscape in the United States and abroad, and their service-oriented approach ensures that every company gets the best, most efficient and cost-effective solutions for its individual IT needs.



THE GOAL IS TO PROVIDE ENTERPRISES WITH THE BENEFITS OF STABLE BOTTOM-LINE COSTS AND HIGH RESOURCE UTILIZATION RATES.



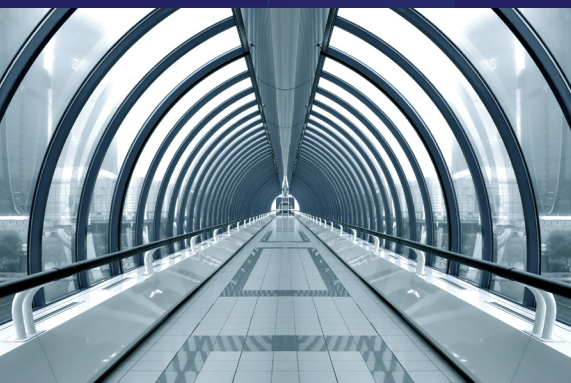
*IIS PIONEERS
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SPRAWL
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CREATIVE WAYS
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THE HARDWARE
RESOURCES*



OPTIMIZING SQL WORKLOADS LEADS TO LOWER EXPENDITURES

When deciding whether or not the time is right to consolidate SQL environments, mitigating costs is without a doubt one of the top business drivers. Across every industry, IT departments must constantly contend with the issue of ballooning capital and operational expenditures due to data center sprawl. Powering and cooling a single server alone can cost several hundred dollars per month. The cost of labor to administrate data centers properly is yet another consideration to keep in mind, so enterprises operating large-scale SQL environments certainly have a vested financial interest in offsetting sprawl.

Experienced IT managers know, however, that containing data center sprawl is difficult to achieve in the real world. Due to the challenges of balancing SQL server workloads dynamically as a successful enterprise expands, underutilized databases can proliferate faster than efforts to offset the sprawl. Inheriting a poorly conceptualized SQL environment after a recent acquisition is an excellent example of a common problem enterprise IT departments face regularly. IIS pioneers innovative strategies to combat sprawl by finding creative ways to maximize the hardware resources of existing physical machines.



For instance, state-of-the-art 64-bit servers include multi-core CPUs, but this deluge of processing power is commonly underutilized by SQL applications that cannot accommodate the robust capabilities of the new underlying hardware. To gain the most out of new hardware, IIS can analyze all the hardware performance metrics of existing SQL infrastructures in order to decide which servers are good candidates for consolidation and which are not. Virtualization is certainly always an option, but IIS understands that going virtual is not a one-size-fits-all solution.

Traditionally, database consolidation best practices hinged on the multi-instance and shared-instance approaches; but today, virtualization gives companies the option of myriad consolidation techniques from which to choose. Knowing which configurations to deploy in the right instances is one of the specialties of IIS. Natively provisioning cloud-based database models may make more sense than adopting a shared-database provision schema. IIS can assist IT departments by helping them determine how best to configure tier-one databases to optimize processing power and reduce server footprint over the long term, reducing bottom-line costs across the board.



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PIONEERING SQL INFRASTRUCTURE AGILITY

From the perspective of agility (the ability to respond dynamically to IT workloads in real-time), scalable, dynamic SQL infrastructures represent the next evolution in database technology. Simply stated, enterprises can no longer wait to invest in infrastructure that can keep pace with the shifting landscape of the new 21st century economy. The time to consolidate an SQL infrastructure is now, and IIS can help enterprises scale up (or scale out) where appropriate. As markets shift in the blink of an eye, IT departments must have an SQL infrastructure that can accommodate the pace of today's economy.

The old methods of consolidating physical database infrastructure are time-consuming, to say the least. On the other side of the issue, designing a virtualized infrastructure is arguably too fast and easy. Inexperienced IT managers may opt for a quick solution to the complex question of infrastructure agility instead of combing through all options before deploying a consolidated SQL environment. IIS has the experience necessary to coordinate ways to provision SQL application resources to give enterprises the agility to expand or contract database capacity on-demand. Provisioning resource-intensive applications during peak workload periods is only one of the many ways to increase agility in the real world. Together, IIS and enterprises can pioneer innovative, creative strategies when designing agile, state-of-the-art SQL environments.



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IIS IS AN EXPERT PARTNER IN SQL CONSOLIDATION

In the new 21st century economy, enterprises have to adjust to the ever-accelerating pace of the global marketplace. Businesses across every industry can no longer wait to consolidate SQL infrastructures. The technology exists, but the experience and innovative mindset necessary to leverage the newest and best consolidation practices can be hard to find. IIS offers enterprises highly personalized service of the highest integrity combined with creative, innovative ideas tailored to a company's unique business drivers. By lowering the cost of deploying a modern SQL infrastructure along with increasing scalability, IIS stands at the forefront of IT innovation.

