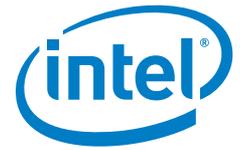


CASE STUDY

Intel® Xeon® Processor
Intel® Core™ Processor
Enterprise Servers and Storage



Going All In on a Grand Ambition

GST helps bring to life a 5-star hotel and gaming resort in Vietnam, equipped with the IT infrastructure to support its groundwork



CHALLENGES

- **Recreate the Las Vegas strip** along a rural coastline in Vietnam
- **Develop upon limited existing infrastructure** with densely vegetated terrain
- **Operate in a remote location** with the nearest metropolis 125 km away

SOLUTIONS

- **Resort hospitality solutions** from point-of-sale and PCs to servers and storage to realize the vision of a best-of-breed IT environment
- **IT solution provider GST** to integrate the underlying technologies across multiple manufacturers utilizing Intel® processor architectures for all facets of operation
- **A high-performance server** and storage infrastructure based on Intel® Xeon® processor and Intel® Core™ i5 and i7 processor architectures

When a Canadian investment company set out to reimagine the famed Las Vegas strip along a 12-mile stretch of undeveloped coastline in Vietnam, it needed an IT specialist that could create an underlying infrastructure from the ground up. Its choice, Gold Star Technology (GST), specified Intel® architecture for unsurpassed performance, security, and reliability to handle the demanding workloads for gaming and hospitality services.

The first 5-star resort hotel in this visionary project along Vietnam's Ho Tram Beach encompasses 541 luxury guest rooms, a variety of world-class restaurants, a conference center, retail shops, and a large-scale entertainment facility. A planned second phase will add 549 more guest rooms and 14 VIP villas. The hotel will employ more than 2,500 highly skilled hospitality professionals.

The hotel is the first of five large-scale luxury resorts and two entertainment centers that will draw high-ticket guests. Behind the scenes, their indulgent

customer experience is enabled by GST's end-to-end IT solution powered by Intel® technology.

From Remote Locale to Renowned Resort

The project's investors, Asian Coast Development Ltd. (ACDL), entered into an agreement with the government of Vietnam to purchase 12 miles of undeveloped beachfront property outside Ho Chi Minh City to build and operate a world-class hotel. But, the USD 4.2 billion project entailed more than just the hotel itself—it also required a supporting infrastructure of water, energy, roads, and professional resources that was all but nonexistent.

"In a country like Vietnam you can't rely on the government electrical grid, which is prone to regular failure," said Henry Ngo, GST's senior vice president. "So you build your own generators, your own water treatment plants, your own everything." Platforms based on Intel® Xeon® processor E5 and E7 families and their low power



"The overall IT infrastructure, the hospitality, the gaming, all of it. None of it could have been achieved without the performance and power capabilities of Intel technology platforms."

—Henry Ngo,
Senior vice president, GST



Intel® Xeon® processors provided real-world savings

utilization and built-in controls provided real-world savings and an environment that could do more processing with less power and less cooling, essential in Vietnam's sometimes-unreliable power delivery system.

GST's involvement in the 5-year project began in March 2012 and was completed on time and on budget to meet the client's expectations. To run the entire property, developers relied on GST for end-to-end hardware, design, and integration, all of which utilized Intel architecture. GST provided everything from the endpoint: the desktops, laptops, servers, storage, network, switches, wireless, scanners, printers, and security systems.

Working in cooperation with Hewlett-Packard, GST helped design and configure all Intel Xeon processor-based systems to spec at its Cerritos, California, facility. The company then shipped more than 6 tons of hardware for deployment in Ba Ria, Vietnam. "Half of it involved enterprise mission-critical data equipment; all the endpoints and systems were handled through our partners in Vietnam," said Henry.

Synchronized Operations

GST's technology solution enables virtually every aspect of the luxury resort experience: in the lobby at check-in, the desktop computer at reception processes each guest's reservation, entering them into the system. Dining in any of the resort's nine restaurants, guest tabs are tracked electronically and receipts are printed by POS devices. In the casinos, guests' passports are scanned in so that they can gamble. Integrated GST systems also control the gaming environment, from slot machines to security cameras.

The Ho Tram Beach resort is designed to attract an especially high-flying clientele to an oasis of technology-driven luxury bordered by ocean and primeval forest.

"It's amazing to see this beautiful property that's sitting in the middle of nowhere," said Henry. "The overall IT infrastructure, the hospitality, the gaming, all of it. None of it could have been achieved without the performance and power capabilities of Intel technology platforms."

ABOUT GST

Golden Star Technology (GST) is a leading provider of IT solutions and services for small-to-midsize business, enterprise, government, and education. Based in Cerritos, California, GST strives to earn its role as each client's trusted adviser. Learn more at www.gstes.com or 800-833-0128.

For more information about how Intel® Xeon® processor-based solutions provide the performance and power capabilities for IT infrastructures, visit www.gstes.com

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