

Many Servers, Only One Attacked

Fine-grained monitoring protects individual servers and services

Data centres can have thousands of separate servers. Attackers can overwhelm these with any type of traffic, but typically send traffic that the servers normally see (i.e. requests) so that the attack remains undetectable by upstream security devices. For example, servers capable of handling 100 requests per second may be sent many hundreds of requests per second which is only a minor increase in overall traffic in the network.

These are trivial attacks to instigate. Security devices are powerless against them because there is nothing anomalous about the requests sent to the web server, nor in the aggregate number of requests.

Traditional anti-DDoS devices are incapable of the fine-grained monitoring needed to recognize when a server is under attack.

IntelliGuard's fine-grained traffic management system monitors and establishes traffic limits for each part of the network (over 65,000 different protected entities) to ensure all such attacks are detected and blocked.

