

# Solid IT Infrastructure Engineered for Aurecon

Global engineering, management and specialist technical services group, Aurecon, leads with first Vblock implementation in South Africa.

**Customer Name:** Aurecon

**Industry:** Engineering

**Location:** South Africa

**Company Size:** 7000 + employees

## Business Impacts

- Accelerated time to market for new business services
- Increased business efficiencies with on-demand infrastructure
- Ability to process gigantic volumes of data



## Case Study

### Business Challenge

Aurecon provides engineering, management and specialist technical services to 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.

Aurecon's South African operations decided to consolidate multiple offices with distributed IT systems from different vendors into two greenfield sites in Tshwane and Cape Town. Aurecon, in conjunction with Cisco partner Business Connexion, created a roadmap for a centralized IT data center platform. The platform needed to support high-speed connectivity to the data center and the movement of large data files, such as drawings and high-definition photographic images, for surveying purposes. Aurecon wanted seamless migration of their users to the new centralized data center platform, as any disruption to business operations could result in major loss in revenue.

### Solution and Results

Aurecon opted for Vblock™ Infrastructure Platforms from VCE, the Virtual Computing Environment Company formed by Cisco and EMC, with investments from VMware and Intel. The Vblock solution includes Cisco Nexus® switches and

Cisco Unified Computing System™. Aurecon is now equipped with a single platform that combines compute, network, storage, virtualization, and network management technologies, enabling them to dramatically improve IT's responsiveness to rapidly changing business demands.

Aurecon's new automated infrastructure makes their relatively small IT department more efficient, enabling very quick deployment of new business applications, operating systems, and technology updates. Unified management, as well as Vblock's single support group from Cisco, VMware, and EMC, gives the IT team more time to focus on other core initiatives.

In addition to the IT team, Aurecon's other employees are also benefitting from increased productivity with high-speed, anywhere connectivity to business-critical applications in the data center. Because Cisco Nexus switches provide unified fabric and 10 Gigabit Ethernet networking, Aurecon staff can also move data-intensive files at high speeds.

The agile infrastructure has allowed Aurecon to implement the Cisco® IP Video Surveillance solution to enable central management of physical security at three offices. The video surveillance solution provides real-time access to physical security video and data.

### Partner Profile

Business Connexion (Pty) Ltd, is a black-empowered integrator of innovative business solutions based on information and communications technology.

“As consultants, we apply the highest standards when working with our clients; we expect the same from our IT infrastructure. With our new unified platform, we can now save on operational expenses, while increasing the productivity levels of staff.”

Johann Putter  
Corporate Manager Information Services Africa Middle East, Aurecon

### For more information:

- To find out more about Cisco UCS™, visit: <http://www.cisco.com/go/ucs>
- For more about Vblock, visit: <http://www.vce.com/solutions/vblock>
- For more about Business Connexion, visit: <http://www.bcx.co.za>
- For more about Aurecon, visit: <http://www.aurecon.co.za>