

## Internet Security Services

# DDoS Shield

In the last decade, **Distributed Denial of Service (DDoS)** attacks have become a threat on the Internet that almost every company has to face.

It is anticipated that in the future there will be more frequent, faster and increasingly complex attacks, making DDoS one of the main causes of lost revenue in an organisation. Being prepared for such attacks is critical and implementing security measures in order to protect and optimise not only your client's security but also your own network infrastructure is paramount.

Our **DDoS Shield** service provides you with a solution which **detects** and **mitigates** these types of attacks before they reach your network and that allows you to maintain and achieve high service levels due to the reassurance of having comprehensive protection against multiple digital vulnerabilities and threats.

### Key benefits:

#### Global visibility of a Tier-1 network

with a capacity higher than 8 Tbps

**Full protection** of your network

**Saturation of your Internet links is avoided**

**Detection and mitigation of any kind of attack,**

either volumetric or application attacks

**No restrictions** on the kind of services

that can be protected

**No billing shocks**

**Worldwide** 24x7 support

**Automated and customised reports with full online monitoring**

**Protection of SSL traffic**

**Maximum capacity:** higher mitigation capacity than other solutions in the market

The service is **adapted to your budget** and CAPEX investment is not necessary

Your network security is critical for your business. Backed up by **9 years' experience** in the market, our DDoS Shield service will give you full **protection** and maximum **mitigation** capacity for peace of mind.

## Service applications

**Two options are available:**

**Operators** - protection of your network infrastructure.

**Reselling** - sales channel for reselling the service to your corporate customers (B2B2C).

## Service features

**DDoS Shield will provide:**

**Granularity:** only the IPs attacked are diverted to the mitigation centres.

**Transparency:** the clean traffic is delivered back to your network without affecting the rest of your services.

**Reliability:** high availability of the mitigation centres.

**Low latency:** the traffic will be sent to the closest mitigation centre.

**Privacy:** statistical analysis maintains the privacy of the packets.

**Custom options:** making our service fit for your purpose.

## Service description

**DDoS Shield:** detects and mitigates DDoS attacks before they reach your network. It is able to identify malicious and legitimate traffic. The former is discarded while the legitimate part is re-directed to your network again.

### Detection:

Traffic flows are collected from our edge routers, and inform the creation of your traffic patterns on which detection alarms are based.

Profiles of the most common attacks are built and alert thresholds can be set up.

### Mitigation:

Worldwide scrubbing centres.

Traffic is diverted to the scrubbing centres in order to clean the malicious traffic.

## Client reports

The detection platform has a managed services and reports module, which provides an online portal for instant access to real-time data and statistics about mitigations actioned and traffic information.

