Akua

DRAS and CLIR Development
System Requirements and Design

- **Requirements**
  - Flexible
  - Reliable
  - Available
  - Scalable
  - Secure

- **Design**
  - Loosely Coupled System
    - Web Services
    - XML Price Schedules
  - Open Standards
    - J2EE
    - SOAP
    - MODBUS/TCP
  - Open Source
    - JBoss
    - MySQL
CLIR
Requirements and Design

- Connect 6 dry contacts to the DRAS via the Internet
- Minimal IT involvement
  - Uses web service technology to avoid the need for firewall modifications at the installation site
- Secure
  - Communicates using SSL
Client & Logic With Integrated Relay (CLIR)