

# Distributed Denial of Service

Protect your business with the best solution from GlobalConnect

- **Effective and secure protection against attacks on your network and applications**
- **Virtual intelligent systems, which are designed to constantly learn from your traffic**
- **A proactive monitoring team working 24/7**
- **Access to market-leading Danish support services**
- **Ongoing maintenance of the solution and no future worries**

Unfortunately, DDoS attacks are also on the rise in Denmark as this type of attack has become simpler and easier to launch. The attacks can be highly detrimental to your business and it is therefore crucial to protect yourself against them. GlobalConnect's solution will block the vast majority of DDoS attacks. In the unlikely event that an attack succeeds, then we have the best 24/7 support service available on the market, to ensure that any damage is immediately rectified. With GlobalConnect as a partner, your company gains access to one of the world's best and most secure DDoS solutions and on terms that allow everybody to join in.

## **Optimum protection against all types of DDoS attacks**

GlobalConnect offers a solution that is centrally located in our network and can therefore constantly monitor and compare your company's incoming traffic. It is built on a powerful, redundant platform, which can handle vast amounts of traffic and can always provide access to backup servers in the case of a technical failure or crash. The solution can of course be adapted and customised to suit your business needs. This ensures optimum protection from both the large network-oriented attacks and the more targeted application-oriented attacks.

## **Highly reactive, virtual intelligence systems**

Our solution to prevent DDoS attacks is based on a self-learning system that continually monitors your business network connections. The system learns what is typical and normal for your data traffic.

When combined with constant physical surveillance by our employees, we are able to identify irregular traffic patterns and act quickly and effectively. As a result, your services will continue to run smoothly, without you or your customers noticing the attack. In addition, we are able to constantly adjust the system's requirements in case of periods of increased traffic and/or increased load on specific applications.

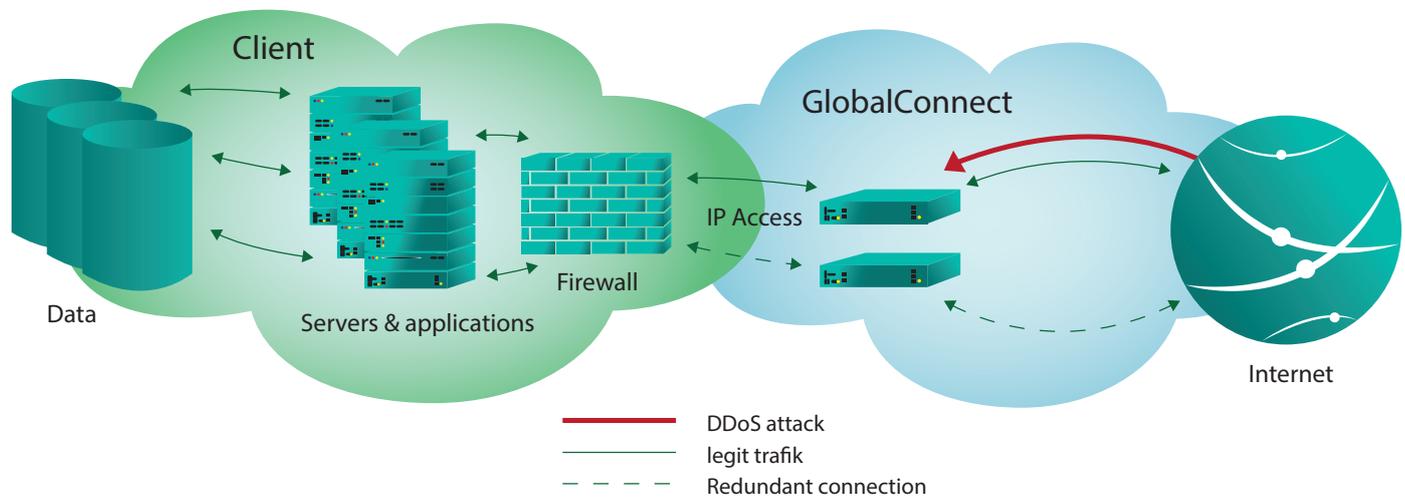
## **A solution that never sleeps**

Besides having the market's best DDoS protection system, which takes care of your data traffic, we also have the right people in our Danish monitoring centre, who keep an eye on your company's data around the clock. This provides the best safeguard in the event of abnormal or atypical traffic patterns and means that action will be taken immediately, thus ensuring that all attacks are blocked and effectively repulsed. If needed, you will also have access to the best security expertise available, who will clarify what has happened and how to prevent it happening again in the future.

## **Security gives peace of mind**

With a hosted DDoS solution from GlobalConnect, you receive a fully professional response service without your company having to spend any time or effort on keeping it updated. If necessary, you of course have access to any resources and relevant knowledge you may require, and you can therefore spend your precious time on the daily running of your business. As well as sleep soundly at night.

# Technical data



**Figure 1:** Our DDoS system is your company's defence mechanism against attacks as it is located centrally in our own network, in front of your firewall and is fully redundant.

Maximum number of simultaneous	4,000,000
Maximum DDoS 'flood attack prevention rate'	10,000,000 pps (packets per second)
Latency	<60 microseconds (0.06 ms)
Real time signatures	Detects and protects in less than 18 seconds
Tunnelling protocol support	VLAN tagging, L2TP, MPLS, GRE, GTP
IPv6 support	Supports IPv6 networks and can block IPv6 attacks
Policy actions	Block and report / Report
Block actions	Drop packet, reset (source, destination, both), suspend (source, src port, destination, dest port or any combination), Challenge-Response for HTTP and DNS attacks
Prerequisites	Requires IP Access connections from GlobalConnect (can be used both with a connection and with multiple, redundant connections)