

### What is Ransomware?

Ransomware is a global problem growing at over 100% per year, more than 600 million ransomware attacks were registered in 2021 alone.\*

Attacks result in business downtime, compromised backups and multi-week restores and remediation. No organization is safe from attack, businesses, public sector or education.

### Backups are insufficient

- Backups may be compromised
- Ransomware often disables the backup functionality
- Rolling back all data from snapshots and backups leads to unnecessary data loss

### Endpoint protection & firewalls are insufficient

- Hackers use innovative forms of phishing and social engineering to surpass them
- Firewalls and endpoint protection don't help against insider threats

### CryptoSpike storage protection

ProLion's CryptoSpike is a proactive ransomware protection tool for ONTAP file shares based on the principal of access transparency. CryptoSpike helps through alerting, user blocking and a granular restore functionality.

### The key protection features are:



#### Behavior Analyzer:

every data transaction is scanned in real-time and anomalies are detected immediately



#### User Blocking:

suspicious users are automatically prevented from accessing any data



#### Auditing:

all relevant information regarding the number of affected files and the file paths is made available



#### File Restore:

only encrypted data will be recovered, all unaffected files remain unchanged

✓ **Proactively monitor** 1,000s of threat indicators in real-time

✓ **Full data visibility** with traceability of access at the file level

✓ **Integrate** into the existing SIEM platform

✓ Ability to **customize monitoring policies** by volume or department level



**Block known threats** ✓ that get beyond the endpoint protection

**Restore** ✓ only what you need to restore down to a single file via snapshots

**Deploy** ✓ within three to five hours, on-premises or in the cloud

\*<https://www.sonicwall.com/2022-cyber-threat-report/>

### Contact us

Let's keep your company safe. Our highly skilled team of cybersecurity specialists will be happy to advise you on how to protect your ONTAP system from ransomware and other threats.

Feel free to get in touch via our website or email us at [office@prolion.com](mailto:office@prolion.com) for a free consultation.