NOTICE: New Product Names

The contents of this asset do not reflect our recent product name changes. Here are the new Riverbed® names:

<table>
<thead>
<tr>
<th>Old Names</th>
<th>New Names</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steelhead</td>
<td>SteelHead™</td>
</tr>
<tr>
<td>RPM, OPNET, Cascade</td>
<td>SteelCentral™</td>
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<tr>
<td>Stingray</td>
<td>SteelApp™</td>
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<tr>
<td>Granite</td>
<td>SteelFusion™</td>
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<tr>
<td>Flyscript</td>
<td>SteelScript™</td>
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<tr>
<td>Whitewater</td>
<td>SteelStore™</td>
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CASE STUDY

Riverbed Technology boosts application performance and reduces costs for engineering company

Aurecon provides engineering, management and specialist technical services for government and private sector clients globally. The group, with an office network extending across 23 countries, has been involved in projects in more than 70 countries across Africa, Asia Pacific and the Middle East. Formed through the merger of three leading engineering consultancies, Africon, Connell Wagner and Ninham Shand, in March 2009, Aurecon employs over 6,000 professionals who offer in-depth local market knowledge combined with international expertise across six key market sectors: Community Development & Infrastructure, Mining & Industrial, Transport, Property, Energy and Water.

Challenge: To increase bandwidth capacity, consolidate servers and improve employee productivity

Aurecon had centralized a key financial application, BST Enterprise, to its data centers in South Africa and Australia, but employees in the rest of the world were struggling to access the application over the wide area network (WAN), because of limited bandwidth capacity.

“We were so confident that the Riverbed solution would work that we decided not to test it.”

Solution: Riverbed WAN optimization solution boosts application performance

After researching possible solutions to the bandwidth challenge, Aurecon decided that WAN optimization offered the most cost-effective solution. Two potential vendors were considered: Cisco and Riverbed Technology. “After extensive research, supported by conversations with existing Riverbed® customers, Aurecon was convinced that the Riverbed solution offered the best fit for its requirements. “We were so confident that the Riverbed solution would work that we decided not to test it; we just placed an order and installed the technology when it arrived – and we were correct to be confident. We saw an immediate improvement in the time taken to access the finance application,” recalls Putter.

Benefits: Employees experience fast access to data while Aurecon completes its IT consolidation project

Aurecon has deployed 80 Riverbed Steelhead® appliances worldwide and the Riverbed Services Platform (RSP) at 35 offices across Africa and the Middle East, and the Steelhead Mobile client software to its 2000 mobile workers. “Total WAN data traffic has been reduced by almost 60%, easing network congestion and application performance is now much faster. The reaction from employees has been very positive,” notes Putter.
CASE STUDY: Aurecon

With Steelhead Mobile, the company’s mobile workers can now access centralized files and applications quickly, enabling them to work more flexibly and effectively. Steelhead Mobile gives mobile workers LAN-like access to corporate files and applications no matter where they are, greatly improving productivity. “Around one third of our workforce is mobile, so it was important that we found a solution that could cater for our remote workers,” comments Putter.

Deploying Riverbed has also enabled Aurecon to complete its Exchange server consolidation program, removing 35 local Exchange servers from its network. This has helped the company reduce costs even further, and reduce demand for IT management and maintenance. The use of the Riverbed Services Platform (RSP) has enabled branch offices to run Domain Controller, DNS and DHCP services without the need for additional IT infrastructure – another cost-saving initiative, as the RSP enables organizations to deploy edge services virtually to a number of its branch offices, without having to deploy and maintain full-blown servers to run the applications.

Aurecon also installed the Central Management Console (CMC) at its data centers in South Africa and Australia. The CMC simplifies the process of deploying, configuring, monitoring, and managing Steelhead appliances distributed across a WAN through a single web-based interface.

“The suite of Riverbed solutions has transformed our business. Purchasing additional bandwidth would have been two thirds more expensive compared to the Riverbed support costs. We’ve also been able to reduce our costs through consolidation and we can now plan strategic deployments that will add business value to Aurecon,” concludes Putter.

Future plans
After successfully centralizing its Exchange application, Aurecon is now planning to introduce a centralized document management solution. The company is also running a proof of concept on Riverbed Cascade®, a cost-effective, easy-to-deploy solution for network and application visibility.

SUMMARY

Aurecon’s employees rely on the company’s WAN for file sharing and web-based applications. Bandwidth issues resulted in poor application performance and also prevented Aurecon from completing a program to centralize its Exchange servers. By deploying Riverbed, Aurecon experienced almost a 60% reduction, application performance improved, employee productivity increased, cost savings were made, and a major server consolidation program was completed.