



SYSCON JUSTICE SYSTEMS
Richmond, BC
www.syscon.net

INDUSTRY:
Public Sector

ANNUAL REVENUE:
Privately Held

EMPLOYEES:
140

ORACLE PRODUCTS AND SERVICES:
Oracle Database
Oracle Database Real Application Clusters
Oracle Application Server
Oracle Discoverer

- KEY BENEFITS:**
- Highly scalable, secure and reliable database platform with lowest TCO
 - Reduced database administration due to automatic workload management and improved backup/recovery
 - Improved Risk Management capabilities for the clients

Syscon Deploys World's Largest Offender Management System on Oracle Technology Platform

"Oracle middleware platform combined with the strength of the Oracle database allowed us to deploy highly scalable, secure, maintainable and the world's largest offender management solution for our clients with lowest total cost of ownership" – Ron Payne, Vice President - Product Management, Syscon Justice Systems

Syscon Justice Systems, the world's leading provider of offender management solutions. Serving the corrections industry for over 28 years, Syscon Justice Systems help manage offenders in some of the largest prisons and jails in the country and around the world with their flagship offender management applications. The Syscon Elite Offender Management System (OMS), Syscon Elite Jail Management System (JMS), Syscon Elite Electronic Health Records (EHR) and Syscon Exact Offender Financials combine dramatically improved data entry capabilities and broad operational functionality with the industry's most advanced business intelligence capabilities.

Offender management system applications are mission critical to the successful administration of the prison population, managing enormous amounts of offender data at any given time, including intake, sentence and medical records, financial transactions and graphical data such as photographs. It is always a challenge to store, retrieve and manipulate data in a secure fashion on such a large scale without adversely affecting system performance. Cost conscious correctional agencies demand that the offender management systems be more affordable, web-based, and with low initial hardware and ongoing maintenance costs. These requirements prompted Syscon to adopt a technology platform that has high performance characteristics, is secure and is scalable on demand with low total cost of ownership.

Syscon Justice Systems chose Oracle Database 10g with Real Application Clusters (RAC), Oracle Application Server 10g and Oracle Discoverer 10g to deploy their Offender Management System that now helps corrections agencies around the world to manage some of the world's largest prison populations. Oracle platform's grid capabilities allowed Syscon's clients to start out small and build high performance clusters using commodity hardware as the number of users grew.

Automatic workload management, easier backup and recovery mechanism and the self managing features provided by the Oracle Database, and the high availability, scalability and security features provided by the Oracle Application Server have enabled Syscon to deploy a world class offender management systems to their clients.

Platform Savings

Syscon's choice of deploying Syscon Elite Offender Management System (OMS), Syscon Elite Jail Management System (JMS), Syscon Elite Electronic Health Records (EHR) and Syscon Exact Offender Financials on Oracle Database 10g RAC and Oracle Application Server resulted in up to 100% savings in the hardware costs and 80% in the ongoing maintenance costs for the clients.

Why Oracle?

Risk Management – Clients are able to manage risk better because of the improved scalability and reliability.

Flexible Scalability with low TCO – Clients are able to scale up using commodity hardware when there is demand for up to 20,000 concurrent users managing up to 2 million offenders

Continuous Availability – Provides 99.5% availability to the clients

Manageability – Automatic workload management and improved backup and recovery features provided by RAC reduces the database administration significantly. Oracle Application Server management console allowed Syscon to provide real time visibility into the resource utilization of the application server.