Signiant Jet

The fastest and easiest way to automate system-to-system file transfers

Signiant Jet is a new SaaS solution for high-speed transfers of large data sets between locations around the globe. For companies with multiple locations or that regularly exchange large data sets with partners, customers and suppliers, Jet's unprecedented speed and intuitive visual interface make the process of automating and monitoring file transfers simple, fast and cost effective.

Key Benefits of Jet

→ **SPEED:** Capable of multi-Gbps transfer speeds, Jet employs a new intelligent, self-learning transport mechanism that optimizes recurring, time-critical transfers.

→ **EASE:** Within Jet's intuitive visual interface (Figure 1), administrators can easily deploy and monitor transfers and configure alerts. You can be up and running in a day.

→ **NO LIMITS:** Jet can handle any size file quickly, and never imposes limits on the amount of data transferred or constraints on bandwidth.

→ **NETWORK OPTIMIZATION:** Jet capitalizes on any available bandwidth and Signiant never charges you extra to take advantage of your bandwidth.

→ **SECURITY:** Following defense-in-depth design principles, Jet incorporates multiple layers of security controls. Signiant is a recognized security leader across the M&E industry, including earning the DPP 'Committed to Security' mark.

→ **INTER-COMPANY TRANSFERS:** Companies that regularly exchange data with other companies will benefit from Jet's simple, secure handshake mechanism where two parties can agree to send and receive files from one another.

→ **SIMPLE PRICING FOR EVERY SIZE COMPANY:** Jet's SaaS implementation scales to the needs and budget of every size media company. With no bandwidth or data charges, Jet's simple pricing model is based on the number of "connectors" needed to establish routes between locations (see page 2 for more information).

FIGURE 1: INTUITIVE VISUAL INTERFACE

FEATURES & CAPABILITIES

→ **Fastest Transport Yet:** Jet's speed is unmatched by any other solution on the market.

→ **Checkpoint Restart:** Any transfers that are interrupted are automatically restarted from the point of failure, which is critical for large files.

→ **Monitoring and Alerts:** Jet allows you to easily monitor all transfer activity and alerts you of any errors.

→ **Storage Independence:** Jet allows you to maintain complete control over valuable media assets in your own storage. Jet works with on-premises file storage from any vendor, and will soon support transfers to and from AWS and Azure cloud storage.

→ **Scalable & Reliable:** The Jet service is built on Signiant's multi-tenant, auto-scaling, load-balanced cloud deployment, managed 24/7 by the company's professional Site Reliability Engineering (SRE) team.

→ **Media Shuttle Companion:** Jet is designed to interoperate with Media Shuttle, the widely-deployed Signiant SaaS offering that enables people to send and share large files.
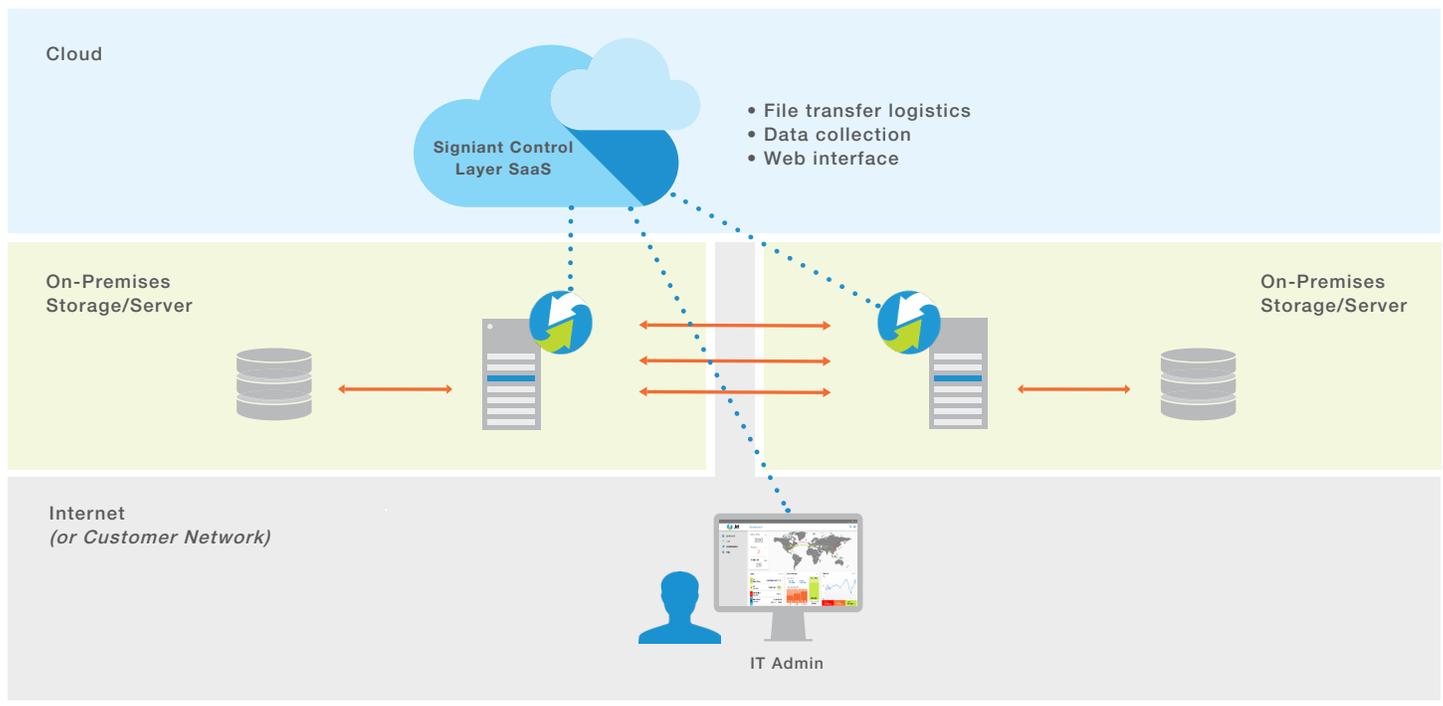
FIGURE 2: JET SYSTEM ARCHITECTURE

SYSTEM ARCHITECTURE

Jet's patented system architecture (Figure 2) provides all the benefits of multi-tenant, cloud-native SaaS while allowing complete control over valuable media assets in your own on-premises storage. The cloud component of the Jet system is responsible for orchestrating the transfer of files between systems, brokering inter-company connections, and sending notifications. It also provides Jet's intuitive visual interface, enabling all transfers to be easily and securely managed from anywhere in the world on any device. There's no need for you to deploy and manage web servers.

How Jet Works

→ **Endpoints:** Signiant server software is installed at each location and connected to storage, which establishes an endpoint (a file transfer source or destination).

→ **Control Layer:** The endpoint communicates with the Signiant Control Layer in the cloud, which manages file transfer logistics, serves the visual IT Admin interface, sends notifications, and allows for easy monitoring of all transfer activity.

→ **Routes:** Routes can be securely established by explicitly enabling any two endpoints to exchange files in either direction. Each route requires a distinct connector at either end, but each endpoint can have any number of connectors.

→ **Jobs:** Specific tasks are accomplished over individual routes by creating jobs. This involves setting simple rules about which files to move and when to move them including hot folders, scheduled transfers, and move/copy/delete rules.

This architecture allows you to maintain complete control over high-value content between internal or external locations, while simultaneously deriving the classic SaaS benefits of automatic updates, scalability, and global availability.

For more information and to talk with a specialist about how Jet can benefit your business, contact us here.

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