FirePOWER™ Technology

*Unmatched Performance from the Only
Security Architecture You'll Ever Need*

Living in the world of cybersecurity is tough. Threats are growing, and the good guys are often out-gunned. With attack vectors becoming more sophisticated and network bandwidth exploding, you find yourself in need of smarter security appliances and greater throughput. Unfortunately the more appliances you buy, the more power and rack space you're consuming. It's expensive, and you'd like to make sure your network is running as efficiently as possible. How can security solutions manage these seemingly contradictory requirements?

INTRODUCING FIREPOWER TECHNOLOGY FROM SOURCEFIRE®

FirePOWER is a unique technology that supports a range of Sourcefire security solutions with unmatched performance and energy efficiency on a universal security architecture.

UNMATCHED PERFORMANCE

FirePOWER technology delivers unmatched performance. With industry-leading IPS throughput combined with <150 microsecond latency, real-time applications such as VOIP, IPTV streaming video, video-based education, and video conferencing (voice and video) are secured without compromising performance.

FirePOWER delivers this performance by leveraging three separate data processing stages, each custom designed for particular workloads:

- Packet processor technology providing hundreds of Gbps of raw throughput and workload distribution
- Multiple 40Gbps network flow processors for the acquisition and classification of network traffic
- Best-in-class Intel x86 processors for application and control plane processing

By delivering on this massively parallel processing architecture with up to 368 cores, FirePOWER offers an incredible packet touch rate and up to 140 billion instructions per second to offer the market's most disruptive throughput rates.

Key Benefits

- Unmatched, industry-leading performance for growing networks
- Full line-rate inspection of latency-sensitive applications
- Flow-based security processing provides increased security and performance

ENERGY EFFICIENCY

FirePOWER technology, which is optimized for network security processing, packs unmatched performance into a smaller footprint. This enables customers to do more with less, leading to substantial energy and rack space efficiencies.

NSS Labs recently tested the Sourcefire 3D8260 with FirePOWER technology, as well as twelve other IPS solutions on the market today. Based on throughput results obtained by NSS Labs and a comparison of energy usage of competing devices, FirePOWER leads the market with the most energy-efficient IPS platform.

SOURCEfire®

Key Benefits
- Lowest power consumption per Mbps of IPS throughput
- Lowest annual energy cost per Mbps of IPS throughput
- Smallest rack space per Mbps of IPS throughput

UNIVERSAL SECURITY ARCHITECTURE

FirePOWER technology delivers a universal security architecture with the capability to run all the varied and diverse security solutions that are required to deal with the evolving threat landscape:

- Intrusion Prevention Systems (IPS)
- Next-generation IPS (NGIPS) with contextual awareness
- Next-generation firewall (NGFW)
- SSL inspection

With the option to run any of these security solutions on a single universal security architecture, you've just future-proofed your security investment. As your network and security needs change, so will the type of protection that the FirePOWER architecture facilitates. And since the Sourcefire solutions portfolio continues to deliver the latest products and technologies, you'll be ready to instantly deploy these solutions and take full advantage of the industry's best protection.

Key Benefits
- Standardization on a single security platform
- Future-proofed investment protection
- Flexibility to implement any security technology

GET FIREPOWER

FirePOWER is currently available in the Sourcefire 3D8000 Series appliances:

MODEL	3D8140	3D8250	3D8260
IPS Throughput*	6Gbps	10Gbps	20Gbps
Model Throughput	10Gbps	20Gbps	40Gbps

*Exact network performance experienced will vary depending on conditions outside of the control of Sourcefire, including the protocol mix and average packet size inspected.

To learn more, visit us at www.sourcefire.com or contact Sourcefire or a member of the Sourcefire Global Security Alliance today.