

GNS Hosting Geneva Case Study

Our client is a small New York City hedge fund that wanted to run the Advent Geneva portfolio management system. The client has a small office without a separate server room. Their auditors had expressed concerns about hosting this mission critical equipment in their offices. The client also needed an integrated investor web portal.

Geneva is a sophisticated client-server based portfolio accounting application. It's core database software runs on a UNIX Solaris based server, while a data mapping and user interface component runs on a separate Windows server.

GNS hosted the production and disaster recovery instances of Geneva in two of the carrier grade SAS70 certified co-location centers where we lease space. We provided the following services:

- Installed hardware, OS, supporting software, and Geneva application on all the servers and configured them to interoperate.
- Installed an IP-Sec based site-to-site VPN between the client's offices and both of the GNS facilities.
- Installed Geneva desktop software on the desktops of the users who needed access to the system.
- Provided VPN access to Advent Professional Services to assist in Geneva implementation and training. Provided system support for Advent consultants during their work, and supplied them with necessary market data feeds.
- Automated all of client's regularly scheduled daily processing tasks using custom scripts and the UNIX cron facility. The scripts are monitored, and any processing exceptions are investigated by GNS operations staff.
- Implemented an investor web portal to allow client's customers to access Geneva reports from client's website.
- Set-up the replication processes to synchronize production and disaster recovery. Implemented dial-up VPN capability to allow client to access DR instance of system. Integrated DR procedures with client's BCP plan.
- Customized the GNS monitoring subsystem to monitor the hardware, the operating system, the application, and the client's operational processes.
- Set-up GNS report package to deliver weekly performance and usage reports to client.
- Installed and configured the open source Samba service to allow development and operations staff to mount and view parts of the UNIX file system from their PCs, and access the Geneva reports without logging into the UNIX server.

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