The modern antivirus solution: Application Whitelisting
Advantages

Every day, around 350,000 new viruses and other malware enter circulation. Professionally organized, criminal gangs use Ransomware to paralyze your company to the point of inability to act, which can result in a serious threat to your company's existence.

In contrast to virus scanners, which work according to the blacklisting principle and can therefore only protect against already known malicious code, whitelisting basically enables you to protect against all unknown threats. Even virus scanners with heuristics or features such as machine learning will never achieve this level of protection.

The German IT industry association Bitkom estimates the annual damage caused by malware in Germany alone at around 55 billion euros.

Tendency rising.

seculution
application whitelisting

Key Advantages of Whitelisting

Broadly speaking, whitelisting keeps you one step ahead of any attacker.

Application whitelisting has the advantage that only known applications can be executed. This „Default Deny" approach drastically reduces the attack surface and downtime of the protected systems as well as the performance required for protection.

The **secu**lution solution secures Windows systems through application whitelisting. All applications on the whitelist can be executed. Ransomware, Trojans and viruses no longer stand a chance.

Virus scanner or whitelist?

All virus scanners are based on the principle of blacklisting and can therefore only protect against malicious code that is already known. Thousands of new infections on systems on which current virus scanners have promised protection prove this every day.

That is why government organizations worldwide - especially since the worldwide Locky malware wave 2015 - recommend application whitelisting as primary anti-virus protection. The operating principle makes it possible to react adequately and effectively to today's threats.

About seculution

seculution GmbH was founded in 2001 by Managing Director Torsten Valentin. The German software manufacturer has been developing and marketing the patented antivirus software „**secu**lution" since then worldwide and is a leader in securing companies through application whitelisting.
Thus, **secu**lution can even protect against unknown attacks, whether they are ransomware, viruses or espionage attacks. You can use the **secu**lution Server on-premise or web-based.

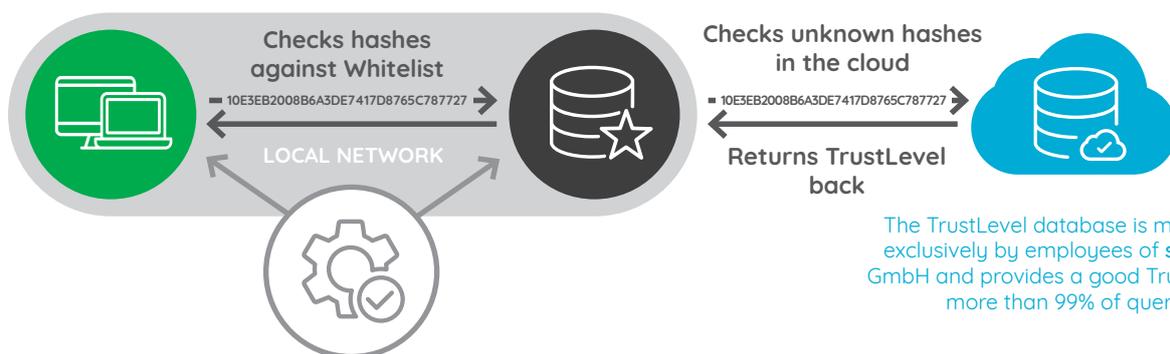**Convince yourself and test seculution for 60 days!**

How it works

Agent
Before starting a software, the agent checks on every protected PC whether the hash of the application is on the whitelist.
If the hash is not known, the execution is denied.

Server
The server contains the whitelist that you maintain. If a hash is unknown here, the server checks the TrustLevel in the **secu**lution cloud and learns the hash automatically if there is a positive

seculution Cloud
seculution maintains a cloud-based database with hashes of trustworthy software in a German computer centre. **secu**lution evaluates how trustable a hash is with so-called TrustLevels.

Checks hashes against Whitelist
10E3EB2008B6A3DE7417D8765C787727
LOCAL NETWORK

Checks unknown hashes in the cloud
10E3EB2008B6A3DE7417D8765C787727
Returns TrustLevel back

The TrustLevel database is maintained exclusively by employees of **secu**lution GmbH and provides a good TrustLevel for more than 99% of queries.

AdminWizard
In the AdminWizard, you maintain the objects in the whitelist and can specify which application and which USB device can be used by which user.
You configure the agent and the server here.

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