

# 4 CRITICAL CRITERIA

## for Automotive Companies Evaluating DDoS Mitigation Providers



Cybercriminals continue to evolve their tactics with ever-growing cyberattack sizes and new attack methods. This dynamic and constantly changing threatscape has sparked an increased demand for DDoS mitigation services, resulting in an influx of service providers entering the marketplace. However, because many of these services reside in the cloud, it is often difficult for automotive companies to assess, evaluate, and differentiate DDoS mitigation service providers from one another.

How can you ensure the DDoS mitigation service provider you use can deliver on the promise of blocking the Internet's largest and most sophisticated cyberattacks? Given Akamai's practical experience in proven DDoS mitigation approaches—which stop 40 to 50 attacks per week—we present these four critical criteria to help you evaluate a provider's threat intelligence, experience, DDoS mitigation capabilities, and capacity.

*“Cyber security threats are bound to increase over time, as more automation and connectivity is added to vehicles.”*

—Andrew Brown, vice president and chief technologist at Delphi Automotive PLC

- 1. Threat Intelligence.** The more you know about DDoS attacks, the more proactively you can manage your DDoS defense strategy. Your mitigation service provider should deliver you with comprehensive threat intelligence on a regular basis, compiled by a dedicated research team of DDoS security experts. Akamai's State of the Internet Report provides automotive companies with an informed view into online connectivity and cybersecurity trends and metrics, including Internet connection speeds, broadband adoption, mobile usage, outages, cyberattacks, and threats.
- 2. Front-Line Experience.** Nothing beats first-hand experience when you're talking about defeating determined cyberhactivist groups. These attackers not only challenge a provider's DDoS mitigation capabilities for its customers, but they also compel the provider to protect themselves against the most malicious forms of cyberattacks. Akamai has proven front-line experience.

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**3. DDoS Mitigation Capabilities.** Regardless of the size of your automotive company, you need a DDoS mitigation provider with a robust capability set to defend against all types of current and emerging attack vectors — including the largest size of cyberattack possible on the Internet. The fact is that DDoS attackers have used the same highly sophisticated toolkits to take down both the world's largest automotive enterprises and small suppliers. With proven capabilities across all types of network environments, whether BGP (border gateway protocol) route advertisement changes, proxy or DNS-based redirection, or hybrid solutions, Akamai has the experience and expertise to architect the right solution for your environment.

**4. DDoS Mitigation Capacity.** DDoS Mitigation capacity is a key differentiator among DDoS mitigation service providers. The objective of all DDoS attacks is to exhaust your resources (bandwidth, memory, and CPU for all devices that process traffic) to create a network or system outage and take down your online presence or applications. Akamai's Intelligent Platform™ is made up of a distributed network of servers and intelligent software delivering over 2 trillion interactions daily. Our globally distributed DDoS mitigation network provides the redundancy necessary to scale up to effectively defend against even the largest and most destructive cyberattacks.

*“Although cloud computing enhances flexibility, improves access to data, and reduces cost, it must be balanced with the appropriate level of information security.”*

– Sherry Aaholm, VP & CIO Cummins

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