

## Optimize and Harden IT Infrastructure Resiliency

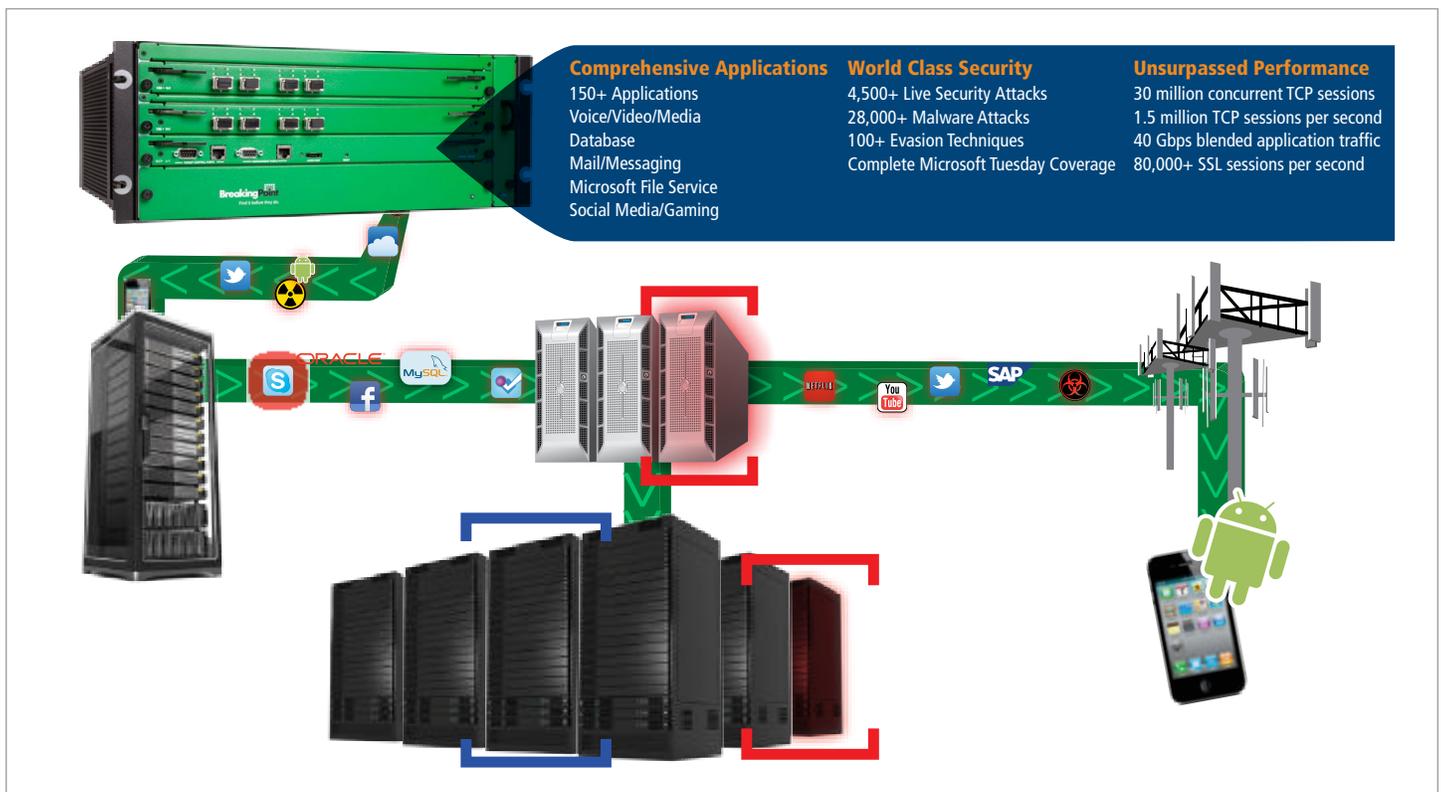
The BreakingPoint Storm™ is the world's first all-in-one product to test and validate applications, devices, networks, and data centers

The BreakingPoint Storm is used to stress, evaluate, and configure IT infrastructures to perform optimally and securely while under load from millions of users, hundreds of applications, and thousands of cyber attacks. This all-in-one cyber security device pinpoints previously impossible-to-detect weaknesses and vulnerabilities in networks, network devices, and data centers before they can adversely affect IT operations.

