REDITE.
Cyber & Data Security

AUTHORISED DISTRIBUTOR **SentryBay** ASIA PACIFIC

CryptoSentry

PEACE OF MIND AGAINST RANSOMWARE

Ransomware is the fastest growing malware threat over the past few years - affecting both homes and business. It is perceived as a significant threat by 80% of users (source: CyberSecurity Insiders, 2017 Ransomware Report)

News headlines atre frequently dominated by damaging consequences of the latest ransomware attack - WannaCry, Petya, CryptoWall, CryptoLockers, and Locky made major headlines. Other less-known variants have caused enormous damage - Cerber, Mamba, TeslaCrypt, and JigSaw amongst them.

Ransomware is an attack on the availability of data. Whilst it sometimes prevents access to a computer, by far the most common approach is to encrypt data files (such as Microsoft Office files) to prevent proper use of the computer.

Criminal gangs have successfully made fortunes from Ransomware. CryptoLocker generated $30m in its first 100 days. CryptoWall made $18m from its first 1000 victims. Angler made its operators $5m per month. Because of these returns, Ransomware is not going away any time soon.

The cost of losing access to data files is massive - both for individuals' personal data (emails, photos, documents etc.), as well as for businesses (financial, personnel, operational data).

The main approach to solving the problem is to try and block ransomware using anti-virus (which has limited effectiveness) or to back up files and try to restore them in the event of an attack.

However, CryptoSentry has a more elegant solution to the problem.

HOW CRYPTOSENTRY WORKS

STOPS ENCRYPTION — DATA FILES · SECRET FILES · WORD FILES

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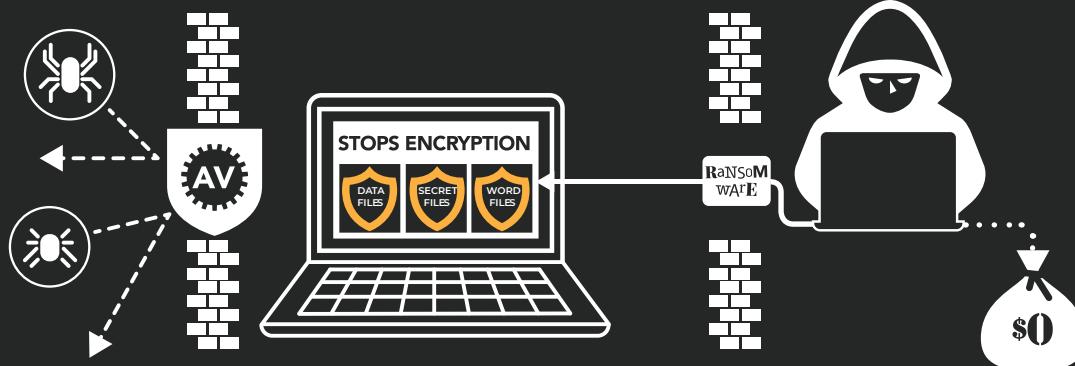
The most effective solution is to prevent the desired impact of ransomware i.e. stop encryption of files. This is how SentryBay's CryptoSentry operates.

WHAT IT DOES...
· Software installed on user's Windows PC or laptop.
· Software constantly monitors activity on PC looking for suspicious encryption activity.
· If algorithms determine suspicious activity, **CryptoSentry proactively prevents file encryption**
· User is able to view (and alter) the encryption blocked by CryptoSentry, if desired

BENEFITS...
· Protects against file encrypting ransomware not detected by anti-virus - even new threats
· Software does not need regular updating to be effective
· No user education or action required – CryptoSentry does it all for the user
· Software can be branded to partner, and level of customer notifications and interaction can be customised
· By far the most effective solution against ransomware

WHAT THE INDUSTRY SAYS

"Ransomware is forefront in our customers minds these days due to the scary publicity of recent attacks. Everybody followed the travails of the NHS attack."
UK Commercial Bank

"Whenever we hear from our customers about their cyber security fears, ransomware is top of the list. There is widespread awareness of this pernicious threat"
Global Insurance Company

"Ransomware attacks have eclipsed most other global cybercrime threats. Ransomware has widened the range of potential malware victims."
Interpol

"Ransomware has taken the cybercrime threat to another level. The WannaCry attack was unprecedented in its scale. What has occurred has been an indiscriminate attack across the world on multiple industries and services."
Rob Wainwright, Executive Director Europol

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