



Palerang council is committed to sustainable IT and business practices that deliver both ecological and economic benefits to its stakeholders. OSS Infotech's delivered assessment; optimisation and virtualisation will help Palerang reduce greenhouse gases attributable to energy usage of their IT infrastructure. *"As a result of our relationship with OSS Infotech, there is now a great deal of forward planning and strategy applied to our IT systems. We are well aware of exactly where we are today and we have a clear view of where we want to be in the future. OSS Infotech were mindful of our commitment to improve efficiencies reduce cost and minimise Greenhouse Gases and delivered a flexible solution that met these objectives whilst also enabling us to better support the business of council."*

Theodore Mihaelidis  
Information Services Coordinator (Palerang Council)

### About Palerang Council

Palerang Council in south-east New South Wales, Australia with population of more than 13,500 residents located in area of 5,144 square kilometres. The new Council was proclaimed on 11 February 2004. Its local government area includes the towns of Braidwood, Bungendore and Captains Flat and the outlying villages of Araluen, Majors Creek, Mongarlowe and Nerriga.

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### Business Challenge

Palerang Council, a very young council, wanted to improve and streamline its IT network infrastructure to be inline with the latest technologies available in market. Palerang Council was running a very rigid IT infrastructure with physical servers running on Windows 2003 platform and there was no monitoring system to manage these servers. Council also wanted to consolidate, virtualise and address power consumption by its ICT infrastructure to reduce its carbon footprint.

The challenges at Palerang Council for meeting its environmental responsibilities bring into focus the need for ICT plans to address environmental issues proactively to reduce greenhouse gas emissions within the ICT function itself, but also to deploy ICT services that will avoid greenhouse gas emissions in the course of normal council operations.

### Solutions

OSS Infotech reviewed and advised Palerang council to

1. Move physical servers to Virtual on Windows 2003 servers using VMware® ESXi server.
2. Introduced Citrix® XenApp™ and Appsdel to deploy applications using Citrix Technologies for remote access users
3. OpManager® offers an integrated view of your entire network by providing a single view of your networks, systems and applications





### OSS Infotech provided these services

- Consultation, review and management of the project
- Migration of physical server to virtual server
- Implementation and Testing after the project delivery
- Introduced Citrix XenApp 5 and Appsdel to deploy applications using Citrix Technologies

*“Palerang Council has enhanced its technology management, improved systems and network performance and cost efficiency, and clarified its strategic priorities as a result of a new partnership with OSS Infotech. Use of these innovative technologies and practices will lead to important reductions in Greenhouse Gases (GHG) emissions and cost savings for the Palerang Council”*

*James Phoon  
Technical Services Manager  
OSS Infotech*

### Technologies implemented at the Palerang Council after the review of IT infrastructure

1. VMware ESXi server - VMware ESXi is a “bare-metal” hypervisor, meaning it is installed directly on top of the physical server and partition it into multiple virtual machines that can run simultaneously, sharing the physical resources of the underlying server. Virtualization is a proven software technology that is rapidly transforming the IT landscape and fundamentally changing the way that people compute and reduce energy consumption.
2. Citrix® XenApp™ - Citrix XenApp™ is a Windows application delivery system that manages applications in the datacenter and delivers them as an on-demand service to users anywhere. XenApp revolutionizes Windows application deployment by delivering any application as a centralized on-demand service.
3. Appsdel – This is a OSS Infotech’s in-house developed application to help the application delivery for the Palerang Council. Application Delivery (Appsdel) is desktop management solution that allows companies to manage workstations. Application Delivery uses policy-driven automation to decrease administrative burdens and increase enterprise wide business efficiency.
4. OpManager® - OpManager® application offers an integrated view of the entire network by providing a single view of the networks, systems and applications. It helps in *resolving network outages and troubleshoots performance problems.*

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### Benefits to Palerang Council due to Virtualization and implementation of Citrix® XenApp™ and Appsdel

#### Reduces cost

- Reduces the need to invest in additional hardware
- get more out of your IT investment through better utilisation of resources

#### Faster response to business demands

- Simplified management
- Support changing business policies and priorities easily
- Minimises technology risk

#### Reduction in energy usage

- Virtualization will optimise the reduction in energy usage thus reduction in Greenhouse Gases (GHG) emissions

#### Security

- Virtual Rights Management technology provides improved accountability and auditability of mobile and remote users

#### Dynamic application delivery

- Automatically determines the most optimal method for delivering applications to users.

### About OSS Infotech

OSS Infotech Pty Ltd is an Australian owned company, providing end-to-end IT solutions since 1999. Clients are supported in achieving their business goals in infrastructure, database management, integration, application, on-line access & portal solutions. The company continuously supports its customers and our client portfolio includes large, medium and small organizations including councils, government departments and commercial businesses.

For more information, please visit our websites at [www.ossinfotech.com.au](http://www.ossinfotech.com.au)



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