

# JT DDoS ATTACK MITIGATION SERVICE

keeps your data

# SECURE

so you can look after your

# BUSINESS



## Protect your network from Internet based attacks.

JT has deployed a state of the art DDoS platform to provide protection and attack mitigation for customers, ensuring on-going protection based on evolving threat intelligence.

Denial of Service (DoS) and Distributed Denial of Service (DDoS) attacks are assaults on a network that flood it with so many additional requests that regular traffic is either slowed or completely interrupted. Unlike single bullet intrusion attacks (such as a worm or Trojan) which cause information damage or leakage, DoS attacks disrupt the availability of network resources and can interrupt network service for a long period of time.

Typical victims for DDoS attacks are online businesses, financial institutions, Online gambling companies and service providers. DDoS attacks target revenue-generating organizations by overtaxing link capacity. This causes them both direct and indirect damage. Direct damage includes revenue loss or increased network costs. Indirect damage is related to business reputation and increased operational expenses.

JT offer an industry leading DDoS mitigation service in collaboration with CenturyLink. The service is available to customers on both the main land UK and the Channel Islands and is offered as an "always on service" mitigating volumetric network based DDoS attacks. The service is based on mitigating DDoS attacks inline before they reach the client premises.



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**DDoS Mitigation Service features include:**

- Generic DDoS mitigation and protection
- Volumetric network protection
- Always on solution, building traffic profiles based on real-time traffic flows
- Line rate Network Behavioural Analysis and anomaly detection
- Highly scalable Attack Mitigation
- Extremely low false positive and false negative ratio
- Nine regional Scrubbing Centres
- 4.5 Tbps of attack – ingestion capacity

## TODAY'S CHALLENGES

Internet based attacks usually take the form of one or more of following:

**Network DoS:**

Saturating the network link of the victim to a point where they can no longer connect to external resources or be accessible by external resources. Typically network DoS attacks are executed from multiple sources and are referred to as Distributed DoS or DDoS.

**Host/Platform DoS:**

Overwhelming the computer resources of an infrastructure device in the network, such as a firewall, router or virtual server host, can significantly impact the availability of all or some of the infrastructure. Such attacks will typically target operating system vulnerabilities and infrastructure architecture bottlenecks.

## THE SOLUTION

With JT DDoS Attack Mitigation Service you will be protected against any common attacks as well as any new (zero day) attacks targeted against your Network. The JT DDoS attack mitigation service, uniquely offers uninterrupted application performance during attacks by only removing the attack traffic from the traffic path and only forwarding related clean traffic.

**To protect and migrate, not just detect network attacks, contact our Business Solutions team:**

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