



# Anti-Ransomware

Comprehensive Threat Protection

**SEA**<sup>TM</sup>

**SOFTWARE ENGINEERING OF AMERICA**  
PHONE 516.328.7000 SALES@SEASOFT.COM WWW.SEASOFT.COM

# Anti-Ransomware

## ISECURITY ANTI-RANSOMWARE PROTECTION

Anti-Ransomware protects against ransomware that finds its way onto your IFS via mapped/shared drives. Ransomware duplicates, deletes & encrypts data files on a computer system until a sum of money is paid to the malicious actor. Since the IBM i is no longer an isolated platform, there is a real risk of ransomware spreading to devices and systems via networked drives & cloud storage services. IFS directories have become unintentional propagators that most organizations still aren't paying attention to. Ransomware encrypts every data file that it has access to, leaving organizations feeling paralyzed, exposed and without many options.

## THE ISECURITY ANTI-RANSOMWARE SOLUTION

The iSecurity Anti-Ransomware module quickly detects high-volume cyber threats deployed from an external source, isolates the threat, and prevents it from damaging valuable data that is stored on the IBM i, while preserving performance. Anti-Ransomware is a proactive solution, designed to recognize & protect the system quickly and efficiently from known and unknown threats as soon as malicious activity is diagnosed.

The Anti-Ransomware module identifies ransomware activity in real-time and takes the necessary measures to alert, take action & stop it in its tracks.

## FEATURES OF ISECURITY ANTI-RANSOMWARE

- Identifies, stops, delays, and reports on ransomware attacks in real-time
- Based on a combination of methods which identify behavioral characteristics, such as activity on files, names, extensions, encryption status, and honeypots
- Classifies the dangers and determines the appropriate way to quarantine & neutralize the ransomware, based on customer configuration & system setup
- Suspends the attack by quarantining offending files/systems, while alerting the relevant administrators in real-time via QSYSOPR message queue, email and syslog
- Provides a full audit trail, complete with logs and a robust query generator with the ability to export reports in spool files, PDF, HTML & Zip formats
- Ransomware signatures updated from the web every two hours utilizing Cisco's ClamAV
- Offload scanning processes to ICAP server in order to improve IBM i system resource utilization

## ABOUT SEA

Established in 1982 Software Engineering of America has built a worldwide reputation as a leading provider of data center software solutions. With products licensed at over 10,000 data centers worldwide SEA's customers include 9 of the fortune 10 and over 90% of the Fortune 500.

[SEASOFT.COM](http://SEASOFT.COM) (800) 272-7322 [SUPPORT@SEASOFT.COM](mailto:SUPPORT@SEASOFT.COM)

