The Revolution in IT SecurITy...
…so Malware won't get in your system!

Blue Shield Umbrella

BlueShield

Heuristic methods and pattern recognition do not correspond adequately with the latest state of technology. Blue Shield Umbrella utilises specific mathematics for its anomaly recognition, this makes malware predictive and transparent. Latest technology and the input of several Security Providers coupled with advanced analytics – this is the innovative combination that ensures perils are not only recognised but also preventively blocked.

The most innovative and modern malicious software recognition in real time via central cloud based Threat Intelligence.

Inspection takes place outside your LAN - thus, potential malicious software cannot get into your net at all.

The combination of familiar recognition methods and predictive computation through mathematical algorithms provides best protection against malware.

**Protects all IP based devices even those located outside the corporate network.**

Blue Shield Umbrella

FEATURES

Innovative, technical concept

- Instead of the usual root-DNS-server, the Intelligence DNS Centers are requested for name resolution. These communicate with the European Threat Intelligence Defence Center and retrieve an assessment of inquired names from there in real-time.
- In case a name is blocked, the inquiring server will be informed and the clients receive a notification about the respective blocking.
- Through this innovative technology, an attack will be prevented before it takes place as the download of malicious codes is thwarted; in addition, the function of already existing botnets, Trojans or the likes is put at a stop.
- Communication with the control servers is no longer possible and the malware becomes ineffective. Thus it becomes transparent in the LAN, since the communication with the control servers doesn't work but is still sought;
- The European Threat Intelligence Defence Center inspects, with the help of numerous techniques, the inquired servers for compromise and saves results accordingly within a database. Thereby, mathematical computations are included. Not only will perils be recognised but systematically locked out.
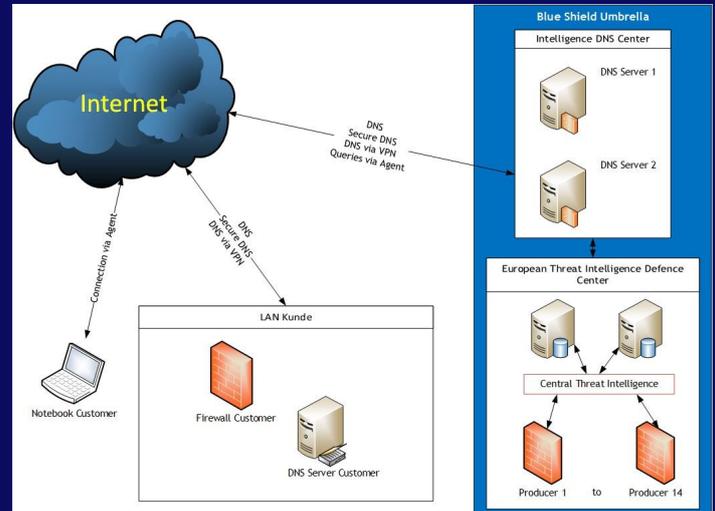
- Furthermore, IT security mechanisms are drawn from a pool of the currently 14 biggest security producers and are incorporated in the assessment. This represents the most extensive and securest procedure to assess websites and mail servers in the internet at present.

The advantages of Blue Shield Umbrella at a glance

- The combination of established recognition methods and predictive computations through mathematical algorithms provides best protection against malware – in real-time via cloud based Threat Intelligence
- Inspection takes place outside your LAN; therefore, potential malicious software cannot get into your net
- Simplest implementation and roll out
- No software installation in the LAN necessary
- No consumption of valuable resources such as processing power, internal memory or hard drive
- No update mechanisms necessary; therefore, no reviews of any update functions
- No administrative effort
- Averted risks and measured efficiency accessible at the client's portal
- Independent from the IT landscape and operating systems in the LAN
- Protection also given with older systems, e.g. Windows 95 or XP
- Protection of proprietary systems and industrial IT components
- Absolutely no transmission of personal data

The target groups of Blue Shield Umbrella

Blue Shield Umbrella is suitable for every size of enterprise, as well as every imaginable line of business. Regardless of whether it is commerce, production, distributor or other branches of industry – everyone benefits from this innovative technology. Due to the easy implementation, it is possible to provide protection fast and sound.

Particularly interesting is Blue Shield Umbrella for carriers. Through a central rollout and the central control of your clients' gateways, their protection can be increased significantly. Besides, an additional advantage can be drawn from this; the protection may be sold as supplementary business with an internet connection.

Even private persons and households can protect themselves easily by means of the Blue Shield Umbrella technology. By simply changing the name resolution at the gateway, the protection at home is guaranteed immediately and viable for the non-professional.