The compact 4U chassis device creates up to 30 million users talking, texting, emailing, sharing, and gaming, while simultaneously sending current attacks at 40 gigabits per second (Gbps). Based on a patented breakthrough in network-processor technology, the BreakingPoint Storm provides unprecedented insight by producing the same high-stress conditions and user behavior that device manufacturers, service providers, global enterprises, and government agencies face in the real world.

The BreakingPoint Storm allows organizations to:

- Understand the exact performance, security, and stability of network and security products in a fraction of the time.
- Rightsize infrastructures by understanding precise capacity requirements.
- Harden network infrastructures by assaulting them with custom, global, and current blends of stateful applications, live security attacks, and high-stress loads to probe every weakness and vulnerability.
- Ensure cloud and virtualized infrastructures operate at the highest performance levels with optimal security.
- Improve current application performance and roll out new applications and additional users with confidence.
- Create the most advanced cyber training environments, delivering realistic cyber attack simulations to hone IT defender skills.



### Accelerate testing with extensive automation

BreakingPoint offers the industry's fastest time-to-test for virtually any scenario. To help users leverage its extensive performance and security testing capabilities, each BreakingPoint features an intuitive user interface and dedicated Test Labs for common scenarios such as:

- Mobility Testing: Create wireless user behavior, application traffic, and security attacks over 3G and LTE/4G wireless network protocols.
- Lawful Intercept/Data Loss Prevention: Validate lawful intercept and data loss prevention systems with multilingual "needle in a haystack" simulations.
- RFC 2544: Test against industry standards for packet-forwarding rates.
- Session Sender: Measure connection-processing capabilities for security devices.
- Multicast: Create traffic from streaming media and financial services communication protocols.
- Resiliency Score: Measure device performance, security, and stability on a scientific, objective basis.
- Data Center Resiliency Score: Determine user capacity of virtualized servers using real-world applications.

### Evaluate and configure network and data center equipment with a scalable, easy-to-use simulation device

Driven by a user-friendly interface, the BreakingPoint Storm provides users the ability to evaluate and select the most appropriate network and data center equipment for their organizations. Using their own unique network traffic conditions, organizations can implement standardized, repeatable product assessments to select the right devices and keep them resilient as infrastructures evolve. The BreakingPoint Storm is also the ideal solution for determining the capacity requirements, application load needs, and stability of virtualized data centers. This all-in-one device includes:

- Ability to create 30 million online users.
- More than 150 popular application protocols out of the box, including popular applications such as AOL® IM, BlackBerry® Services, Google® Gmail, FIX, IBM® DB2®, VMware® Vmotion™, HTTP, Microsoft® CIFS/SMB, MAPI, BGP, RIP, Oracle®, Encrypted BitTorrent™, MSN® Nexus, RADIUS, SIP, Skype™, Windows Live® Messenger, World of Warcraft®, Yahoo!® Mail, Yahoo! Messenger, and many others.
- 28,000+ pieces of live malware, including more than 100 pieces of mobile malware.
- 4,500+ live security attacks out of the box, with coverage for Microsoft security updates.

- Sophisticated attack simulation with more than 100 evasions, plus botnet-driven distributed denial of service (DDoS) attacks and the industry's fastest protocol fuzzing.
- Intuitive user interface with preconfigured simulations, real-time statistics, and extensive reporting.

### Designed to adapt rapidly to change and ensure ongoing resiliency

The BreakingPoint Storm ships with the latest applications, security attacks, and performance features and is updated biweekly using the BreakingPoint Application and Threat Intelligence (ATI)™ Program. Backed by a team of security and application experts, this service ensures that the most popular and dynamic Web and network application protocols are always up to date.

Every BreakingPoint Storm also configures easily to meet an organization's exact needs for scale, versatility, and cost-effectiveness. The chassis accepts either one or two BreakingPoint Storm cards, which can be swapped or expanded as needs arise. Choose from 4- or 8-port 1GigE cards or, for more performance, the 4-port 10GigE card.

### About BreakingPoint Systems

BreakingPoint products are the standard by which the world's governments, enterprises, and service providers harden and optimize the resiliency of their network and data center infrastructures.

#### BreakingPoint Storm Physical Specifications:

- Rack Units: 4
- Installed: 17.4 in W x 7 in H x 19.5 in D (44.2 cm W x 17.8 cm H x 49.8 cm D)
- Shipping Weight: 45 lb (20.4 kg)
- Operating Environment: 15° C to 40° C
- Nonoperating Environment: -20° C to 70° C
- Power Requirements: 100 – 240V, 50/60 Hz
- Maximum Power Consumption: 1200W
- Regulatory Approvals: FCC Class A, CE, EN60950