



Edgenexus Load Balancer Case Study



velos-IT deploy Edgenexus ALB-X to eliminate downtime for their leading Oracle JD Edwards managed services, delivering a scalable, reliable and responsive service to clients.

EDGE NEXUS

CASE STUDY

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Company

Velos-IT

Industry

Information Technology

Challenges

Managing architectural changes within Oracle JDE, Maintaining highly available service provision, Increase network resilience, Scale services to meet demands of business growth

Solution

Edgenexus ALB-X VA

Why Edgenexus?

High application availability
Advanced features
Traffic management
Custom health checks
Price: performance

The result

Seamless scalability
Website resilience
Easy to deploy & maintain
Superb user experience

The Customer

velos-IT is an International IT company specialising in the provision of Managed and Professional Services within the Oracle ERP solutions arena including: E-Business Suite and JDE EnterpriseOne. JD Edwards is a business critical application for many of velos-IT's clients, as such it is imperative that users have constant and fast access whenever needed and that velos-IT deliver this standard 24/7.

The Challenge

Changes to the latest version of JD Edwards incurred a shift to web-based architecture, which prompted concerns for velos-IT over resilience and potential service disruptions.



"velos-IT is committed to delivering high quality, process focussed, flexible services. It became apparent to us that we needed to deploy a load balancing solution that would negate any potential service availability issues, presented to us in the new version of JD Edwards application. We had to be able to cluster the servers processing JD Edwards traffic and requests to maintain an exceptional quality of service." Chris Grier, Technical Director, velos-IT.



"Edgenexus offers the advanced functionality and resilience of other solutions but at a more cost effective price point."

Chris Grier, Technical Director, Velos-IT

Velos-IT Cluster Servers to add Resilience in Service Delivery

Velos-IT required a load balancing solution that would add resilience to the delivery of their JD Edwards application. They also wanted a solution that could scale with future growth and increased user adoption. Based on the nature of their service provision, a specific load balancing requirement that velos-IT also had was to maintain session persistence whereby each client's session sustains affinity with the same backend server. This is to guarantee a seamless and expedient end user experience. "Users must be able to reconnect and resume their sessions without disruption." Chris Grier, Technical Director, velos-IT. When looking for a solution, Technical Director Chris Grier reviewed the load balancing market for a pair of appliances. "We did look at competitive products such as F5 and Cisco but we were aware of the price tag associated with such brands." states Chris Grier, Technical Director, velos-IT. "We were pleased to find Edgenexus which offered us the advanced functionality and resilience of other solutions but at a more cost effective price point." Chris Grier, Technical Director, velos-IT.



"When clients ask us for advice on how to optimise and manage their JD Edwards deployment, we recommend Edgenexus with confidence."

Chris Grier, Technical Director, Velos-IT



The Solution | Velos-IT deploy Edgenexus ALB-X

Following a successful evaluation period, velos-IT deployed a pair of Edgenexus ALB-X devices in Active/Passive mode to enable a layer of fault tolerance. As a non-stop service provider, application availability is an absolute must for velos-IT. The ALB-X has layer7 load balancing, operating at the application protocol level for greater control in application delivery and enhanced performance and security. Since deployment, velos-IT has incurred no downtime and users experience an expedient and reliable service.

“Edgenexus represents superb value, providing us with advanced load balancing functionality, flexible control and outstanding network resilience, all at a cost effective price point. Whilst we have not undertaken any specific performance testing since deploying the ALB-X, features such as HTTP Compression, SSL Offload and Content Caching are included to optimise application delivery for an improved end user experience.” Chris Grier, Technical Director, velos-IT.

As a testament to the positive experience velos-IT have had with Edgenexus, Technical Director Chris Grier has recommended Edgenexus to other organisations. "velos-IT regularly attend Oracle user group meetings, trade shows, and events. When clients ask us for advice on how to optimise and manage their JD Edwards deployment, we recommend Edgenexus with confidence. Our ALB-X plays an essential role in maintaining reliable and optimised delivery of JD Edwards application to clients."

Forward Looking Statements

As Oracle continue to encourage users to upgrade to more recent versions of JD Edwards, organisations will increasingly face the same concerns over application fluency and reliability. Edgenexus offers application delivery control for JD Edwards, working to offload over burdened networks, optimise end user experience and increase network resiliency.



"Application availability and user satisfaction is imperative to our offering. Since deployment, our JD Edwards service has run without fault and users experience a seamless & reliable service."

Chris Grier, Technical Director, Velos-IT

About Edgenexus

The Edgenexus ALB-X offers powerful, feature-rich application delivery control and load balancing that enables users to deliver resilient and responsive services with granular control over application traffic. Featuring layer4-7 load balancing, advanced traffic management capabilities and optimisation features including SSL Offload, Content Caching and Compression, Edgenexus improves the performance, scalability and reliability of applications for a superb end user experience. With unprecedented ease of use, the Edgenexus ALB-X load balancer can be installed in a matter of minutes, with users only requiring a basic level of technical expertise to configure the product to meet their load balancing needs.

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