

## Organization Background

Rochester Gas & Electric (RGS; NYSE) supplies electric and gas service to approximately 345,000 electric and 290,000 gas customers, diversified through residential, commercial and industrial. Notable customers include Xerox Corporation, Eastman Kodak Company, General Motors Corporation, and Bausch & Lomb Inc.

## The Need

Genoa Station is the oldest running nuclear plant in the USA. In large part, this is attributable to their uncompromising maintenance and safety program.

Over 1 million documents pertaining to engineering documents, operational procedures, and maintenance work orders are accessed through an IBM 3270 mainframe. RG&E was seeking a solution to provide engineers and operations personnel greater searching and accessibility to this information through their Intranet to increase productivity and possibly eliminate the costly mainframe maintenance and licensing costs.

## The Challenge

The project was to develop a cost effective solution for RG&E employees to access important information quickly.

The challenge was to:

- Maintain the speed of execution of the mainframe in a web-based service, all the while increasing the searching capability and delivery of documents
- Integrate the solution in a user friendly interface for the intranet
- Ultimately, reduce costs related to information management

## The Solution

RG&E set about converting the mainframe content to XML using internal resources. Once the XML data was acquired, they benchmarked several traditional databases with regards to speed of execution. Tests conducted with the eventual users proved unsatisfactory. Users were willing to hold on to the "green screens" of the mainframe application so as not to sacrifice speed.

### Rochester Gas & Electric

**Organization:**

Rochester Gas & Electric Corporation  
www.rge.com

**Industry:**

Energy

**Type of Application:**

Intranet

**IXIASOFT Solution:**

TEXTML Server

**Why TEXTML:**

- Access speed
- Search capability
- Total acquisition costs

**Partner Involved:**

e-doc Architects  
www.edocarchitects.com

