

— RANSOMWARE VALIDATION REPORT

Threats, **Quelled.** Every single one.

Drawn from a third party validation report by **SecureIQLab**, conducted from **January to April 2026**, across 600 ransomware samples and 195 unique families. As ransomware remains one of the most significant and rapidly evolving cybersecurity threats, modern security solutions must demonstrate both high detection accuracy and consistent, reliable response across a wide range of scenarios.

— DETECTION RATE · IN-THE-WILD SAMPLES

100%

of samples identified and blocked

Behavioral detection that generalizes beyond signatures.

QuellSecure flagged samples spanning legacy variants and modern hybrid-encryption strains, including fileless techniques, without prior knowledge of specific signatures.

Validated by SecureIQLab · 24 April 2026

SAMPLES EVALUATED

600

499 in-the-wild plus 101 custom-built variants engineered to simulate realistic attack behaviors.

UNIQUE FAMILIES

195

Distinct ransomware families represented, both legacy and modern strains.

AVG. FILES BEFORE CONTAINMENT

12

Threats were contained almost immediately on execution, before lateral spread.

Three things to take away.

01

100% detection of in-the-wild ransomware

Every one of 499 active-environment samples flagged on execution. No misses, no partial blocks.

02

Strong posture against evolving threats

Coverage held across symmetric, asymmetric, and hybrid encryption, and across fileless variants in the custom corpus.

03

Rapid containment with minimal impact

Only 12 files encrypted on average before quarantine and process termination, confirmed in AgentUtils logs.

— CONCLUSION

QuellSecure is well-positioned against modern ransomware.

Behavioral detection generalized cleanly beyond specific signatures or variants. Across 600 samples and 195 families spanning legacy and modern cryptographic implementations, the system consistently identified malicious activity and executed appropriate containment, quarantine and termination, with mitigation confirmed in agent logs.