

Distributed Denial of Service [DDoS] Mitigation Service

24x7 Everyday, around the clock, tracked, monitored and managed.

60%
of attacks target SME's*

**IT'S NOT IF,
BUT WHEN**
DDoS Defence for Everyone

Affordable Service Excellence

Quickly safeguard websites, applications or entire networks. Qube's managed DDoS service provides access to global scrubbing centres, backed by 24/7 proactive monitoring, and pre/post attack reporting. All protected by Level 3's globally spanning Threat Research Lab and Security Operations Centres [SOC].

Once an attack is detected the traffic is diverted into a designated scrubbing centre. The attack is analysed by both automated protocols and security experts and then mitigated. Only clean legitimate traffic is passed to the customer's site. This pushes the detection and scrubbing activity away from the core of the customer's network and more efficiently targets the takedown of malicious traffic. Once the attack has subsided all traffic can be re-directed back to its normal path.

How we do it

Qube's network-based security strategy is built around four essential actions:

PREDICT, DETECT, ALERT, SECURE.

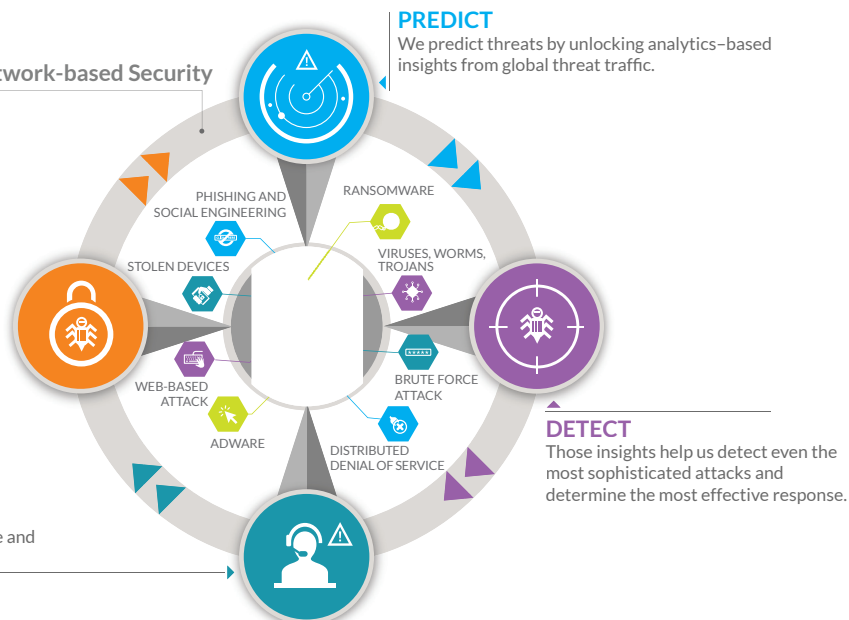
SECURE

We secure the network, protecting your business critical information and systems.

ALERT

We alert customers to the threat, provide details of our response and notify them of any further action they should take.

LEVEL 3 Network-based Security



* Data source - towergateinsurance smes-and-cyber-attacks

How it Works

We take control so you don't have to perform any actions other than respond to alerts raised by Qube Support.

Benefits of Managed DDoS Mitigation Service

- Provides flow based, 24/7 always on monitoring and alerting
- Provides network-based, unlimited mitigation during an attack
- Has globally spanning cloud based scrubbing centres (Over 4.5Tbps of capacity to absorb attack)
- Provides volumetric and application layer attack mitigation (Layers 3-7)
- Traffic not under attack passes directly through to other non effected systems without having to go through the scrubbing centres
- Available inside and outside of Qube's data centres
- Choice of secure connections from the scrubbing centres to customer data centre(s)
- Cost effectively protects IP address space against DDoS attack (vs. protection of website using the proxy based DDoS mitigation)
- Faster to deploy when compared to other DDoS Mitigation solutions
- Qube Support will assist directly in the qualification, deployment and daily management of the service which most suits your needs

Key Service Features

- Simplified on-boarding process and day to day management of the service
- Qube Support manage all interactions with the platform on behalf of the customer
- Service is delivered according to Qube's best practice guidelines
- Qube and our customers are directly protected by Level 3's purpose built Global Security Operations Centres, with follow the sun 24/7 proactive monitoring
- No need for physical maintenance windows and on-site equipment upgrades with Qube's DDoS Mitigation Service due to no customer facing hardware appliances
- Detailed activity reporting, showing any specific threats that occurred and as required for planning for expansion of activities and services
- Regular state of the nation report on the threats that are appearing across the internet and what steps are being taken to eradicate them

DDoS Mitigation Service Features	Proactive Service	Pure-Play DDoS Mitigation Providers
Host Level Re-routing and IP Filtering	✓	
Carrier Agnostic Detection & Protection	✓	✓
Off-Net Service	✓	✓
Globally Distributed Scrubbing Centres	✓	✓
Extensive Global Peering Capacity	✓	
Upstream Mitigation (ACL, Filtering, Firewall, Command & Control Take Down)	✓	
Cleansed Traffic over Private Connections	✓	
Application Layer	✓	✓
Dedicated Portal Based Incident Playbook	✓	
Peacetime Performance & Event Reporting	✓	Event only *
Competitive Fixed Pricing with Unlimited Mitigation	✓	

With over 15 years of expertise in providing approachable personalised services and critical support to companies who need Cloud hosting, Colocation, Managed hosting, CDN, and many other data centre services. Qube's approach with their clients ensures that every step in the coverage of their mission critical systems is 100% safe, secure, scalable and always available.

If you would like to know more about why we are so successful in a market dominated by large international providers, then we'd be delighted to arrange a time to talk.

