IIS
MISSION POSSIBLE

WHEN EVERY MILLISECOND MATTERS: APPLICATIONS OF LOW-LATENCY SOLUTIONS

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IT HAS BEEN ESTIMATED THAT A ONE-MILLISECOND ADVANTAGE IN DATA PROCESSING TIME CAN BE WORTH $100 MILLION A YEAR TO A MAJOR BROKERAGE FIRM. IN ANY INDUSTRY, THE FASTEST SYSTEMS MEAN THE BEST RESULTS –

Today in the United States, technology has pushed businesses to previously unheard-of speeds. In industries across the board, companies are finding it increasingly essential to streamline their IT infrastructure in ways that reduce latency in any way possible. This is especially true for industries in which minimal delay in data processing time is absolutely paramount to success, such as finance or online gaming, or for companies that use voice-over Internet protocol and need to minimize lags in conversation. Low-latency solutions exist, but it can be difficult to implement them in ways that ensure they are cost-effective, durable, and adaptable not only to today's pressing IT issues, but also to tomorrow's challenges.

This is where International Integrated Solutions, Ltd. (IIS) comes in. They have a long track record of providing innovative, effective and proactive solutions to companies from many industries. They know how to create low-latency solutions that work, to streamline IT infrastructures and manage them effectively, and to anticipate future issues well in advance, so that companies can stay ahead of the curve in an increasingly cut-throat economy. Effective application and management of low-latency equipment helps companies ensure that they are performing at the levels of efficiency that today's economy demands, and that they can truly make every millisecond count.

COMPANIES ARE FINDING IT INCREASINGLY ESSENTIAL TO STREAMLINE THEIR IT INFRASTRUCTURE IN WAYS THAT REDUCE LATENCY IN ANY WAY POSSIBLE.

THE PROBLEM: DELAYS IN DATA TRANSMISSION AFFECT REAL BUSINESS IN REAL TIME

In the early days of the Internet, sometimes the only options for coping with high-latency equipment were to send less information, or to throw away valuable dollars on flawed and bulky technology that was, at best, only a reactive solution to the problem. In today's marketplace, this is simply no longer an option. Companies need to send and receive large amounts of information, and they need to do it as quickly and efficiently as technologically possible.

The technology available today is far more advanced than what existed even 10 years ago, and it continues to develop at exponentially higher speeds. Likewise, expectations for the speed at which companies can process data have skyrocketed. The old adage that "time is money" has never been more true. Every millisecond lost to delays related to high-latency IT infrastructure is a lost opportunity. Companies that want to stay on the cutting edge therefore need an IT infrastructure that can keep up. These daunting challenges can be conquered with the careful and proactive application of the right solutions. The technology is out there, and IIS can help design an IT solution that fits each company's critical low-latency needs.

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THE SOLUTION: LOW-LATENCY IT INFRASTRUCTURE

AN IT INFRASTRUCTURE THAT CAN MEET TODAY'S HIGH PERFORMANCE EXPECTATIONS

When broken down, the problem is simple: many companies do not have the IT infrastructure necessary to keep up with the high speeds at which data needs to be processed. Likewise, there is a simple solution: an IT infrastructure that can meet today's high performance expectations for data processing speeds by reducing latency as much as currently possible.

IIS knows how to create low-latency infrastructures that adapt traditional technology to ever-changing current needs. Their world-class consultants focus on offering essential infrastructure quickly and with minimal downtime risk. They work actively to optimize equipment not only through initial planning, but through ongoing consultation and maintenance. Not only does streamlining IT infrastructure in this way create greater efficiency and fewer delays, but it also saves money. It ensures that a company's IT set-up has real staying power.

IIS KNOWS HOW TO CREATE LOW-LATENCY INFRASTRUCTURES THAT ADAPT TRADITIONAL TECHNOLOGY TO EVER-CHANGING CURRENT NEEDS.

THE IMPORTANCE OF STAYING PROACTIVE: THE BENEFITS OF A SHARED-SERVICE MANAGEMENT MODEL

The average U.S. company currently spends an average of 70 percent or more of its IT budget purely on its operational costs. IT departments are juggling servers, storage, networking devices and other equipment in a product-centered approach that is difficult to adapt to changing needs. This has created a situation in which many companies' IT infrastructures are a maze of outdated equipment that begs to be streamlined.

But this does not need to be the case. Companies do not have to spend top dollar just to keep up. Switching to a shared-service management model can provide numerous benefits, including better standardization of IT infrastructure, lower overall operational costs, reliable and consistent service, increased flexibility and productivity, and most importantly, a much better return on IT investments.

Careful planning and a proactive approach to foreseeing future IT issues is not just a good thing to do – it is essential for any company that wants to stay competitive. Companies do not just need solutions for today's problems. By switching to a shared-service management model, they get IT solutions that are designed to address their specific needs, and an IT infrastructure that is durable and adaptable enough to carry them through tomorrow's challenges.

CHOOSING THE RIGHT LOW-LATENCY SOLUTION: NOT JUST ABOUT PRODUCTS, BUT PEOPLE

THE EVER-CHANGING NATURE OF CURRENT TECHNOLOGY AND DATA PROCESSING NEEDS CALLS FOR A PROACTIVE APPROACH.

Companies need an IT services partner that can provide a low-latency infrastructure that is reliable and adaptable. IIS has been innovating tailor-made solutions since 1989, and its capabilities are ever-expanding to match its strong and growing portfolio. They measure their success by that of their clients, and their long history of providing excellent results is a testament to their commitment to personal service as well as technological innovation. IIS understands that the highest-performing companies need the highest-performing IT infrastructures, and they are proud of their long track record of providing great solutions to today's daunting IT challenges.

The ever-changing nature of current technology and data processing needs calls for a proactive approach. Maximum efficiency means maximum results, and careful planning, expert application and reliable management by a trusted service provider like IIS can ensure that the investments a company makes today will also save them precious time and money in the future. No more sprinting just to stay in place; with the help of durable, adaptable, low-latency solutions, companies will be able to get ahead of the curve, and stay there.