

# Long haul product development



Xoriant helps one of the largest Enterprise Asset Management software companies consolidate offshore processes and rearchitects entire product suite.

## The Client

Our client is one of the world's largest providers of business software, with approximately \$2.1 billion in revenue, and the 10th largest software company in the world. The client's Enterprise Asset Management (EAM) powers over 80% of the Fortune 500 enterprises.

## Client Product Details

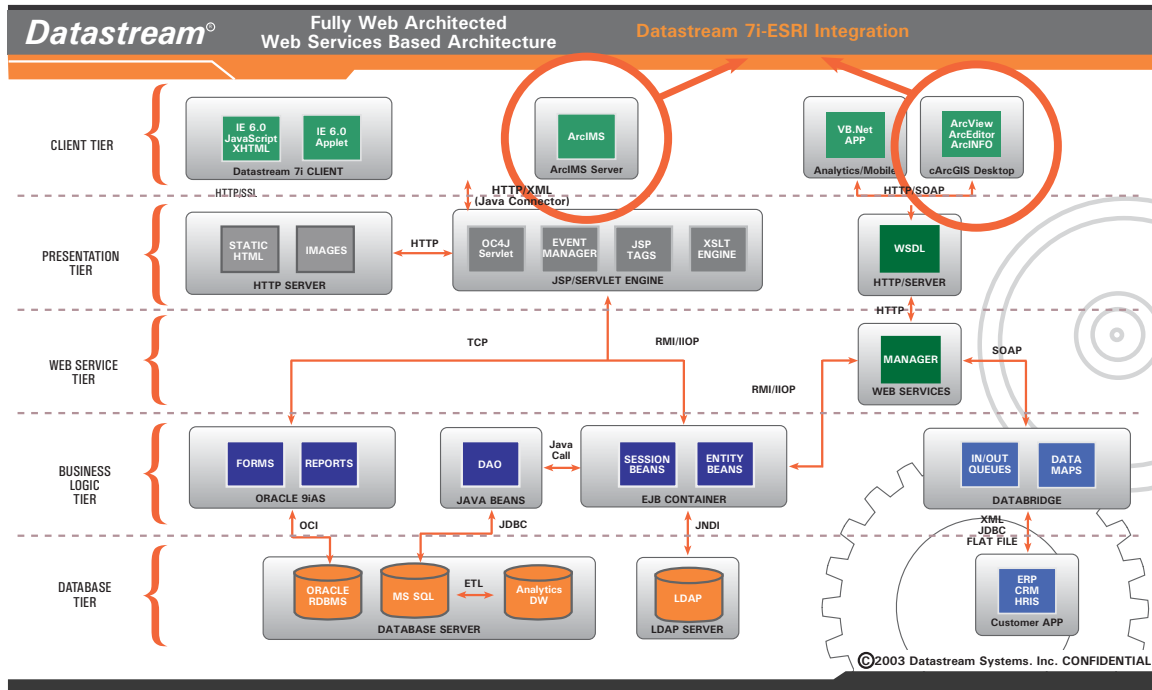
Our client's EAM product enables companies to proactively manage assets, asset information, and maintenance activities. It combines best-in-class asset management modules, unique features for improving operations and performance, and advanced modules to ensure the best possible fit for a customer's enterprise asset management needs. Our client's EAM product is the most widely deployed Web-architected enterprise asset management system in the world. This completely Web-architected application includes a simple browser interface that enables companies to share information and manage assets across the enterprise easily. The robust features meet the demanding requirements of customers from a wide variety of industries, and its zero-footprint architecture and HTML user-interface make this one of the most easily deployable solutions in the market.

