



ENABLE THE NETWORK. POWER THE USER.



Paradigm Discovers Expand Networks as Natural Resource for Accelerating Oracle Applications over the WAN

Profile

A key provider of enterprise software solutions to the global oil and natural gas exploration and production industry, Paradigm has offices located in 22 countries, employing over 750 people in order to serve all major oil and gas producing regions around the world.

Across the globe, Paradigm™ software enables customers to locate new oil and natural gas reservoirs, optimize production from new and existing reservoirs and create dynamic digital models of the Earth's subsurface.

The Challenges

Having recently migrated to web based applications, high latency over the WAN and ineffective link utilization was causing application performance issues resulting in poor response times and remote user frustration. Specifically problematic was Oracle Financial in addition to BizDoc (ERP) and Pivotal (CRM) applications. Relying on these applications to perform critical business functions, Paradigm looked to WAN Optimization technology to address the problem.



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Haim Hershko-Yavor, Corporate IT Manager, Paradigm

"Paradigm is dependent on Oracle applications and without reliable performance in our remote offices, we simply can't do our work efficiently. This was of particular concern at peak periods of the year such as month or quarter end, as it had a heightened impact on the effectiveness of the business," said Haim Hershko-Yavor, Corporate IT Manager, Paradigm. "To address this we took the decision to deploy a WAN Optimization solution which could offer compression, acceleration and QoS functionality, however it was only the integrated technologies of the Compass platform that could answer our requirements."



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Applications

Oracle Applications, BizDoc, Pivotal

In Summary

- » **Integrated TCP Acceleration to address high latency and reliability of data transmission**
- » **Accelerated Oracle application performance to peaks of 6,500%**
- » **Increased business critical application response times and network acceleration several fold**
- » **Platform now in place to embrace future strategic initiatives such as server consolidation**

The Solution

Working closely with Ankor Systems, a value added reseller, the Expand Compass platform was deployed to optimise the WAN and improve the performance of its Oracle and other applications. Initially deployed at three remote locations which were experiencing the most difficulties, the Expand platform was immediately able to compress 8Mbps traffic flows onto 2Mbps WAN links thus avoiding WAN bottlenecks and contributing significantly to the performance of Oracle Applications traffic.

Integrated TCP Acceleration addressed the biggest issues at Paradigm of high latency and reliability of data transmission. Enabling this functionality, the Compass platform was able to fully utilise the links, accelerating the Oracle applications significantly resulting immediately in improved application performance and noticeable better response times for remote users. In addition, QoS gave control to Paradigm to enable real time priority to Oracle traffic to further enhance response times for its mission critical Oracle applications.

Benefits

With Compass deployed, the performance of all applications over the WAN were significantly improved, with acceleration of Oracle applications of 400%, and peak acceleration of up to 6,500%.

By implementing Compass to optimise the WAN, Paradigm has overcome its performance issues, most notably faster response times have improved the end-user experience and increased productivity at locations around the world.

"The optimization of the WAN and Oracle applications has improved end user performance and productivity at the respective remote sites and as a consequence, the Compass platform will be deployed at additional offices to achieve similar results," concluded Hershko-Yavor. "As we begin to consider other corporate IT strategic initiatives such as server consolidation, the Compass platform has shown it will be a valuable resource in supporting these future projects and mitigating additional costs."

Our Customers



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