



## 1 Appendix A: SAIG Technical Infrastructure

### *SAIG Production Environment*

SAIG Portal is composed of a HP-UX mid tier server that supports the mailboxing system and a Microsoft Windows NT/IIS server running a web administration application. Supplementary systems include mainframe, enrollment web application, and PC systems. The SAIG Portal is a Commercial Off-the-Shelf (COTS) application from bTrade.com and is made up of the following components:

- *Secure Portal* - An open architecture gateway that will be used as the 'mailbox' application for the storing and retrieval of data.
- *TDClient* - The client software used to send and receive FSA data transmissions securely over the Internet using SSL 3.0 and the Diffie-Hellman Dynamic Key Exchange algorithm.
- *TDCommunityManager* - Product that will be used to manage Title IV destination point mailboxes and data. This is referred to as TDCommunity Manager or Online Secure Manager (OSM).

These components of the SAIG Portal are run from the Virtual Data Center (VDC) in Meriden, Connecticut. Computer Sciences Corporation (CSC) staff is responsible for the operation, maintenance, and security of this system with the support of Accenture and Pearson staff for application administration and maintenance.

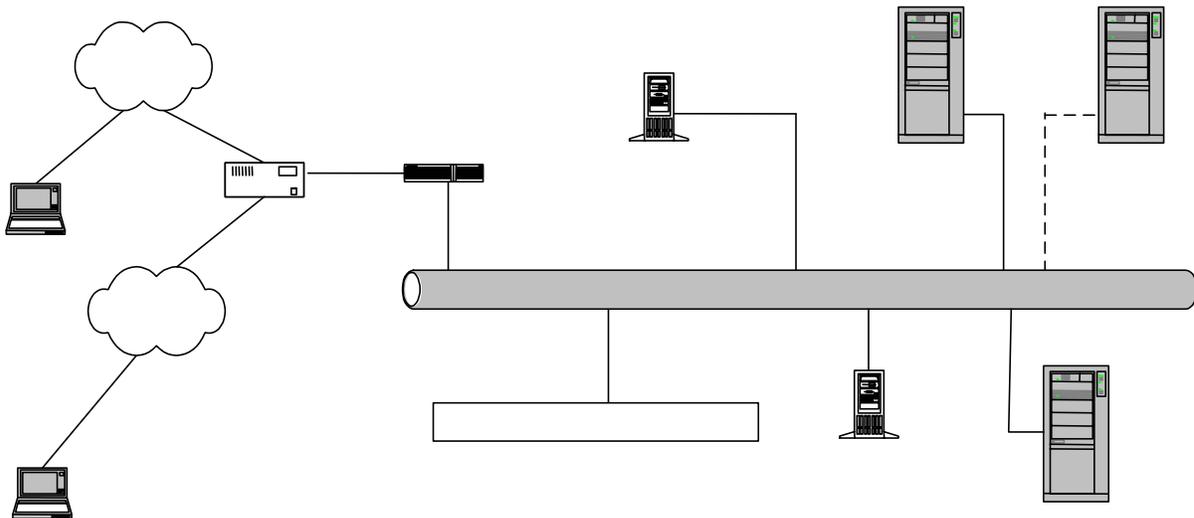
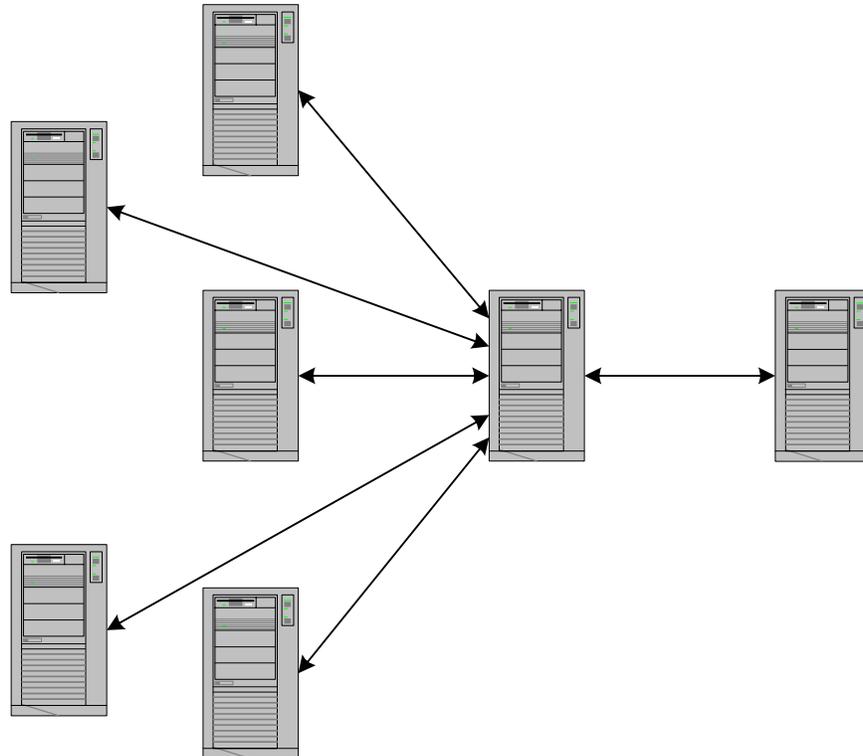


Figure 1.1 - SAIG Production Environment



### *SAIG Performance Test Environment*

The SAIG performance test environment consists of seven servers. The SAIG application will run on the SAIG test server, HPL15. The EAI Component of the test will be run from the EAI Bus Test Server, E17. The remaining five servers will be used to generate simulate users sending and receiving files to and from SAIG respectively.



**Figure 1.2 - SAIG Performance Test Environment**