



# Automated DDoS protection

An interconnection service option available with Flexential IP Bandwidth

Distributed Denial-of-Service (DDoS) attacks are targeting organizations with direct internet connections, posing a risk of significant business disruptions. In its Annual Internet Report (2018-2023), Cisco predicted the number of breaches and total records exposed per breach will continue to grow, with the total number of DDoS attacks to double from 7.9 million in 2018 to 15.4 million by 2023.

Flexential bandwidth services offer automated DDoS protection. This proprietary service ensures your bandwidth is available 100% of the time, a commitment that few other providers stand behind.

Flexential managed bandwidth services protect your business from Layer 3 and Layer 4 volumetric attacks up to 2 terabytes (TB) 24/7. When the service detects a threat, it redirects traffic, scrubbing and discarding malicious traffic and returning clean traffic.

The Anti-DDoS Service is just one of the reliable, easy-to-use, and flexible network service offerings from Flexential.

## Features

- Proprietary, automated, and on demand
- No additional charge with Flexential managed bandwidth services
- 24/7 protection with a 100% uptime commitment
- Layer 3 and 4 volumetric protection up to 2 TB
- Support from dedicated, highly skilled, backbone network engineers
- Automated ticketing outlines the size, time, and actions taken when attacks are detected



## Benefits

- Enjoy 100% network and bandwidth uptime.
- Protect your business from disruptive and malicious attacks.
- Gain dedicated network support and management, off-payroll.

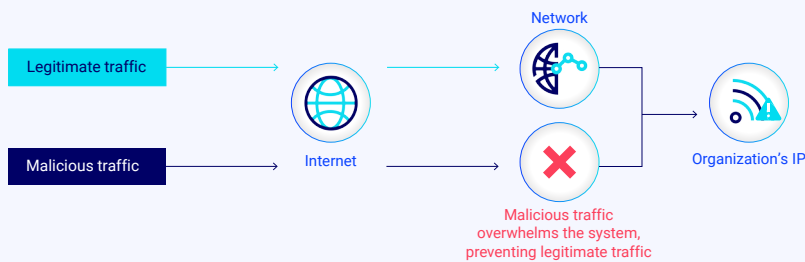
## Proven protection

Your customers and business depend on the services and data delivered across your network, but within a fraction of a second, a malicious and deliberate DDoS attack can compromise your network.

The Flexential DDoS solution has successfully and automatically mitigated hundreds of attacks in the past year, without manual intervention. More than 20 of the attacks exceeded 10 gigabytes (GB) of traffic, with the largest over 30 GB.

Additionally, the Flexential IP bandwidth service leverages a premium blend of three top global providers to provide free automated, DDoS mitigation. This service monitors your bandwidth 24/7 for Layer 3 and Layer 4 volumetric attacks over 1 GB in size up to 2 TB. When the Flexential system detects threats, it automatically reacts, scrubbing and discarding malicious traffic and returning clean traffic.

### Traditional Network Traffic Flow



### Flexential Automated DDoS Protection Process

