

# Case Study | Cloud



## Rackspace for Largest Manufacturer of Voting Machines in USA

### About Client

Largest manufacturer of voting machines in the US, providing election management systems and services supporting democratic elections by maintaining voter confidence and enhancing the voting experience to the citizens.

### Technology Used

Rackspace, Java / Spring / JPA / XSLT, PostgreSQL, Apache Tomcat, Apache HTTP Server

### Business Benefits

- Team with extensive experience in AWS completing the work ahead of stipulated time frame
- Easy to setup the environment with intuitive user interface.
- Real time alerts and notifications (SMS, Email) to the concerned person for quick auctioning.
- Ability to easily turn on/turn off caching at load balancer level.
- Team with good experience in Rackspace completing the work in time.

### Business Challenges

- Existing On-Premise setup had scalability and performance issues
- Critical SLAs need to be adhered to

### Solution Provided

- ENR is a web based solution that complements the election management system on the election night allowing jurisdictions the ability to display election results for public viewing.
- Migrated 4 modules from the on premise system to Rackspace.
- Setting up of Public and Admin load balancers.
- Setting up of 4 Admin and 4 Public Linux boxes to deploy the ENR application.
- Servers configured in 2 clusters to ensure application availability throughout the election day.
- Provided dedicated support during the US General elections.

