Oracle Cloud Platform: Built for Enterprise

MDSL

Expense Management SaaS Provider Moves Infrastructure to the Cloud

MDSL – formerly Telesoft, headquartered in Phoenix, Arizona – is an expense management SaaS provider that has hosted customers on their own infrastructure for over a decade. After looking closely at several cloud providers, MDSL decided to move their infrastructure to Oracle Cloud Infrastructure.

Moving to the cloud

In January, MDSL began exploring options to re-platform their services on the public cloud and retire their existing data center. They opened discussions with several providers, and tested a competing cloud provider. They concluded Oracle BMCS provided the best price-for-performance.

"It was hard to get engagement and personal attention from some cloud providers," said Thierry Zerbib, Chief Technology Officer, MDSL. "However, Oracle engaged with us directly, and partnered with us to execute a successful proof of concept, and worked with us right through to the final solution. The momentum continued as we moved quickly into production."

DenseIO instances give the database room to grow

Each MDSL customer solution is hosted on a set of independent VMs in an isolated network, backed by a central 2-Node Oracle RAC database. The database consists of two bare metal servers running Oracle Linux 6.8 and Oracle 12c Enterprise Edition Extreme Performance in a RAC configuration with direct-attached shared storage. The cluster ensures high availability through automatic failover.

DenseIO bare metal compute instances provide MDSL with room for the database to grow, while the solution design makes it easy to add new VMs for new customers as the company continues to grow.

MDSL was able to achieve the performance, reliability, and uptime they needed.

"This application is our business – and we were able to move it Oracle Cloud Infrastructure because they provided performance and availability superior to our own data center," said Thierry Zerbib, Chief Architect at MDSL, "We were able to get out of the data center infrastructure management business."
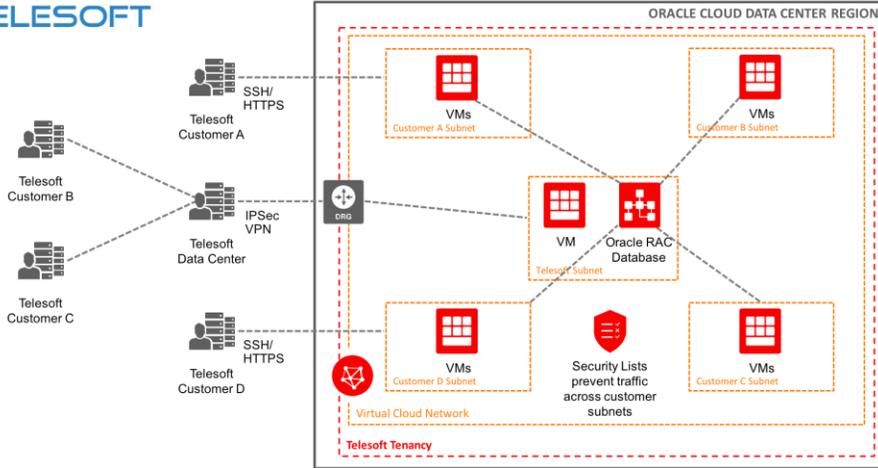

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- Thierry Zerbib
Chief Architect, MDSL

WHY ORACLE?

- Best cloud platform for MDSL's mission-critical SaaS application using Oracle Database
- High availability provided by Oracle RAC running on bare metal servers
- Most cost-effective cloud solution
- Met compliance needs
- Simple, clear pricing with support included at no additional cost

TELESOFT

ORACLE CLOUD DATA CENTER REGION

SSH/HTTPS
Telesoft Customer A

Telesoft Customer B

IPSec VPN
Telesoft Data Center

Telesoft Customer C

SSH/HTTPS
Telesoft Customer D

DRG

VMs
Customer A Subnet

VMs
Customer B Subnet

VM

Oracle RAC Database
Telesoft Subnet

VMs
Customer D Subnet

Security Lists prevent traffic across customer subnets

VMs
Customer C Subnet

Virtual Cloud Network

Telesoft Tenancy

About MDSL

MDSL is a leading provider of technology expense and mobility management solutions to global enterprises. MDSL Connect—an industry leading cloud-based software platform—enables customer organizations to drive savings and provides a versatile toolset for on-going management through a single, innovative interface. Enterprise customers utilize Connect to manage technology expenses across mobile, cloud and IP / fixed footprints as well as usage, IT inventory, expense validation, cost reporting and financial system integration. Today, MDSL serves over 200 enterprise and government clients representing billions of dollars of spend in the most complex, challenging and advanced enterprise environments in the world.

ORACLE

Integrated Cloud Applications & Platform Services