



R E M E D I

Electronic Commerce Group

# Project White Paper

**Project Name:** Gentran™ Integration Suite Communications and Scripting

**Client Profile:**

A health insurance company, serving more than 880,000 members, in Missouri and Kansas.

- **Industry:** Health Insurance
- **Location:** Midwestern United States
- **Products:** Individuals and Family Plans, Group Health Insurance Plan
- **Technical Environment:**
  - **Hardware(and OS):** Unix
  - **Software(and version):** GIS 4.2
  - **Communications software (and version):** Unix and GIS
  - **ERP:** mixed, i.e. Peoplesoft, Trizetto, etc.
  - **Relevant to the project...**
    - **Number of Trading Partners:** 50+
    - **Number of Maps:**
    - **Number of Business Processes:** 60+
    - **Number of Scripts:**
    - **Other:**

**Business Case (strategic, business area related):**

- Increase revenue processed by EDI P.Os
- Save company in compliance chargebacks

It had been very tough and time consuming to create and to maintain the scripts, to monitor and to re-process the daily jobs. All the communications, compression or decompression, encryption or decryption had been handled through the Unix scripting. The scheduling and the e-mail notification had been handled through the mainframe jobs.

The customer intends to use GIS as a communication gateway and as a depository/archiving of files being sent or received through the gateway. The mainframe will soon go away. GIS will be in place to play the role of the mainframe.

**Situation (technical, IT area related):**

- Company installed Sterling Commerce GIS 4.2 UNIX in 2007.
- Sterling Commerce had set-up the mailboxes allowing the customers to drop or pick-up files via FTP. The DOS batch jobs and Unix scripts were scheduled to run to process these files.



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## **Solution / Deliverables:**

- Provided a GIS consultant to develop different templates to replace the existing DOS command and Unix script.
- Trained and helped two employees to use the developed templates to replace other batch jobs.
- Developed re-usable FTP sub-processes to get and put files from and to the mainframe and the Unix boxes.

## **Outcome:**

- Most of the batches (80+) and Unix scripts have been replaced with GIS business processes.
- Eliminated unnecessary FTPing to the Unix boxes.
- Eliminated the scheduling and e-mail alert or e-mail notification from the mainframe.
- Eliminated Unix scripting to compress or decompress, to encrypt or decrypt, to FTP and to handle complex file requirements from the clients.
- Added additional communication protocols such as FTPS and SFTP to meet the clients' requirements such as banks.
- Expanded the use of the mailboxes to handle different file processes.
- A process can be re-started without reloading files.