



Vermeer Compass Identity Management



Type: System Integrator/Oracle
Technology Specialist
Founded: 1982
Locations: West Des Moines, IA;
Minneapolis, MN;
Portland, OR
Public/Private: Privately held
Geography: North America
URL: www.zirous.com

Zirous is a privately held company specializing in Oracle sales, development, implementation and integration. Zirous has extensive experience with private companies and public organizations throughout the country.

Technology

Stack:
Oracle Database 10g,
Oracle Internet Directory
Oracle Portal 10g
OC4J 10g
Oracle Access Manager
High Availability configuration for all
components
Load Balancers
Solaris

Vermeer Corporation is a leading equipment manufacturer for agricultural, construction, environmental, and industrial equipment helping build tomorrow's future. Zirous and Oracle Identity Management have enabled Vermeer to improve the manageability and security of its web presence.

Partner Solution for Vermeer Corporation

Vermeer Corporation, a leading agricultural, construction, environmental and industrial equipment manufacturing company, has been providing the world with industry leading equipment since 1948.

Zirous and Vermeer Corporation implemented Oracle Access Manager (OAM) to provide for Single Sign On for their web applications, as well as Delegated Administration Services (DAS) for their dealerships.

The bulk of the OAM implementation time was spent customizing the OAM installation for Vermeer business requirements. In production from October 2007 with 2,000-3,000 initial users, it is expected to grow at the rate of several hundred additional users per month.

Solution Details

Before partnering with Zirous for the installation of OAM, Vermeer Manufacturing only had Single Sign On capability for their Oracle applications and did not have DAS. Dealerships previously had to call Vermeer employees to have users added, modified, or deleted, which created additional work and expense for both the dealership and Vermeer personnel.

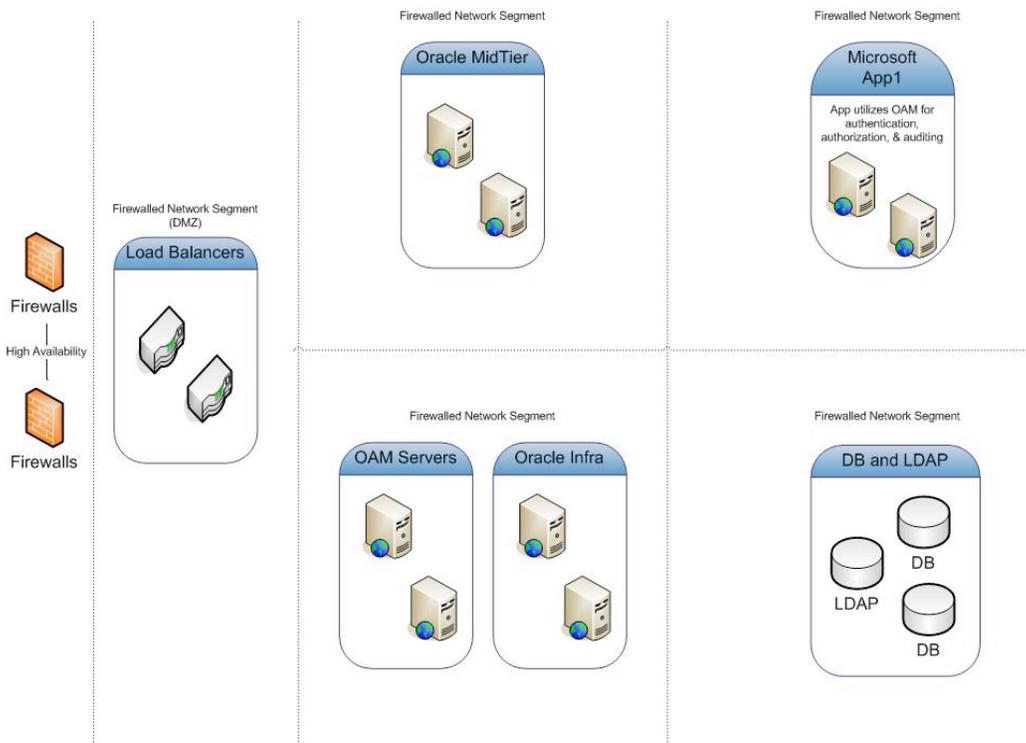
In order to give DAS and Single Sign On (SSO) abilities to Vermeer's web presence, while keeping the business functions scalable and available, Zirous architected an Oracle Access Manager High Availability solution.

Oracle Access Manager allows Vermeer's users, IT systems, partners, and customers to log in once and gain access to a broad range of IT resources. Oracle Access Manager provides Vermeer an identity management and access control system that is shared by all applications, resulting in a centralized and automated SSO solution for managing who has access to what information across their entire IT infrastructure. Typical enterprise infrastructures have identity management and access control systems created in every web application, which is inefficient and harder to administer.

The highly available Oracle Access Manager servers were configured in a primary/secondary relationship. One server was configured as the primary server for the Access Server and primary for the Identity Server. The other was configured the opposite of the first. This configuration will ensure the Access and Identity Servers will always be available for the web applications and conforms to Vermeer's policy of not having a single point of failure.

From a security perspective, all OAM traffic utilizes industry standard encryption methods as well as direct integration into the existing Oracle Application Server technology to minimize impact on existing Oracle applications. Applications outside of the Oracle stack also were configured to utilize the OAM authentication, authorization, and auditing capabilities. OAM can be used as the single identity management and access control system for all web applications, whether written in Java, ASP.NET, PHP, or any other web language.

Oracle Application Server and Oracle Access Manager High Availability Architecture



"Zirous has partnered with Oracle Corporation since 1992 to help clients solve business problems. As Zirous and Vermeer Manufacturing worked to define a solution to increase security and employee productivity supporting Vermeer's web presence, it became clear that Oracle Access Manager was the critical technology for the success of the project."

Mike McDermott
Chief Executive Officer
Zirous