

2024

MALWARE AND RANSOMWARE DEFENSE REPORT

INSIGHTS ABOUT THE BATTLE WITH THE CRIMINAL UNDERGROUND

#1 THREAT

RANSOMWARE

REMAINS THE TOP SECURITY THREAT ACROSS ALL SECTORS

DANGER!



HIGHEST RISK INDUSTRIES

FOR A FUTURE RANSOMWARE ATTACK

- INSURANCE
- HEALTHCARE
- MANUFACTURING
- HOSPITALITY
- TRAVEL & TOURISM

ORGANIZATIONS IN THE LAST 12 MONTHS

AFFECTED BY RANSOMWARE **ONCE** OR MORE **92%**

AFFECTED BY RANSOMWARE **TWICE** OR MORE **75%**

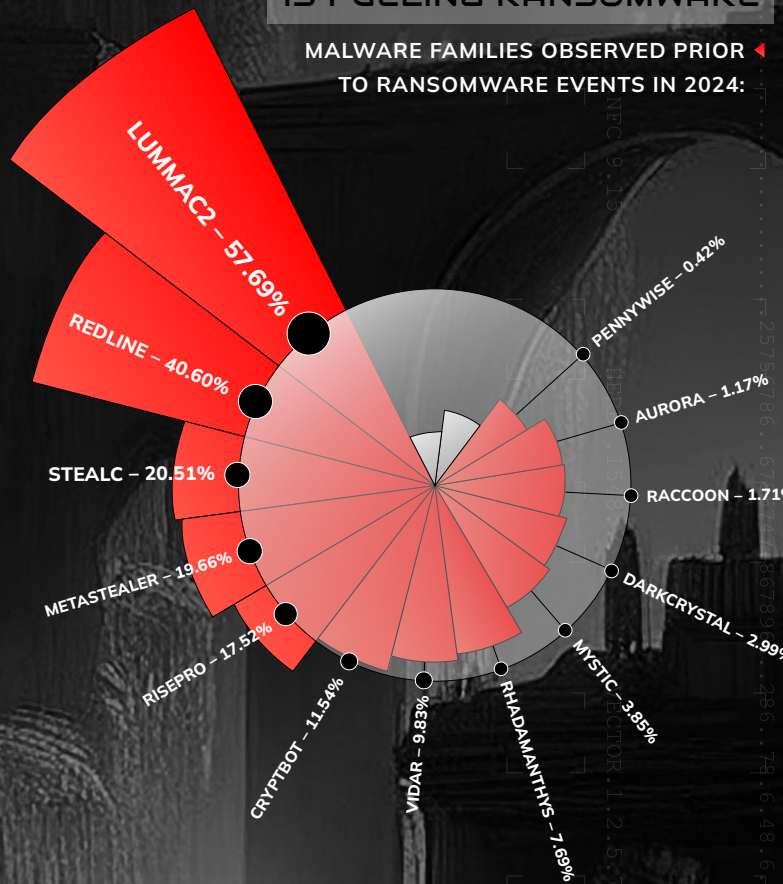
PAID A RANSOM **62%**

SPENT **MORE THAN \$1M** IN CUMULATIVE COSTS **44%**

INFOSTEALER MALWARE

IS FUELING RANSOMWARE

MALWARE FAMILIES OBSERVED PRIOR TO RANSOMWARE EVENTS IN 2024:

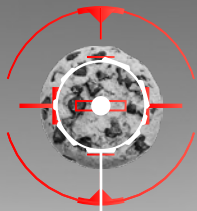


54%

OF DEVICES HAD AN ANTIVIRUS OR ENDPOINT DETECTION & RESPONSE (EDR) SOLUTION INSTALLED AT THE TIME OF MALWARE EXECUTION

INFOSTEALERS

ALSO TARGET SESSION COOKIES



NEWEST RANSOMWARE ATTACK VECTOR

MFA BYPASS VIA SESSION HIJACKING

ALERT!



FUTURE SECURITY PRIORITIES

- RANSOMWARE PREVENTION CAPABILITIES
- VISIBILITY & REMEDIATION OF COMPROMISED CREDENTIALS & MALWARE-EXFILTRATED DATA
- AUTOMATING SECURITY PROCESSES & WORKFLOWS
- BETTER ADDRESSING THIRD-PARTY RISK

READ THE REPORT

GET THE UPPER HAND ON WHATEVER THREATS SURFACE FROM THE UNDERGROUND NEXT...

VISIT [SPYCLOUD.COM](https://www.spycloud.com)

INSIGHTS FROM MORE THAN **500** security professionals

THE WORLD'S LARGEST RECAPTURED RECORDS COLLECTION

SpyCloud PREDICTION MODEL