



## Infogain Boosts Performance of Software System by 25% with JBoss 7.1 Migration Across Multiple Products and Geographies

### Client Background

Our client develops software used by the automotive industry to manage collision repair, auto casualty, worker's compensation and medical claims. They provide smart technology solutions across the Property and Casualty industry.

### Business & Technical Challenges

The client previously used RedHat for server maintenance support. With this support ending, they needed to quickly upgrade their entire system to the JBoss Enterprise Application Platform (EAP) version 7.1 and deploy across multiple products and geographies in a single release.

### Infogain Approach

Working under a tight deadline, and collaboration with the clients' infrastructure teams and RedHat, Infogain upgraded the system to JBoss 7.1, including technical and functional services and executed a hybrid approach by upgrading base services first, followed by business domain services. Infogain's solution included:

- Automated the complete build/deployment process
- Changed 180+ scheduler jobs for compatibility with JBoss EAP7 and cleaned up unused scheduler jobs.
- Changed network layer routings at TF5 to point to new EAP7 environment.
- Configuration of JBoss 7 environment.
- Created POCs to resolve various technical issues faced during migration process
- Created private-modules and deployed to JBoss EAP7 server that resolved frequent "out of memory" errors.
- Upgraded MEGEN/scheduler jobs.
- End-to-end testing.

Infogain delivered the upgrade, with zero bugs after go-live, to multiple environments and geographies.

Business  
impact  
delivered



Cost



Revenue



Speed-to-Value



Risk



Innovation

## Technology Stack

- Active MQ
- EJB 3.2
- Java 1.8
- JAX-RS 2.0
- JPA 2.1
- Spring 4.3

## Key Benefits

- System performance increased, with 25% faster transaction times.
- Better security with latest security protocols
- Increased jobs performance with MEGEN framework and plugin upgrades
- Lower maintenance costs

## Infogain Edge

Infogain has enjoyed a long and mutual partnership of 15 years and has knowledge of the client's existing system and infrastructure. Our extensive experience with domain and Java middleware frameworks makes Infogain the ideal partner for migration to JBoss EAP7.

## About Infogain

Infogain is a Silicon Valley headquartered company with software platform engineering and deep domain expertise in travel, retail, insurance, and high technology. We accelerate the delivery of digital customer engagement systems using digital technologies such as cloud, microservices, robotic process automation and artificial intelligence to our clients.