



# CHECK POINT + OPENDNS GLOBAL PROTECTION AGAINST ADVANCED ATTACKS

## BENEFITS

Criminal organizations and nation states are adapting new technologies and approaches to manipulate and steal data. The erosion of the secure network perimeter leaves off-network devices vulnerable to attack. Using OpenDNS and Check Point together, customers can extend the secure Check Point perimeter to the cloud and transparently protect any user and any device, in any location against sophisticated attacks.

- Effective threat intelligence
- Protection from the latest threats
- On premise and off-premise protection

## CHALLENGE

Advanced attacks and the Internet work the same way: both are in the cloud and both rely on a domain name system (DNS). Adversaries distribute malware and control botnets by building attack infrastructures comprised of Internet hosts concentrated or dispersed over various networks and geographies. These infrastructures exist in a state of constant flux via manipulation of DNS to thwart detection and disruption.

Threat protection for network security platforms requires effective intelligence and enforcement. But protecting against advanced attacks isn't easy. New infections and breaches cannot be prevented without intelligence and timely enforcement, and without predictive intelligence, evasive threats will slip through.

## THREAT INTELLIGENCE

Effective intelligence requires a global network with maximum coverage and visibility. Gathering a tremendous volume, velocity and variety of data, this global network tracks patterns of use across all devices regardless of network, location, type or ownership.

**Check Point ThreatCloud** is threat intelligence derived from global sensors data, Check Point research, industry feeds and specialized intelligence feeds from the ThreatCloud IntelliStore.

**ThreatCloud IntelliStore** is a unique threat intelligence marketplace where organizations can customize intelligence feeds based upon their organization's needs; selecting from different geographies, industry specific feeds and types of protection.

**OpenDNS** threat intelligence continuously monitors the Internet. Security analytics provide the spatial and temporal relationships between every domain name, IP address and network, uncovering when and where new cyber-attacks will happen.

## ENFORCEMENT

Effective enforcement is useless without threat intelligence. Our Threat Prevention appliances receive real-time, dynamic security intelligence from ThreatCloud, blocking known threats.

