

Ransomware attacks paralyse the world

Application Control - the most effective remedy for Ransomware

The Challenge

The word "Ransomware" is on everyone's lips right now. The attacks of recent times have paralyzed public transport, industrial companies and even hospitals. So it would be a crime not to protect yourself against this. In some reports you could read that a backup solution and antivirus software with the latest signatures constitutes safe protection. But is that really enough?

Analysis of recommended measures against Ransomware

If you look at the recommended measures against Ransomware, the answer to the question above can only be **no**:

1. **Patch Management:**

Helps in most cases only against the spread of malicious software, but seldom or not at all against the Ransomware itself.

2. **Regular backups:**

You should do this regularly anyway. However it does not help against Ransomware, but rather only limits the damage.

3. **No local saving of files:**

Can help, but not necessarily. It can, however, make daily work far more difficult. The more flexible you try to design it, the more counter-productive it gets.

4. **Awareness - i.e. informing employees:**

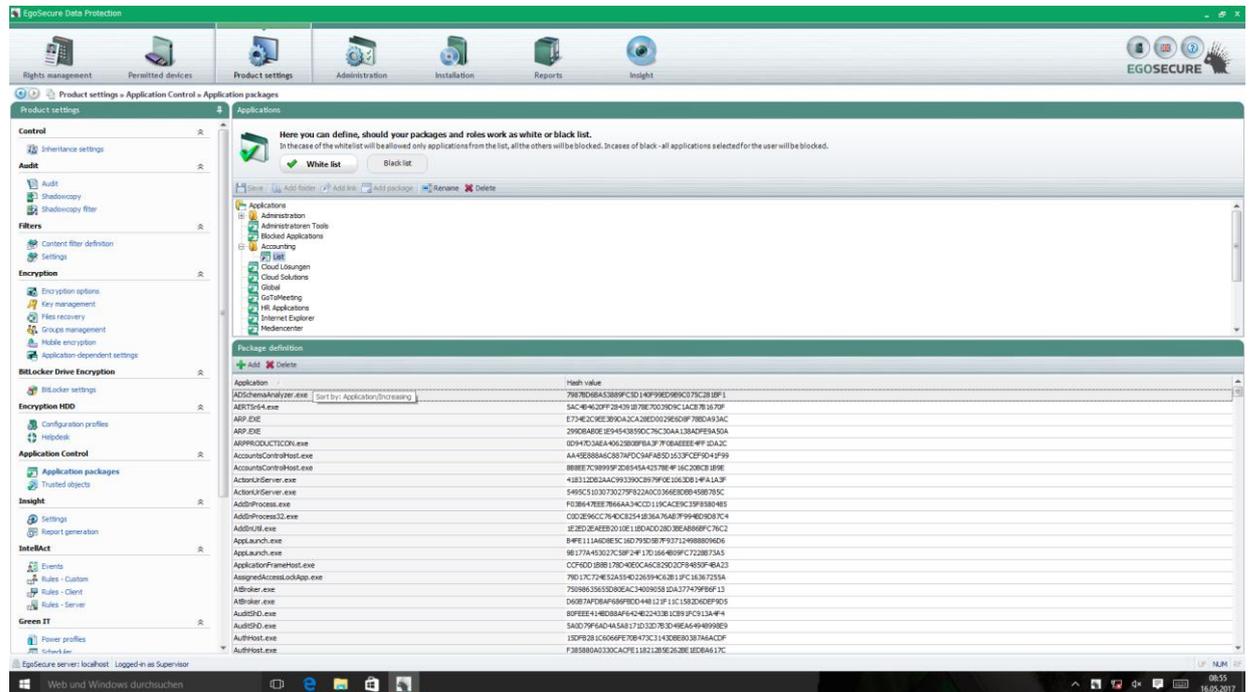
No matter how often someone is informed, mistakes are always made. In addition, the attacks are becoming more sophisticated, so it is far too dangerous to leave protection to the user, especially if there are tools to ensure that protection is relatively reliable.

5. **Antivirus solution:**

An antivirus solution is generally a must, but only helps against known viruses and Trojans. All new malicious software versions have a free hand for several hours, and even several days.

Protection against Ransomware with EgoSecure

The most effective protection component is usually completely overlooked - an Application Control with a Whitelist of the approved applications. How this works is simply explained - imagine, you have to regulate access to your company. Would you give your doorman 350,000,000 photos of all the known criminals in the world? And would you also describe to him the patterns that make someone who's not in this list suspicious, for example, because he's wearing a mask? Alternatively, you could give the porter a list of the 20-30 people who are allowed to enter the building. Furthermore, all others would have no access, and could only be added to the list after a review. This way is not only easier but also much safer.



And this is how Application Control works. It is a very useful extension for any anti-virus tool in any event, because it can not only stop known, but also unknown viruses and Trojans. And exactly this additional function helps against Ransomware particularly well.

The Application Control module from EgoSecure can be implemented in just a few minutes, and immediately increases security significantly. There are different scenarios for how to maintain the function:

- Register a clean computer with all the programs that are permitted on it
- Register all products that need a specific role with application with learning mode
- Release of all products from a particular software vendor, e.g. Microsoft etc.
- Release all programs installed by an administrator or by the software distribution.

Everything is possible and makes Application Control from EgoSecure extremely flexible and easy

EgoSecure – a simply beautiful solution

With EgoSecure Data Protection, the German security specialist EgoSecure has been the innovator in comprehensive data protection solutions for over 10 years. Not only compliance with current laws and industry norms are supported. Data is also secured at all endpoints, throughout the entire business process. EgoSecure is the first manufacturer in the world to combine the analysis of data and the corresponding protection modules in one solution. Both are closely linked by a management console, a database and an installation and administration concept. This guarantees quick installation and easy administration, as well as minimal training effort for users. Our motto: "We make the complicated things easy".