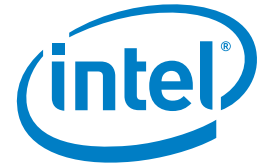


SUCCESS BRIEF

Intel® Xeon® Processor E7 Family
Enterprise Reliability
Retail



Keeping mission-critical data on the move

Intel® Xeon® processor E7 family underpins non-stop retail for SPAR



“The Intel® Xeon® processor E7 family strikes the balance between high performance, high availability and low total cost of ownership.”

László Tátrai,
Head of IT,
SPAR Magyarország

COMPANY

Established in 1989, SPAR Magyarország (SPAR Hungary) operates 389 stores as well as two logistics centers. There is a continuous flow of data between these locations relating to sales, inventory, delivery, warehouse, transportation and purchasing. This data is mission-critical.

CHALLENGE

SPAR IT is tasked with keeping this data secure and available 24/7, 365 days a year. The IT infrastructure behind it must be high performing, highly reliable and compatible with both internal and external IT systems. SPAR IT is continuously assessing the latest technologies available so that it meets these objectives while keeping costs as low as possible.

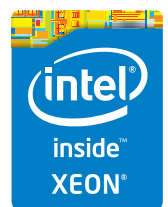
SOLUTION

Together with Intel, SPAR IT consolidated and refreshed its data center infrastructure. It rolled out HP ProLiant* DL 980 G7 servers running Intel® Xeon® processors E7 family and a Red Hat Linux* operating system. Intel® AES New Instructions (Intel® AES-NI), and Intel® Trusted Execution Technology (Intel® TXT) offer advanced data protection without compromising on performance, while Intel® QuickPath Interconnect (Intel® QPI) minimizes data traffic queues. For example, Machine Check Architecture Recovery (MCA Recovery) enables OS-assisted system recovery.

BENEFITS

The Intel Xeon processor E7 family offers superior performance, scalability, increased memory and I/O capability for mission-critical applications, while paving the way to a cloud infrastructure. Advanced reliability, availability, and serviceability (RAS) features minimize downtime, improving employee productivity and customer service, while hardware-assisted security capabilities help protect sensitive data. Combined, these individual benefits enable SPAR IT to meet its strategic goal of maintaining a high-performance and highly reliable IT infrastructure while keeping costs low.

Find the solution that's right for your organization. Contact your Intel representative, visit Intel's Business Success Stories for IT Managers (www.intel.co.uk/itcasestudies) or explore the Intel.co.uk IT Center (<http://www.intel.co.uk/itcenter>).



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Intel® AES-NI requires a computer system with an AES-NI enabled processor, as well as non-Intel software to execute the instructions in the correct sequence. AES-NI is available on select Intel® processors. For availability, consult your reseller or system manufacturer. For more information, see <http://software.intel.com/en-us/articles/intel-advanced-encryption-standard-instructions-aes-ni/>

No computer system can provide absolute security under all conditions. Intel® Trusted Execution Technology (Intel® TXT) requires a computer with Intel® Virtualization Technology, an Intel TXT-enabled processor, chipset, BIOS, Authenticated Code Modules and an Intel TXT-compatible measured launched environment (MLE). Intel TXT also requires the system to contain a TPM v1.s. For more information, visit <http://www.intel.com/technology/security>.

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