



DATA DISTRIBUTION

Design

Combining Solace hardware with Fluent's proprietary software enables Fluent to deliver a data distribution solution that parses tens of millions of messages per second with a latency of 17 microseconds. Solace's industry leading hardware solution is at the core of Fluent's Data Distribution. Data compression and duplication are performed on the hardware level thereby eliminating any impact on latency. Data is sent to one Solace box which, through our global presence, provides access to any user within the system. Smart data distribution uses 'topic' distribution methodology to stream data through specific channels to each subscriber of that channel. Data can be delivered using any protocol, and feed handlers can be integrated with the data distribution mechanism. This total, ultra-low latency hardware and software combination provides a one-box solution for all your messaging needs.

Value

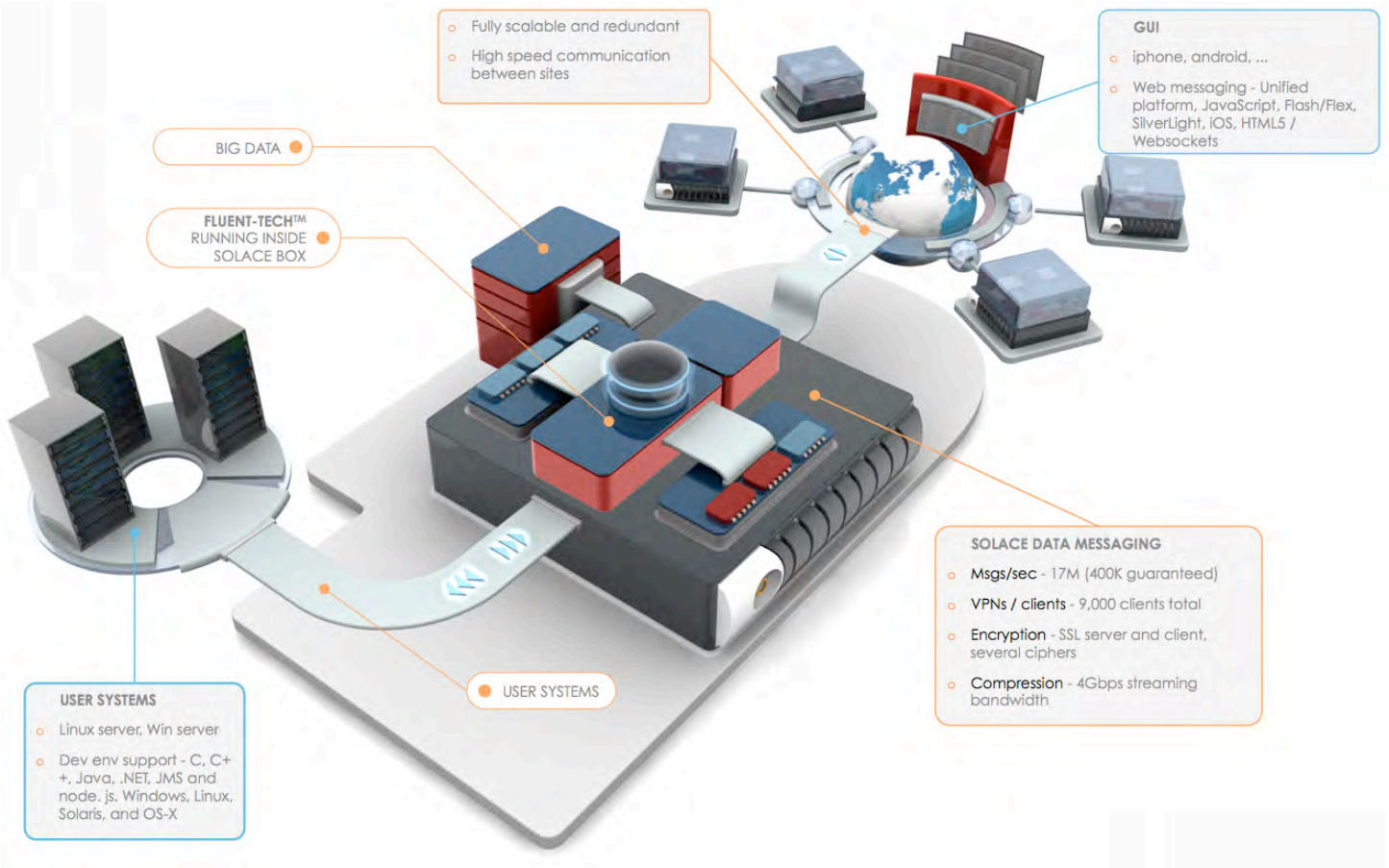
Fluent's data distribution solution delivers hardware latency results while maintaining software flexibility. Data compression and duplication are performed on the hardware level enabling the software design to deliver cloud-like solutions with hardware stability. The flexibility of the design allows adjustments in topic distribution parameters to occur dynamically.

A key advantage is Fluent's ability to use our data distribution product and communicate the feed handler data directly into your algorithm. Single digit microsecond latency in the feed handler combined with 17 microsecond latency on Solace's hardware, delivers the premier ultra-low latency messaging system. The single box design delivers a stable, scalable, unified solution for all your messaging needs.

Key Facts

- **Handles tens of millions of messages per second and up to 8,000 clients**
- **17 microsecond latency**
- **Combined hardware and software solution**
- **One-box solution for all messaging needs both internally and externally**
- **Data compression and duplication done on the hardware level to eliminate impact on latency**
- **Speed, scalability, reliability, redundancy**

DATA MESSAGING



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