



BIAS Profile

Type: System Integrator
 Founded: 2000
 Location: Atlanta, GA
 Annual Revenue: \$5 M
 Revenue on Oracle: 100%
 Public/Private: Privately held
 Size: 25+ employees
 Geography: North America
 Key Verticals:
 HealthCare, Justice Systems, Telco, Retail
 Expertise:
 * Oracle E-business Suite
 * Oracle Fusion Middleware
 * Custom J2EE applications

URL: www.biascorp.com

SI Solution for Corrections Corporation Of America (CCA) Inmate Provisioning for Justice

CCA (NYSE:CXW) with a market cap of \$1.74B is the nation's largest provider of jail, detention and corrections services to governmental agencies. The company specializes in the design, building and management of prisons, jails and detention facilities and providing inmate residential and prisoner transportation services in partnership with government.

BIAS and CCA implemented real time data integration between CCA and Hamilton County Jail Systems (CJIS). While leveraging the open standards based technology of Global JusticeXML (GJXDM) and Oracle BPEL Process Manager, CCA created a flexible, adaptable, and extensible business process for booking and processing inmates. The project took less than 2 months and included Oracle BPEL development, testing, and deployment. In production from September 2005, it initially processes about 10-15 inmates/day and will expand to several federal, state, local and private prison systems over the next 2 years.

Technology

Stack:
 Oracle 10g database,
 Oracle Application Server 10.1.2,
 BPEL Process Manager 10.1.2,
 JDeveloper 10.1.2, Apache/AXIS

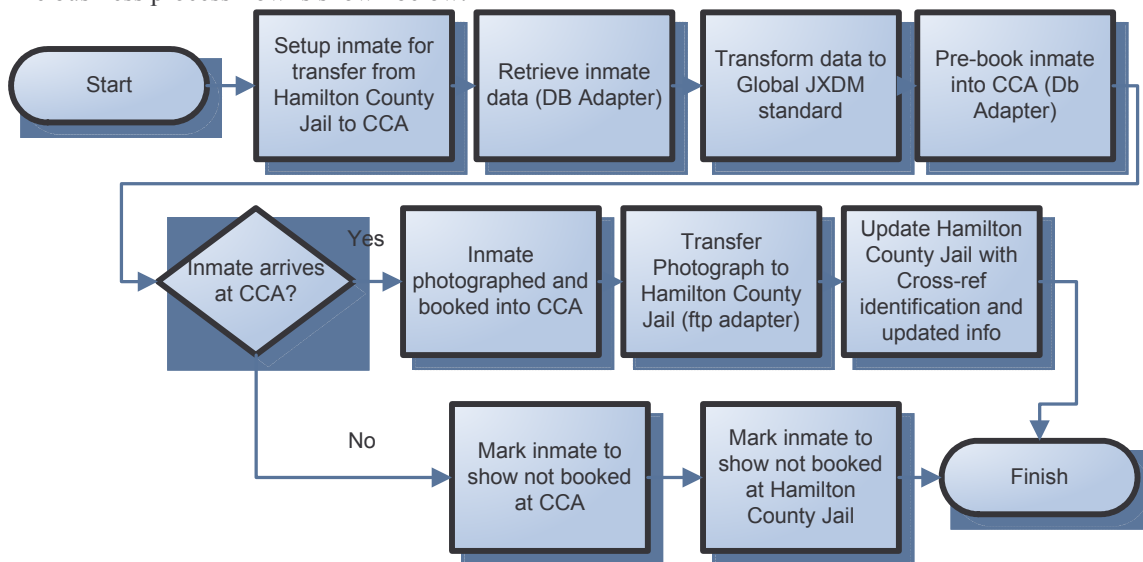
Integration components:
 Oracle BPEL PM10.1.2

Endpoints:
 MS SQL Server,
 Oracle database,
 Windows secure FTP server,
 MS Exchange SMTP Server.

Oracle BPEL PM Deployment:
 2 Sun 32-bit Solaris nodes of 4 CPUs with 4GB RAM mid tier cluster for BPEL Process Manager and Application Server cluster.
 2 Sun 32-bit Solaris nodes of 4CPUs with 6GB RAM for OID/SSO.

Solution Details:

The business process flow is shown below.



When an inmate is set up for transfer to CCA from Hamilton County Jail, the inmate is pre-booked into CCA with defendant, workhouse, charges and insurance information. On arrival at CCA, the inmate is booked, photographed and assigned a CCA identification number. The Hamilton County Jail System is updated with the information from

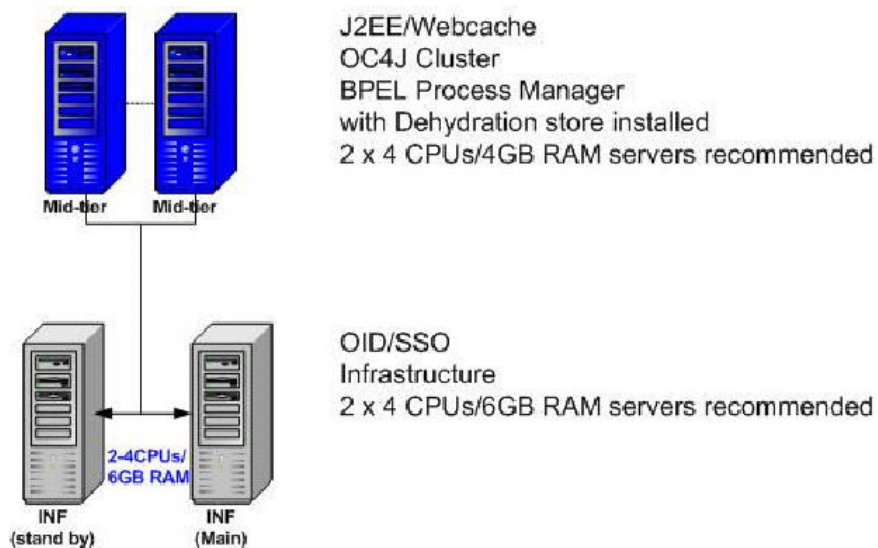


CCA and provided with an electronic image of the inmate. During the business process flow, if errors occur then notifications to email distribution lists are sent for corrective action. The integration processes include about 50 activities in 10 main BPEL process flows with message payloads ranging from 1k to 500k.

Corrections Corporation of America (CCA) previously used a manual error prone process to book inmates by replicating information from Hamilton CJIS system terminals to CCA application terminals. Manual data entry steps were repeated to update Hamilton CJIS systems with inmate criminal information. This real-time integration between the Hamilton CJIS, CCA systems has decreased the monthly error rate as well as timely inmate entry into CCA's Inmate Management System increased by about 95%.

A key aspect of this integration is the transformation and exchange of information based on the Global Justice XML data model (GJXDM) standard. The Global JXDM is an XML standard designed specifically for criminal justice information exchanges, providing law enforcement, public safety agencies, prosecutors, public defenders, and the judicial branch with a tool to effectively share data and information in a timely manner. The United States Department of Justice's Office of Justice Programs sponsors the Global JXDM, with development supported by the Global XML Structure Task Force (GXSTF).

Deployment Architecture:



BIAS' mission is to bring the industry's premiere products and solutions to our customers at a competitive price. With Oracle Fusion Middleware we reduced the cost and complexity of integration projects for CCA. This project that could have taken a year to implement with traditional integration products was completed within 2 months using Oracle BPEL Process Manager.

John Ezzell, Vice President, BIAS Corp.