



# jetNEXUS Case Study

## VELOS IT



### Velos-IT Deploy jetNEXUS Load Balancers to Provide Resilient Service Delivery for JD Edwards Application

velos-IT specialise in the provision of managed and professional services within the Oracle ERP solutions arena. Following changes to Oracle's JD Edwards application architecture, velos-IT required a load balancing solution to ensure fast and reliable service delivery for their clients. Since deploying the ALB-X, velos-IT has eliminated downtime and improved network scalability and resilience.

### jetNEXUS ALB-X

- Load Balancing for JD Edwards
- Zero Downtime in Traffic Peaks
- Optimised Application Delivery
- Scalable and Secure Service
- Reduced Server Load



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

**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**

jetNEXUS ALB-X

**Benefits**

- Zero service downtime
- High application availability
- Increased scalability for future growth
- Improved customer service experience

**Who is velos-IT?**

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 | New JD Edwards' Architecture Prompts Load Balancer Requirement**

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.

**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.

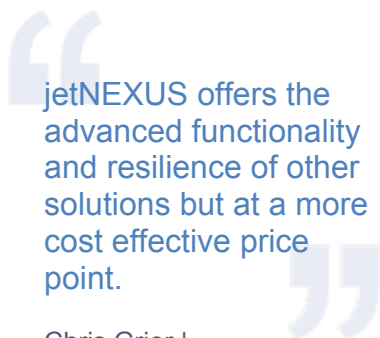
Based on the nature of their service provision, a specific load balancing requirement that velos-IT also had was to maintain session persistence whereby each client's session sustains affinity with the same backend server. This is to guarantee a seamless and expedient end user experience. "Users must 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 jetNEXUS 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.

**The Solution | Velos-IT deploy jetNEXUS ALB-X**

Following a successful evaluation period, velos-IT deployed a pair of jetNEXUS 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



jetNEXUS offers 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 jetNEXUS with confidence.”

Chris Grier |  
Technical Director |  
Velos-IT

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.

“jetNEXUS 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 jetNEXUS, Technical Director Chris Grier has recommended jetNEXUS 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 jetNEXUS 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.

jetNEXUS offers application delivery control for JD Edwards, working to offload over burdened networks, optimise end user experience and increase network resiliency.

### About velos-IT

velos-IT is an International Information Technology company that specialises in the provision of Managed and Professional Services within the Oracle ERP solutions arena including: E-Business Suite and JDE EnterpriseOne. With expertise across the entire technology stack, velos-IT offers a high quality, highly flexible service.

For more information please visit [www.velos-it.com](http://www.velos-it.com)

“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

#### jetNEXUS

**Tel:** +44 (0) 870 382 5050  
**Fax:** +44 (0) 870 382 5520

**Email:** [info@jetnexus.com](mailto:info@jetnexus.com)  
**Web:** [www.jetnexus.com](http://www.jetnexus.com)

jetNEXUS provide innovative, market leading solutions for application acceleration, load balancing and application delivery technology. jetNEXUS solutions improve the performance, scalability, reliability and manageability of applications. Our product portfolio is accessible to a wide and varied client base, ranging from simple, cost effectively focused solutions to Enterprise-grade application delivery controllers.