

# 7th Generation Pico Corvil Appliance Delivers Low-latency Financial Analytics

Pico is the leading provider of technology services for financial markets around the world. With lower network latencies and increasing message rates and trading volume in financial markets, Pico's Corvil Analytics appliances needed to deliver higher sustained throughput. Collaborating with Intel, Pico engineers and developers integrated the 3rd Generation Intel® Xeon® Scalable processors with Intel® Speed Select technology into their 7th generation Corvil 10000 appliance. Although the initial requirements of the market don't require it, Pico states that the new CPUs enhanced performance and latest features enable the Corvil 10000 to achieve 100 million packets per second throughput to support ever rising trading rates and Volume.

"On the initial port of the code, we measured a 40 percent increase<sup>1</sup> in our streaming packet processing engine—the core engine of the appliances. That was achieved with little specific tuning of the code to utilize the new capabilities.

**Donal O'Sullivan, Head of Product Management, Pico**

#### Products and Solutions

[3rd Generation Intel® Xeon® Scalable Processors](#)  
[Intel® Speed Select technology](#)

#### Industry

Financial Services

#### Organization Size

201– 500

#### Country

United States

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