

WiTCOM DDoS SCHUTZ: PREMIUM INFRASTRUCTURE PROTECTION!

HOW DOES IT WORK IN DETAIL

WiTCOM DDoS SCHUTZ is a network based solution optionally available under your **WiTCOM PREMIUM INTERNETZUGANG**. An upstream infrastructure located in Germany filters the complete Internet traffic of your company according to defined rules in case high packet rates exist. If data traffic is unusual, it is not blocked immediately. WiTCOM undertakes **permanent network monitoring** and introduces appropriate measures to filter and **defend an attack** if data rates significantly rise. In addition, the customer can also pro-actively notify the WiTCOM hotline. **Filtering as used in upper network layers** is based on complex **statistical analyses** which are able to detect relevant unusual patterns in data traffic. Packets are discarded that reach a high packet-per-second volume and match a special attack pattern.

In-house hardware filters installed at the customer location protect the infrastructure behind the Internet connection. The website, server or outward communication, however, are **offline** and can no longer be reached. Redundant infrastructure, emergency power supply and the like become unnecessary when a DDoS attack targets the computer centre or the Internet connection. The attackers have reached their goal because of the high volume attack. Similar to **blackholing** (isolation of a connection) connectivity **totally fails**. Using the **WiTCOM DDoS SCHUTZ**, you will **remain online** in case of an attack and reachable for your customers and partners. In case of need, the filtering rules and defence measures can be fine-tuned individually. This assures optimum protection in any situation. Our partner assures **top level quality and development standards! – Made in Germany!**

YOUR ADVANTAGES AT A GLANCE!

- Cloud-based upstream solution without causing high investment costs as compared to in-house filtering hardware
- Availability of up to 99.9 per cent with 24/7 technical service availability and support by our network specialists.
- Protection of your infrastructure from volume based attacks before they reach you.
- No blackholing and, consequently, no failure of your infrastructure – your business remains online and reachable.
- Data traffic monitoring and analyses by WiTCOM as well as individual notification from you to our hotline.
- Optimum protection by adapting defence measures to the attack. Response to timely modified attacks.

Are you interested as well? Give us a call: 0611 -26244-0



INTERNETZÜGÄNGE



STANDORTVERNETZUNG



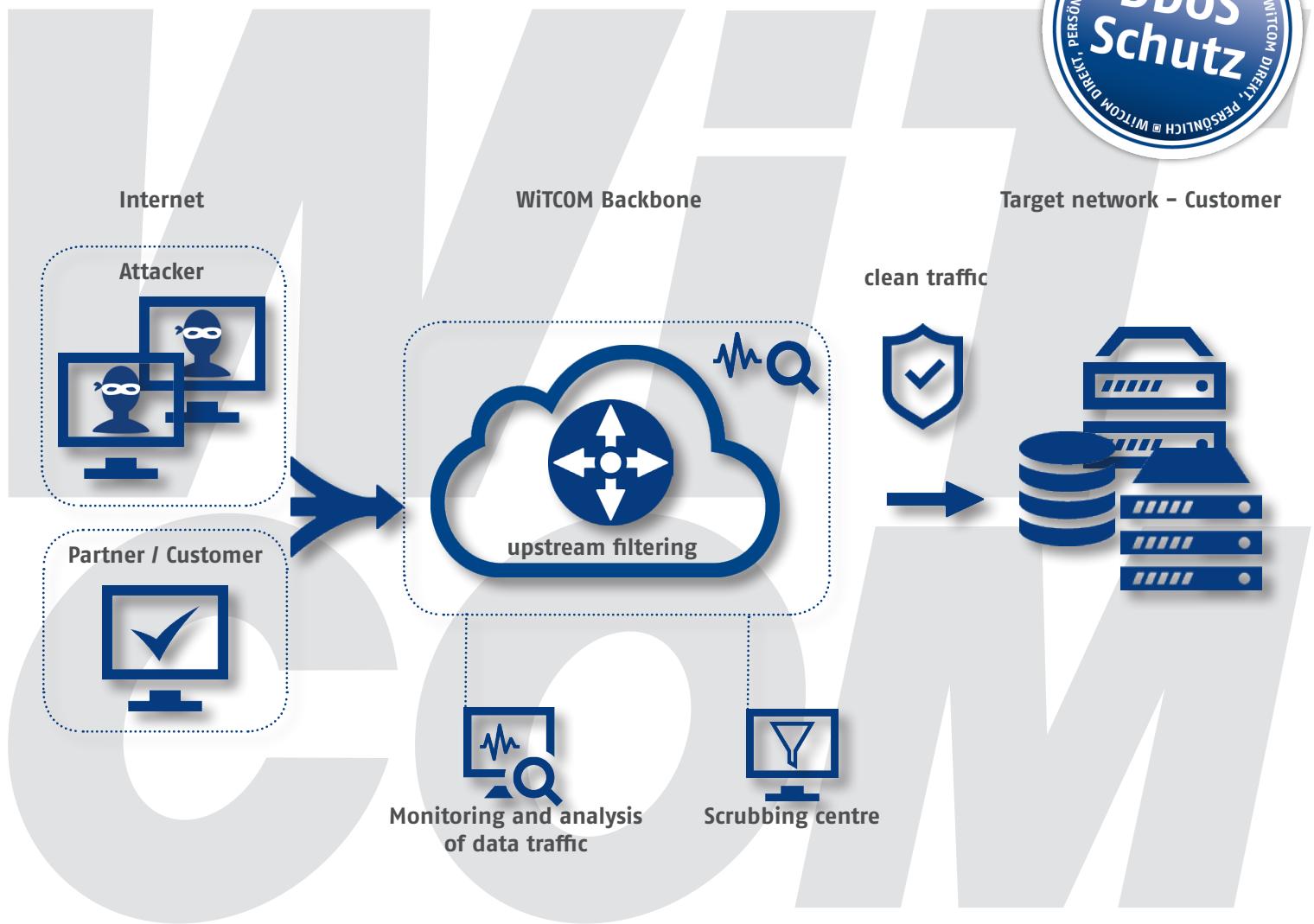
DATACENTER



TELEFONIE

WiTCOM DDoS SCHUTZ: PREMIUM INFRASTRUCTURE PROTECTION!

Anti DDoS protection for your infrastructure – **Made in Germany**.



WHAT IS WiTCOM DDoS SCHUTZ?

Assaults and threats by cyber criminals and cyber terrorists increase steadily. In the past years, half of all German enterprises faced such assaults. Hundreds of thousands of infected servers in so-called botnets on the Internet lead enormously heavy attacks with their magnitude ranging between several hundreds of Mbit/s up to Tbit/s. These distributed assaults are also called **Distributed Denial of Service (DDoS) attacks** and figure among the most disastrous types of attacks because of the many sources and the high impact they have. These attacks flood single hosts or complete networks and make them unavailable. The complete breakdown not only causes **financial damage** but also leads to **loss of goodwill**, data as well as confidence. No business can afford to be **offline**. Recovering from these damages, such as loss of goodwill, demands the investment of many resources. Confidence has waned and impatient users might look for competitors. In addition, data theft has far reaching consequences. **WiTCOM DDoS SCHUTZ** supports you in continuing your business in case of an assault, in staying **online** and **reachable**, and protects your infrastructure from assaults **before they reach you. Take action now!**