



State of Iowa Judicial Branch Grid Control



zirus

Type: System Integrator/Oracle
Technology Specialist
Founded: 1982
Location: West Des Moines, Iowa
Public/Private: Privately held
Size: 60 employees
Geography: North America
URL: www.zirus.com

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

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Customer Solution
Briefs here:**

<http://www.zirus.com/ourwork>

Technology

Stack:

**Oracle 10g Enterprise Manager
Application Server Control Console
Oracle Database 10g Grid Repository
Oracle Grid Agent 10.2.0.3
Red Hat 4.0**

Monitored Environments:

Clustered Oracle 10gR2 Webcache servers
Clustered Oracle 10gR2 Middle Tier
Application Servers
Oracle 10gR2 Infrastructure Server
Oracle Database 10g
Oracle Database 10g RAC
Oracle Internet Directory (OID) 10g
Oracle Portal 10g
Oracle Grid Agents 10.2.0.3.0
10.2.0.1
10.1.0.4.1
Red Hat 2.1

Partner Solution for Judicial Branch of the State of Iowa

The Judicial Branch of the State of Iowa requested Zirus to install and configure Oracle's Grid Control to help monitor and manage the ICIS2 application. ICIS2 is deployed in a cached and clustered environment making Portal, OC4J and Reports highly available to all 2500 users. With this dependency there was a need to more closely monitor the availability and performance of the system and provide for a more detailed look at historical trends with the ICIS2 application and its usage.

Solution Details:

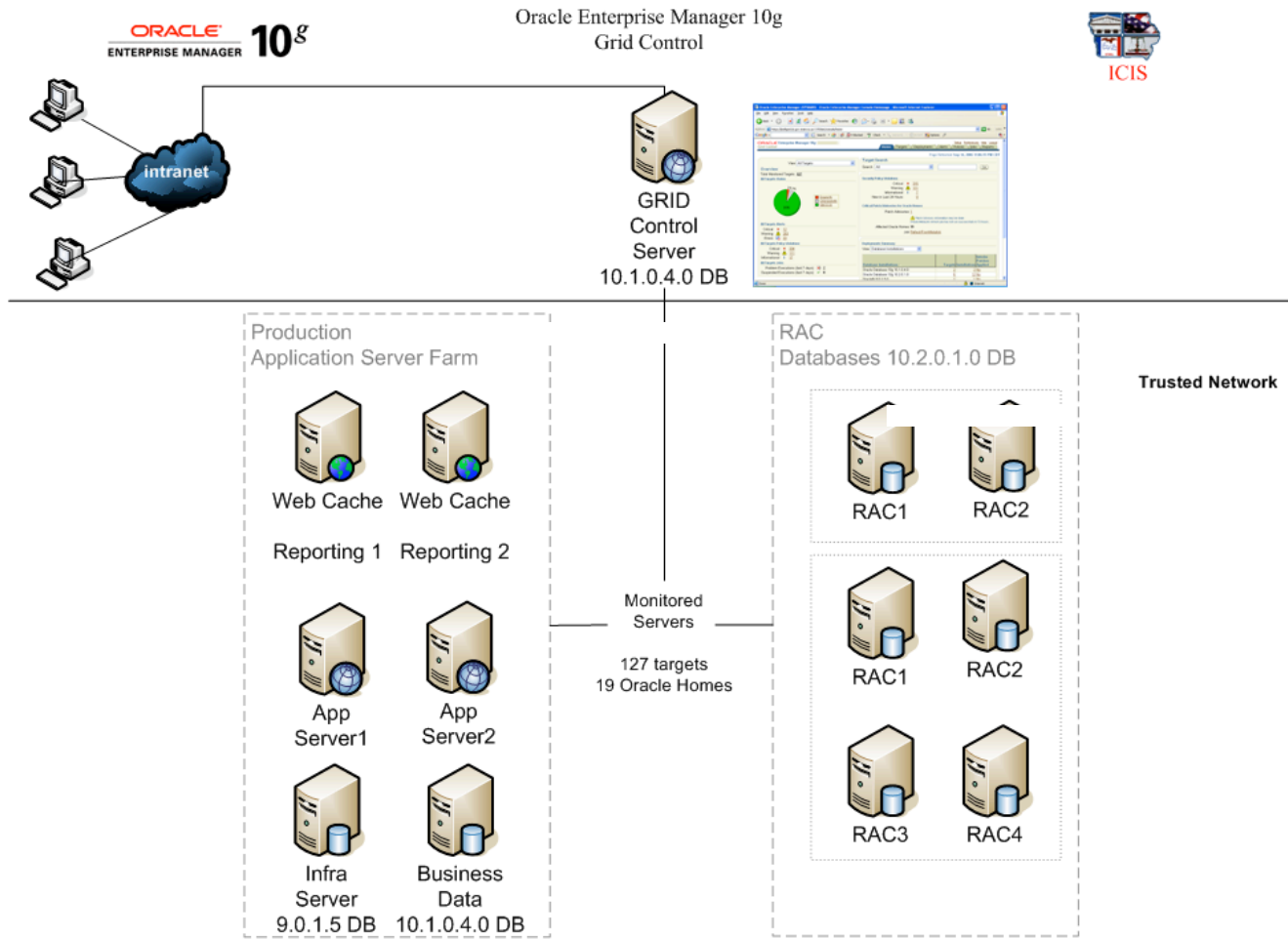
Zirus provided the States technical staff with guidance on OS information for the Oracle Grid Controls needs and then assisted in the installation and configuration of Oracle Grid Control and the Oracle Application Server Diagnostics Packs. The configuration also contained analyzing, implementing, monitoring and customizing alerts that notify administrators of pending or actual problems. Currently the Grid environment monitors 127 targets on 19 Oracle Homes spread over 13 servers.

The Grid Control Console monitors the following ICIS2 environments:

- Oracle 10gAS Infrastructure server environment.
- Oracle 10g Database for Central User Information
- Clustered Webcache servers that also house Reporting applications and Oracle Reports servers.
- Clustered 10g Application Servers housing the ICIS2 application.
- Hardware and software information for all monitored servers
- Two RAC database environments
- Oracle Grid Control server



The following diagram depicts a high-level view of the architecture in place for ICIS Grid Control:



ORACLE FUSION MIDDLEWARE



"Zirus has partnered with the Oracle Corporation since 1992 to work with clients to solve business problems. As the market leader of database technology and a pioneer in producing products designed to deliver browser-based applications, Oracle Corporation was a logical choice as a technology platform for the re-engineered ICIS2."

-Mike McDermott, Chief Executive Officer, Zirus