

## CASE STUDY

### Managed Services for Financial Trading Applications and Portfolio Management Applications

---

#### The Brief

youDevise Limited ([www.youDevise.com](http://www.youDevise.com)), based in London, provides web-based portfolio workstations for brokerage firms, asset managers, and hedge funds. Clients include many of the large global investment banks, such as Merrill Lynch, Citigroup, and Credit Suisse, as well as niche brokers, innovative hedge funds, and traditional asset managers.

youDevise needed a partner to help it to deliver multiple, complex, high value and rapidly growing applications, on a 24/7 basis, to thousands of demanding users, at hundreds of firms, each with its own specific security and compliance requirements, in offices around the world.

---

#### Our Solution

Initially, youDevise selected The Bunker to host its Trade Ideas Monitor (the TIM), which is used for the high-speed communication of equity trade ideas and portfolio ideas between institutional brokers and their proprietary trading desks, traditional money manager and hedge fund clients. youDevise had been running the application at its offices, but needed a more secure, resilient environment, with 24-hour managed hosting. The TIM has continued to expand exponentially, with more than 4,000 active users. This growth led youDevise to commission a warm disaster standby site in a second geographic location operated by The Bunker. In addition, The Bunker is managing add-on services, such as regular secure encrypted file transfers, for specific TIM users.

Subsequently, youDevise selected The Bunker to host its fund of Hedge Fund Information Provider (the HIP), the first commercially available portfolio management system for funds of hedge funds (FoFHs). FoFHs with a combined total of more than USD \$7.5 billion of assets use the HIP for tracking and evaluating investments in underlying funds; Shadow Accounting for monitoring, reconciling and forecasting portfolio cash, payables/receivables, and FX balances; Liquidity, for determining how much cash is redeemable from hedge funds over time; and FX Hedging, calculating exposure, hedging needs and determining gains/losses on existing hedges.

The Bunker provides youDevise with an environment that satisfies even its most demanding customers. Working with youDevise, we have designed a resilient, secure network and system architecture based on Open Source software. The solution comprises replicated MySQL database servers, load balanced application and web servers running Apache Webserver, Apache Tomcat, and Gentoo Linux OS, mirrored Open Source Firewalls. An intrusion detection server, and a monitoring server complete the design.

Test and production environments for both youDevise services were commissioned by Bunker engineers. The operating platforms are separated across two of our data centres for additional resilience. The initial project was completed on time and on budget and it was delivered within six weeks of contract signature.

#### Products / services

- Architecture design
- Managed services
- Managed Backups
- Security consultancy
- Monitoring

#### Technology

- Intel Xeon
- AMD Opteron
- MySQL
- Apache Webserver
- Apache Tomcat
- Gentoo Linux
- FreeBSD

#### Benefits

- Secure network design
- High availability solution
- Secure hosting
- Cost effective