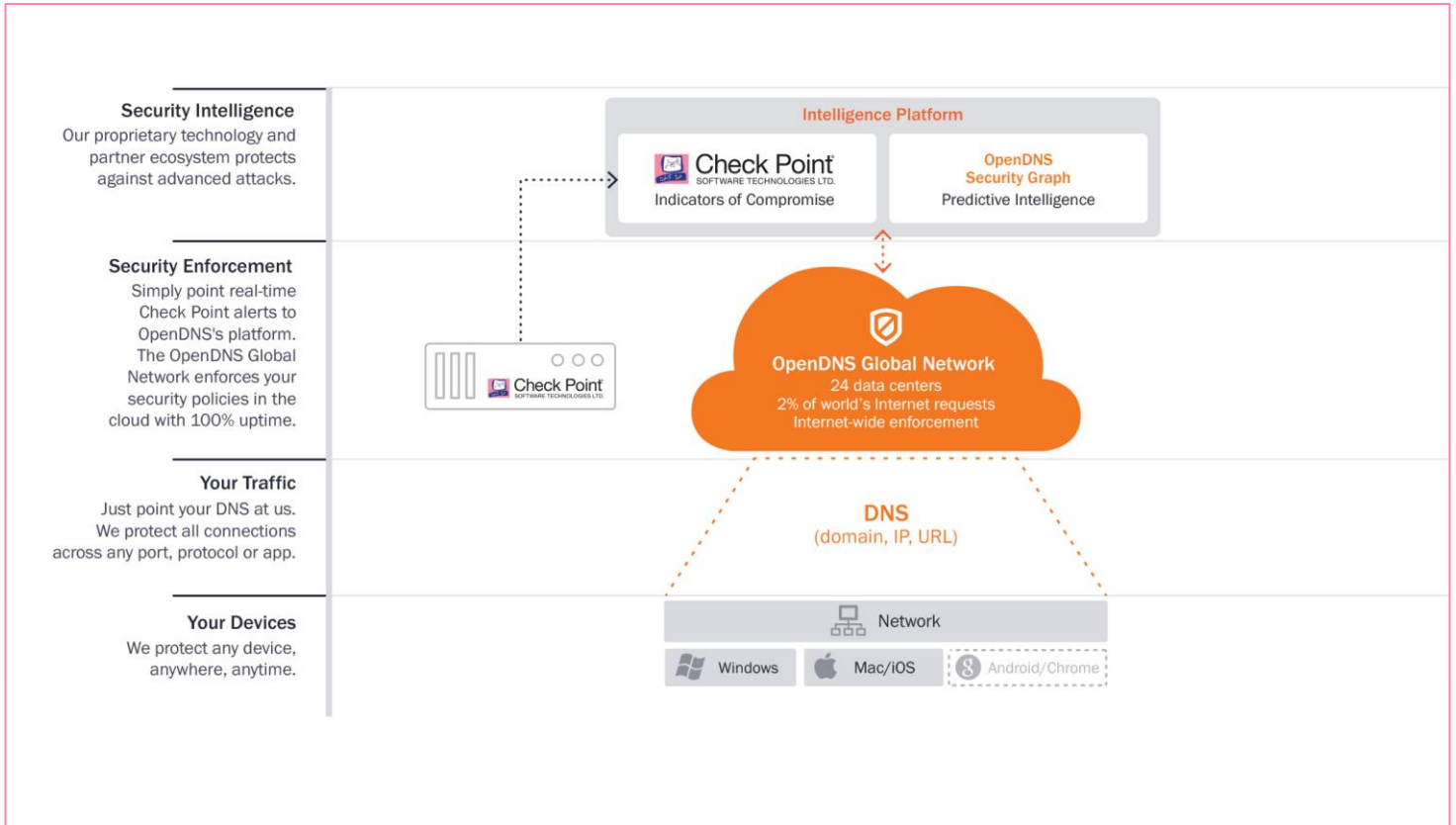
Using unique multi-layer discovery technology, the Anti-Bot Software Blade detects bots by:

- IP, DNS and URLs
- Behavior analysis of outbound traffic
- Unique botnet communication patterns

When a bot infected host is discovered, we alert OpenDNS. Through OpenDNS, customers can protect their systems throughout the world.

## GLOBAL PROTECTION

As more businesses embrace a changing IT landscape, employees are using multiple cloud services, on multiple devices, from multiple locations, all outside of the traditional office-based enterprise security perimeter. The OpenDNS security platform, from users regardless of location or device. Handling more than 60 billion of the world's Internet requests daily with no added latency, the OpenDNS Global Network enforces security in a way others don't.



## KEEPING YOU PROTECTED

Using a comprehensive suite of threat prevention technologies, our integrated next generation solution prevents advanced threats and malware. We stop application-specific attacks, botnets, targeted APT attacks and zero-day threats. With Check Point providing the security protection on premise and OpenDNS Global Network protecting off-network devices, customers can rest assured that they are protected and secure from the latest threats.

### About Check Point

Check Point Software Technologies Ltd., the worldwide leader in securing the Internet, provide uncompromised protection against all types of threats. We pioneered the industry with FireWall-1 and its patented stateful inspection technology. Today, we continue to develop new innovations based on the Software Blade Architecture. Flexible, simple, and easy to deploy security modules enable you to custom build your solution. Visit [www.checkpoint.com](http://www.checkpoint.com) for more information.

### About OpenDNS

OpenDNS is a leading provider of network security and DNS services, enabling the world to connect to the Internet with confidence on any device, anywhere, anytime. The Umbrella cloud-delivered network security service blocks advanced attacks, as well as malware, botnets and phishing threats regardless of port, protocol or application. Its predictive intelligence uses machine learning to automate protection against emergent threats before they can reach customers. OpenDNS protects all devices globally without hardware to install or software to maintain. For more information, please visit [www.opendns.com](http://www.opendns.com).

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