Advanced Threat Defense (ATD) Testing Report
Standard ATD and ATD-Email

ICSA labs
An Independent Division of Verizon

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Solution Tested

FORTINET

Advanced Threat Protection Solution

Components

FortiGate 500E: v7.0.1, build157(GA)
FortiClient: v7.0.1.0083
FortiSandbox 3000F VM: v4.0.1, build0056(GA)
FortiMail VM - v7.0.1(GA), build161
Fortinet EMS - v7.0.1, build0103

Test Cycle
Q4 2021

30 Days
continuous testing

Threat Vectors

In testing, ICSA Labs delivers malicious threats with the primary threat vectors that lead to enterprise breaches according to Verizon's Data Breach Investigations Report (DBIR)

STANDARD ATD TEST SET

TEST RUNS
1485

MALICIOUS SAMPLES
733

INNOCUOUS APPS
752

ATD-EMAIL TEST SET

TEST RUNS
1467

MALICIOUS EMAIL
694

INNOCUOUS EMAIL
773

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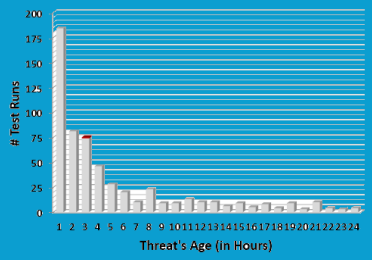
Standard ATD Effectiveness

Malicious Threats Detected / Not Detected

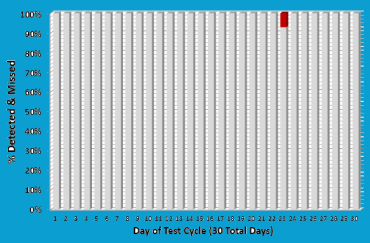
732 1

99.8%

Fortinet ATP was nearly 100% effective during the Q4 2021 test cycle, detecting all but 1 malicious threat



Of 385 threats 4-hours old or less, Fortinet ATP missed just 1



On 29 of 30 days during the Q4 2021 test cycle Fortinet ATP was 100% effective and always at least 92% effective

Standard ATD False Positives (FPs)

Wow! Not a single innocuous app was improperly categorized as malicious

752 0

Low Percentage of FPs

0%

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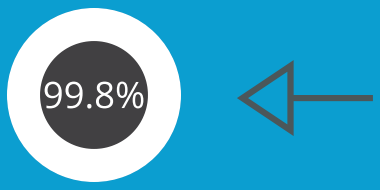
ATD-Email Effectiveness



Fortinet ATP was nearly 100% effective at blocking malicious threats in email during the Q4 2021 test cycle, detecting all but 1 malicious emails

Malicious Threats Detected/Not Detected in Email

ATD-Email False Positives

Fortinet ATP properly handled all but 2 legitimate, non-malicious email messages

Percentage of FPs

ICSA Labs ATD Certifications
Attained by Fortinet ATP Solution

Standard ATD

ATD-Email

Consecutive Test Cycles Successfully Passed ATD:	Consecutive Test Cycles Successfully Passed ATD-Email:
1	1