## Product Architecture:

The product architecture is made up of multiple tiers like:

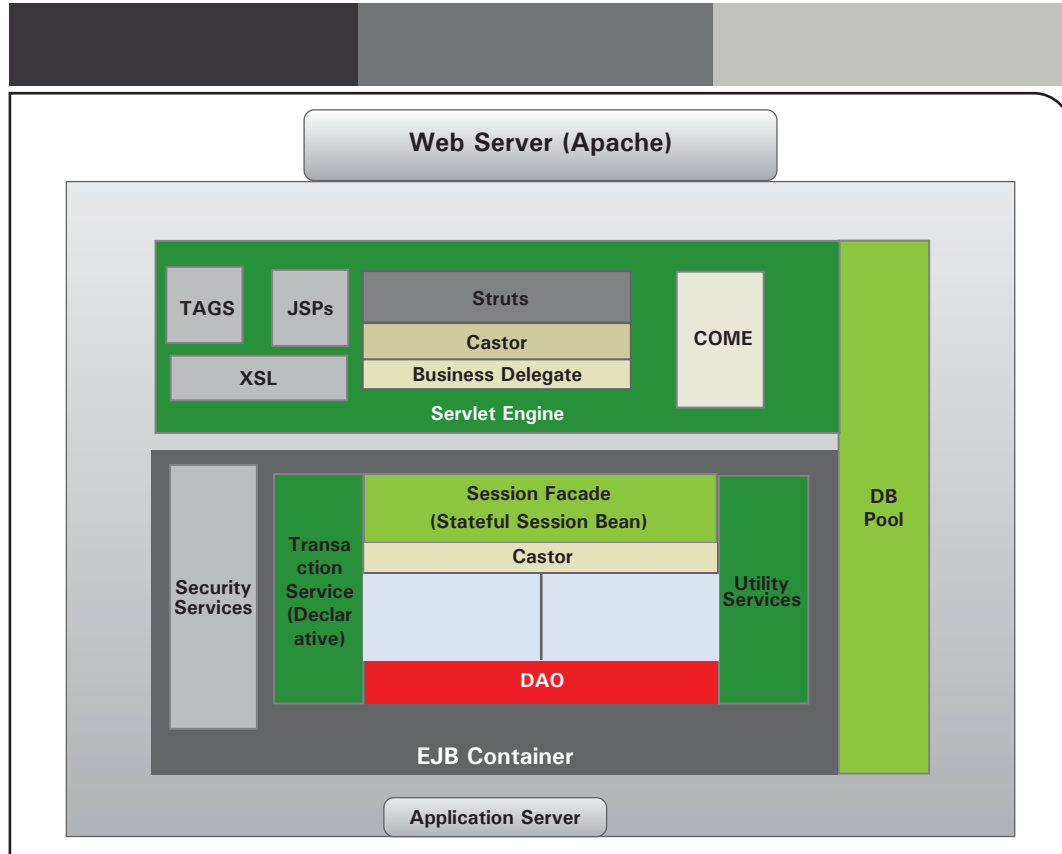
- Database Tier
- Business Logic Tier
- Web Service Tier
- Presentation Tier
- Client Tier

It is SOA oriented, scalable, extensible and reusable architecture.



### Challenges

The EAM product had been developed using custom C++ and was built on an unscalable architecture. The client base had moved on to the latest cutting edge technologies like J2EE, SOA, AJAX, Struts, Oracle and SQL Server. Thus, the entire product had to be re-architected to be flexible, scalable and secure.



On the operational side, our client has been using off-shore model for a decade and had developed very mature engineering practices. They have their own coding standards, code review checklists, test plans and development processes. From a multi-vendor environment, the client now consolidated the vendor base to a single company, based on past performance.

### Xoriant Contribution

- We quickly adapted to client's framework, product architecture and engineering practices.
- Using Webex sessions, we organized intense Computer-Based Training (CBT) to gain product and framework knowledge.

- We successfully contributed in release of new Business edition targeted at Tier 3 / Tier 4 customers.
- We created and enhanced development guide to reduce product learning curve for future development.
- Our core team also developed a code generation (CG) utility that induced standardization and reduced development time.
- For better collaboration and retaining high team spirit, we started an onsite rotation policy wherein 2 team members work for 4 months onsite.

### Benefits

- We successfully contributed in 4 major releases
- The client shifted from Multi-vendor to Single-vendor (Xoriant)
- The new team member is productive in 4 weeks (Improved from 6 weeks)
- Productivity improved by 15% (use of Code generator utility)
- Our enhanced guide & CG Utility were recognized as best practices
- Our team contribution changed from Simple Use cases to Complex Use cases