

# Optimizing Oracle Applications Performance Over the WAN

- **Get 300-500% acceleration of Oracle with peaks of 1,500%**
- **Keep users satisfied and productive**
- **Get consistent, predictable performance for all users**
- **Avoid unnecessary and costly network upgrades**

## Expand enhances Oracle with:

- Up to 1,500% acceleration
- Throughput: get 8Mbps over a 2Mbps link
- QoS to protect Oracle Applications and their priority on the network

## The Business Issue

Oracle Applications 11i leverages internet technologies which are essential for today's economy and corporate regulations. However, deployment of these technologies often requires an adjustment of the network infrastructure to ensure end-user productivity. Expand Networks is a market leader in accelerating Oracle Applications over the WAN, providing the response time and end-user experience required by enterprises.

## The IT Challenge

- The Oracle Applications 11i graphical user interface (GUI) downloads dozens of 100-500KB Java Applets over the particularly chatty and latency-prone HTTP
- Login process takes minutes and temporarily consume most desktop resources

- Weekly Applet updates are blindly transferred to all work stations, causing network congestion and impacting end-user productivity

## The Solution

Expand Network's Compass platform provides a unique solution that accelerates Oracle Applications over the WAN leveraging multiple technologies:

- Compression – 8 Mbps of traffic can reliably be sent over a 2 Mbps link
- Acceleration – Accelerate Oracle Application an average of 500% with peaks of 6,500%
- QoS – Ensure that when Oracle Applications are the highest priority for your business, that they will be the highest priority for your network

## The Results

The following graphs document the real-world improvements in bandwidth consumption and acceleration provided by Compass for Oracle Applications. These examples were from a real enterprise which had performance issues when deploying to its remote sites.

## The Business Impact

A Compass solution for Oracle Applications, as documented by the real-world report graphs, will significantly improve usable bandwidth on the WAN link (8 Mbps on a 2 Mbps link) as well as application acceleration (300% - 500% on average and 1,500% - 6,500% in peak situations). These optimizations mean improved end-user experience and productivity at the remote site, as well as future cost mitigation, avoiding unnecessary and costly future bandwidth upgrades.

