



# Case Study

## Insurance and Financial Services



## **Company Profile:**

Small Insurance and Financial Services firm headquartered in Utah with 50+ employees operating nationwide. Strong presence in California and Utah.

## **Original Problem:**

Reduce total cost of ownership by increasing deployment of Free and Open Source software.

The original deployment was based around Linux and other Free software to enable the use of standard Internet technologies. These included e-mail and web server access. Over time the system has become an Insurance Agency management application including paperless features.

## **Technologies used:**

1. Apache + PHP for web services
2. Hylafax for faxing services
3. Linux for Operating System
4. Perl for system level coding
5. Sendmail for email services
6. PostgreSQL for Database services

Apache is used in conjunction with PHP to provide the web application front end. The web application provides Customer Resource Management, Payroll tracking, Policy management, Fax interface and Email interface. The PHP toolkit that was used was ToolKit, an Open Source Toolkit from Command Prompt.

Hylafax is used to provide electronic fax services.

Ubuntu Linux is used as the operating system for all services provided.

Perl is used as a glue language between the various services such as Hylafax and the fax storage (PostgreSQL).

Sendmail is used as the email MTA.

PostgreSQL is used as the central data store for all information. Faxes, Insurance documents, Email, Customer contact information is all stored within PostgreSQL.

Command Prompt has developed this system over the 7 years providing continual support and feature enhancements as the customer requires.

## **Resources:**

Apache: <http://www.apache.org/>

PHP: <http://www.php.org/>

Perl: <http://www.perl.org/>

PostgreSQL: <http://www.postgresql.org/>

Sendmail: <http://www.sendmail.org/>

Toolkit: <https://projects.commandprompt.com/public/toolkit>

Ubuntu: <http://www.ubuntu.org/>