Ransomware continues to evolve and infect businesses of all size, public sector, power companies, education, hospitals, etc. In 2018, an estimated $8 Billion in ransom was paid to anonymous attackers. The statistics are shocking: ransomware attacks are up by 365% from Q2 2018 to Q2 2019. They are becoming more targeted, sophisticated, and successful.

Unfortunately, many ransomware attacks continue to compromise organizations, despite the deployment of state-of-the-art prevention solutions. For example, 77% of organizations infected with ransomware were running up-to-date endpoint protection.

Also ransomware may lay dormant for weeks and may even delete your backups prior to the attack, leaving you with no way to recover the data.

Your last line of defense

As the last line of defense against ransomware, companies must leverage backup and data recovery processes with well-defined frequency, as well as storage features like Continuous Data Protection, which takes immutable snapshots of the complete data set.

Should a ransomware attack occur, encrypting the data and corrupting the primary file system, the snapshots are completely unaffected, immune from any modification or deletion. Following an attack containing ransomware, data recovery is quick, from either snapshots or backup images. Businesses must also include a disaster recovery plan with cloud or offsite replication of backed-up data, and with periodic testing of the data recovery plan.

StorageCraft to the rescue!

StorageCraft’s powerful data protection, management, and business continuity solutions deliver instant, reliable, and complete data recovery in the event of a successful ransomware attack, and eliminate downtime. Our ransomware recovery solutions include the following products.

- **ShadowXafe**: This next-generation data protection solution features unified SLA-driven management and tight integration with StorageCraft Cloud Services for true one-click disaster recovery as a service (DRaaS). Should a ransomware attack occur, you can recover data instantly from booted backup images: files in seconds and entire systems in minutes.

- **Cloud Services - DRaaS**: With the right Disaster Recovery as a Service (DRaaS), businesses can survive most disasters. They can replicate backups to the StorageCraft Cloud where ransomware can’t reach them. StorageCraft Cloud Services helps organizations to quickly retrieve data, virtualize machines, and re-create their network with customized cloud configuration.

- **OneXafe**: OneXafe is a converged data platform that unifies enterprise-class data protection with scale-out storage in a highly scalable and configurable solution to satisfy the demands of organizations of all sizes.

OneXafe protects your data with continuous immutable snapshots, every 90 seconds, that simply cannot be overwritten, encrypted or deleted by ransomware or users, thanks to its patented distributed object store that prevent this to happen. OneXafe consolidates the components for managing storage, local backups, onsite and offsite replication, disaster recovery as-a-service (DRaaS), and their corresponding retention schedules all in a single place.

Never pay the ransom with StorageCraft!