

Accelerating SSA Baan ERP Over the WAN

- Tune for productivity with **2,500% acceleration for SSA Baan ERP**
- Ensure that remote users are as productive as local users
- Maintain agility with consistent, predictable performance over the WAN

Compass enhances SSA Baan with:

- Up to 2,500% SSA Baan ERP acceleration over the WAN
- Up to 5,000% acceleration for SSA Baan ERP over the web
- QoS to protect SSA Baan performance
- Protocol acceleration to speed larger transfers over the WAN
- Transparency to simplify infrastructure integration

The Mandate

Success depends on keeping pace with change and responding to customer demand. Such an agile order seems to align well with the distributed workforce, positioned to best serve global economies.

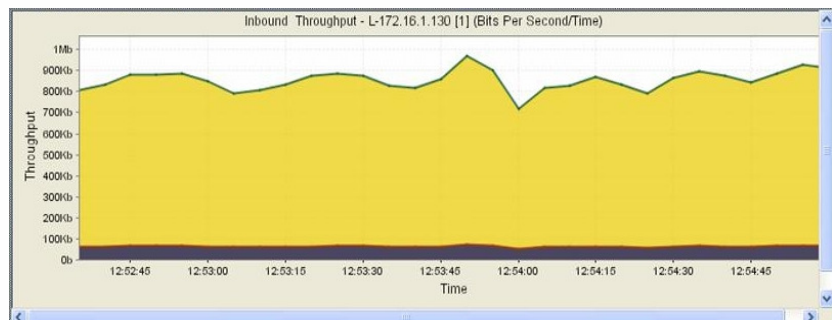
The application running the business – the Enterprise Resource Planning (ERP) application – needs to perform well for all users. Just as the business uses the most agile and flexible tools to manage resources, the tools themselves – SSA Baan ERP – must be flexible in their distribution options and robust in their performance. Only then will end users really be productive with SSA Baan ERP.

The Challenge

While SSA Baan ERP has been the solution that meets the needs of complicated business environments, moving towards consolidation, or even “single instance” cost savings, is not always possible over the WAN.

To start, today’s enterprise WANs, though carrying more capacity than WANs a few years back, are still very thin when compared to the carrying capacity of the LAN. It is not a question of “if” congestion will happen but “when” and “how often”. Congestion, if unchecked, always leads to application slow down, and often application unavailability. Either way, productivity will go down. In fact, newer web-based versions of SSA Baan are even heavier on the WAN.

In addition to congestion, distance, among other things, means latency on the WAN. Latency is the application performance killer that does not go away simply by adding more bandwidth. Though flexible in its application functionality, without additional optimization, SSA Baan ERP performance to the remote user may be lacking.



Usable throughput consistently over 800 Kbps on a 64 Kbps link.

The Solution

When WAN congestion makes flexible application suite perform poorly, Expand's Compass technology is precisely the solution fit for the challenge. Reliably accelerating throughput on average by 600% transparently (with frequent peaks near 2,500%), congestion will be all but removed from the equation, without any changes to the client or server.

To completely remove congestion as an issue, Compass' easy to use QoS will make sure that what is important to the business is also important to the network. SSA Baan ERP will not be slowed, or flat out disconnected, as a result of other traffic sharing the WAN link. In addition, Compass' TCP protocol acceleration will help speed those larger transfers. This kind of acceleration goes a long way combat the ill effects of latency on application performance.

Taking this already valuable solution to the next level, Compass has a special Baan plug-in technology to further optimize the traffic. This technology allows on average 50% more user sessions on the same bandwidth. More sophisticated than data reduction and compression technique, this application specific optimization actually multiplexes SSA Baan sessions together temporarily for transport over the WAN.

Transparently integrated into the SSA Baan ERP application infrastructure, Expand's Compass platform ensures that the flexibility of this application is accompanied with robust performance for the remote user. By avoiding the WAN performance pitfalls of congestion and latency, productivity will move from being 'nice to have' to a 'given' for the remote SSA Baan ERP users.

SSA Baan ERP Optimized with Compass		
Part of SSA Baan ERP	Average Acceleration	Peak Acceleration
Classic Graphical UI	800%	1,500%
Newer Web UI	1,000%	5,000%
Printing	600%	1,200%
Overall	600%	2,500%