Stop the thieves

– with a revolutionary data security patent

Virus protection is all very well, but it only prevents around 60 percent of all infringements. Now, there's a new solution on the market that makes data theft completely impossible.

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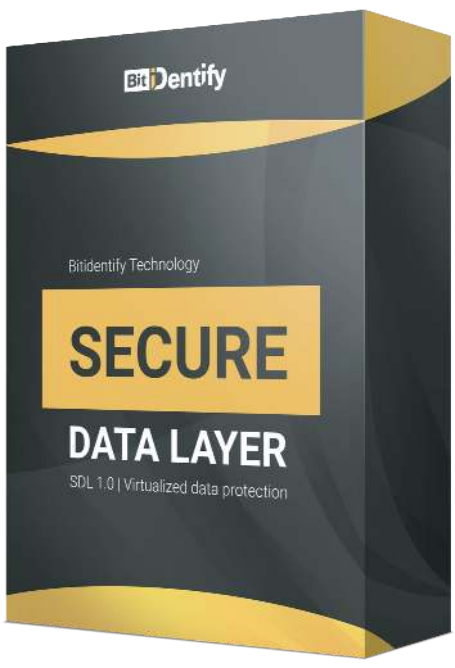
Data breaches and theft of information are major problems in today's society. Huge sums of money are lost every year and companies can lose billions when, for example, their patents are stolen and ideas produced and sold by their competitors. In 2018, 43 percent of all small companies were hacked and a total of five billion files were stolen. The cost of this globally reached 3,900,000 USD per attack. In the same year the number of ransomware attacks increased to 206 million, with the damage caused costing 133,000 USD per attack.

There's nothing new about countries being out to get information from other countries. In both the business world and negotiations undertaken during states of war, those who have access to their enemy's information have a strong advantage. These days the classic spy networks with men in hats and long raincoats exchanging documents stamped



Top Secret in dark alleyways are nothing more than a memory. Theft of top secret information is, unfortunately, still a reality – it has just changed its arena and continues its unrelenting progress on the internet instead.

Companies are becoming increasingly aware of online security threats, but firewalls and virus protection are not enough to prevent all types of breaches, and data thefts continue, despite the efforts made to stop them. Virus protection is only 60-65 percent secure. This is because it can only identify and prevent viruses that it is programmed to recognise, which leaves room for unknown viruses to find ways into systems.

Klaus Drosch, founder of Bitidentify and the man behind the revolutionary patent on which the company's technology is based, has been working to try to solve the problem of data breaches for a long time.

His data security patent has now been transformed into software that has just been launched and there are plans to launch hardware in the future. Klaus explains how the technology works:

"Even if somebody hacks into the system, they can't steal information. If anybody does get into the computer, it will be locked immediately. It works in the same way as Fort Knox, which houses a large proportion of the USA's gold reserves. Even if a virus is let in accidentally, it can never extract any information," he says.

The software technology is patented and subject to continuous improvement. The hardware, which is due to be released early next year, is described by Klaus as 100 percent secure in every situation, where only the authorised user can grant access and then specify how many bits can be sent out so that no virus can slip into files containing information classed as confidential.

The software solution is based on having two working environments in one and the same computer – one secure environment with no connection to the internet (where all sensitive information is stored) and one environment that is connected to the internet (where all daily tasks and ongoing work are carried out). Without the internet, hackers are not able to access the stored files.
"Viruses could possibly get into the software program through human error, but no data can be transmitted via the software," says Klaus.

Bitidentify customers will be those in possession of vital information that is important to entire nations. They could be large companies, governments, authorities or military organisations.
"Companies that are crucial to the GDP of an entire country must protect their products, their production, their patents, their financial plans and so on," explains Klaus. "For example, it shouldn't be possible to hack into the judiciary so that criminals can prepare their defence, but it's happening all the time. With our solution, this scenario would be completely impossible. If governments, industries and defence services installed Bitidentify, there would be a noticeable difference to GDP after just one year of use," says Klaus.

Written by: Anna Bjärenäs

BitIdentify