



## **FIPPEX Technical Specs**

### Web-Based Software-As-A-Service (SaaS)

The FIPPEX platform is entirely web-based, so it is accessible anywhere at anytime via a web browser. This flexibility allows FIPPEX engineers to roll out new versions of the platform with zero impact on the end user, so there is no need to waste time downloading software updates. Implementation is quick and easy, without the need of any additional hardware, outside consultants or burden on IT.

### Customizable Interface

A customizable interface makes it simple to design a page that has the look and feel of your existing web site. Even your domain name can stay the same. Tested by thousands of users, the interface is intuitive and easy to navigate.

### System Requirements

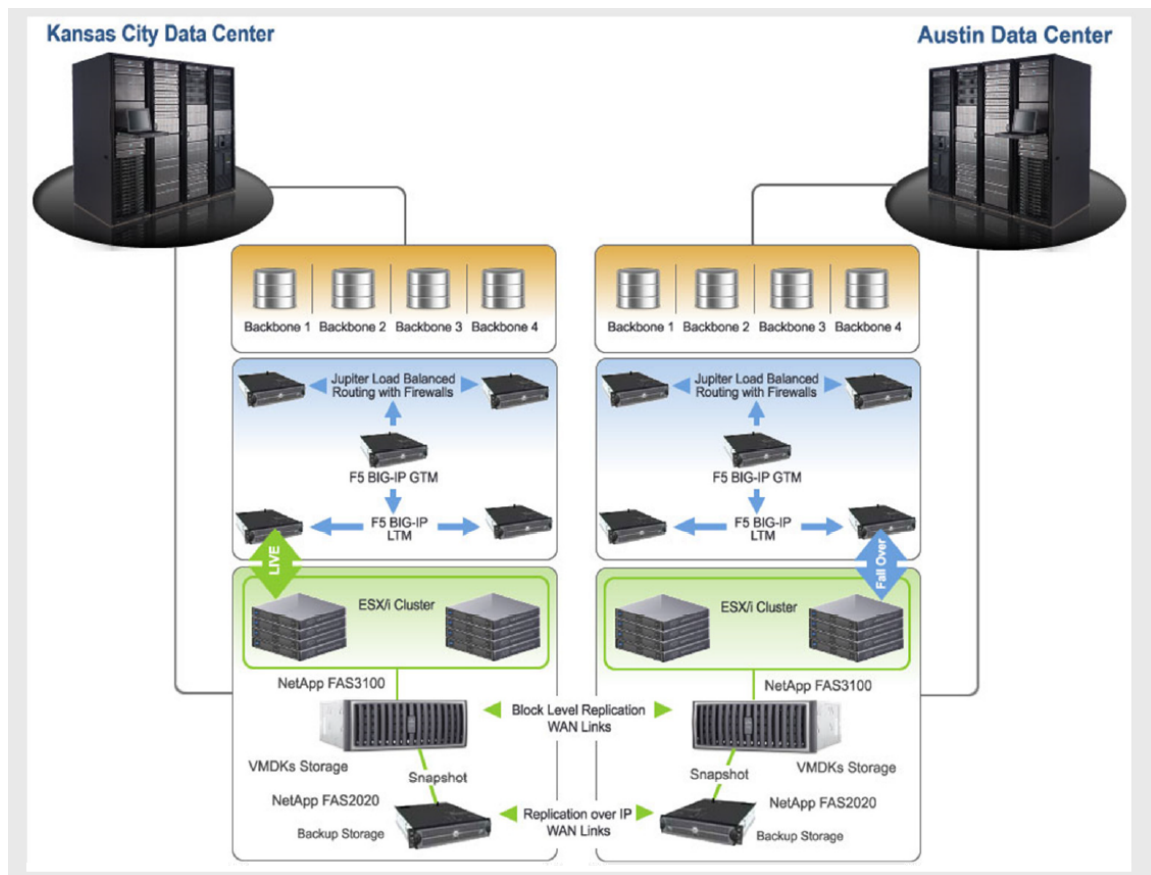
The minimum system requirements for web-based users are:

- 512 MB of RAM
- 160 MB of free disk space
- Internet Explorer 8.0+, Firefox 3.0+ or Chrome 3.0+

### Data Center

The FIPPEX software servers are located in two different data centers mirrored in real time (see image below). Nightly backups are performed at a third offsite location. The FIPPEX data centers also have diesel backup generators, dual power supplies and other measures to address power or electrical failures. The servers are SAS 70 Type II certified by an independent auditor on an annual basis. This audit certifies the following:

- Controls related to security monitoring
- Change management
- Service delivery
- Support services
- Backup and environmental controls
- Logical and physical access



## Controls Specified at Data Centers

- Redundant HVAC units are present to maintain consistent temperature and humidity levels
- Redundant lines of communication to telecommunication providers have been established
- Sensors are present to detect environmental hazards, including smoke detectors and floor water detectors there is also raised flooring to protect from such hazards.
- Fire detection systems, sprinkler systems, and chemical fire extinguishers are inspected annually
- Uninterruptible power supplies (UPS) mitigate the risk of short-term utility power failures and fluctuations. UPS systems are inspected on a monthly basis
- Diesel generators are used to mitigate the risk of long-term utility power failures and fluctuations. Generators are tested on a monthly basis
- Data center personnel are on duty at all hosting data center facilities 24 hours a day, 7 days a week

## Security

FIPPEX uses best practices and procedures pertaining to password storage, SSL encryption, logout due to inactivity, restriction of the number of IP addresses to specific accounts and more. Due to the sensitive nature of the data residing on the FIPPEX platform, every measure is taken to ensure that client data is as secure as possible.

FIPPEX security policies are reviewed quarterly and updated as industry best practices and procedures dictates.

## Network Redundancy

FIPPEX has redundant communications routing and switching equipment for its core-networking infrastructure to permit continued operation in the event of the failure of an element of the network. FIPPEX utilizes fully redundant Cisco routing and switching equipment for its core networking infrastructure.

## Application Level Security / Secure Socket Layer (SSL)

FIPPEX utilizes some of the most advanced technology for Internet security available today. When our site is accessed using a web browser, Secure Socket Layer (SSL) 2048 bit encryption technology protects information using both server authentication and data encryption, ensuring that all data is safe, secure and available only to registered Users granted access by a client organization. Data is completely inaccessible to other Users of the FIPPEX platform.

## Password Security

FIPPEX provides each User in the system with a unique user name and password that must be entered each time a User logs on. FIPPEX issues a session “cookie” only to record encrypted authentication information for the duration of a specific session. The session “cookie” does not include the user name or password of the User. FIPPEX does not use “cookies” to store User information, but instead implements more advanced security methods based on encoded session IDs.

## Software Licenses

FIPPEX only uses industry accepted and tested applications:

- Operating System: Windows Server 2008
- Web Server: Microsoft Internet Information Services 7.5
- Database: Microsoft SQL Server 2005
- Development Language: C#/ASP.NET Framework v3.5