



MIMOS Cloud Infrastructure Platform (Mi-Cloud)

Cloud computing has become commonplace in the industry and many SMEs are turning to this solution as a way to conserve resources spent investing in IT infrastructure and related services. MIMOS Mi-Cloud allows corporations to build and offer infrastructure such as computing space and power over the Internet to end users.

Overview

MIMOS Mi-Cloud is a cloud infrastructure platform that is non-dependent on any specific cloud hardware or software. It allows complimentary infrastructure to be offered to end users over the Internet in a simple and flexible way minus capital expenditure and leverages on existing operational expenditure.

Features

Mi-Cloud comprises the following features:

- **Open and Neutral Architecture**
Mi-Cloud is built on open source software thereby reducing the total cost of ownership via cost-effective licensing. Mi-Cloud can be integrated with MIMOS Mi-Trust, a security technology to protect both Virtual Machine (VM) and cloud infrastructure.
- **Comprehensive Management Modules**
Mi-Cloud features comprehensive management modules to manage virtual machines (VM), networks, storages, users, images and resources. Key activities are also captured in the Audit Trail module.
- **Total Service Orchestration Suite**
Mi-Cloud's modular design allows easy integration with other systems thus enabling customisation by service providers. Cloud health is monitored via cloud health analytics.
- **Hardware Agnostics**
The non-dependency of Mi-Cloud on specific enterprise hardware adds flexibility in deployment, maximises value and reduces risk via a multi-vendor scenario.

Technology Benefits

The main impacts of Mi-Cloud are:

- **On-Demand IT Infrastructure**
Mi-Cloud allows corporations to offer IT infrastructure to end users on a subscription-based as-need basis over the Internet.
- **Virtualisation of Physical Hardware**
The dependency on physical servers and costly hardware and related software are reduced via virtual hardware whose resources are self-managed and optimised.
- **Monitored and Protected Virtual Resources**
Mi-Cloud provides security over the cloud, and monitoring and protection of the integrity of the virtual resources.

Technology Summary

Mi-Cloud

A cloud infrastructure platform that allows virtualisation of physical hardware.

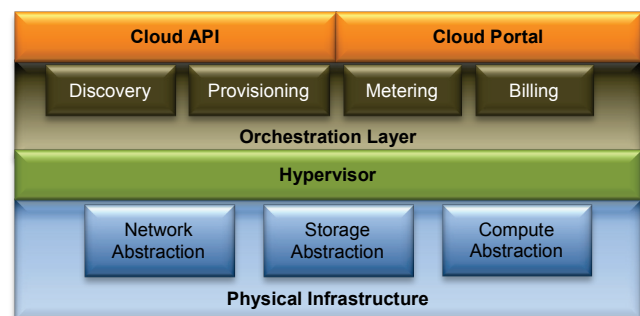
Industries: Enterprise, Government

Features

- Open and neutral architecture
- Comprehensive management modules
- Total service orchestration suite
- Hardware agnostics

Technology Benefits

- On-demand IT infrastructure
- Virtualisation of physical hardware
- Monitored and protected virtual resources



MIMOS Mi-Cloud system architecture

System Requirements

Mi-Cloud	
Front-End Machine Requirements	
Processor(s)	AMD/Intel® Processor X86-64 Architecture 2GHz or higher
Memory	Minimum 4GB of memory
Disk Storage	Minimum 100GB of hard disk space
Network	2 x Gigabit network interface card
Cluster Node Machine Requirements	
Processor(s)	AMD/Intel Multi-Core Processor with virtualisation technology X86-64 Architecture 2GHz or higher
Memory	Minimum 8GB of memory
Disk Storage	Minimum 500GB of hard disk space
Network	1 x Gigabit network interface card
Network Switch Requirements	
Switch	2 x Gigabit L2 switch
Operating System Requirements	
Operating System	Ubuntu® 12.04 LTS
Kernel	2.6.31 64-bit

MIMOS is the leader in ICT innovations, pioneering new market creations for partners through patentable technologies for economic growth. For more information on MIMOS technologies, contact fnsb@mimos.my or market@mimos.my or go to www.mimos.my.



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