

Virus Bulletin

Covering the global threat landscape

VB100 TEST REPORT



CMC Cybersecurity

CMC Malware Detection and Defense



July 28, 2025



Test result
Test passed



Detection grade
Grade B



Certification
92.30% malware detected



Clean
0.000% false alarms

Quick Summary

Product version

3.1.0

Test date:

July 1, 2025

Test methodology

VB100 1.7 [Link](#)

Test platform

Microsoft Windows 11 Pro, 64-bit, 10.0.26100

July 28, 2025

VB100 TEST REPORT



Executive summary

We tested **CMC Malware Detection and Defense** (version 3.1.0) on July 1, 2025, on Microsoft Windows 11 Pro, 64-bit, 10.0.26100, as per the 1.7 version of the VB100 methodology.

The tested product has successfully met the VB100 test criteria, with a malware detection grade of B.

Test criteria:

- The product must detect at least 75.00% of all test cases in the Certification set (malicious samples).
- The product must not generate more than 0.05% false alarms in the Clean set (legitimate program samples).

Where to find more details

For detailed test results, please consult the rest of the report. You may also find the links below useful for up-to-date information on how to interpret the report data.

- **Report reader's guide** [Link](#)
Everything you find in this report, explained.
- **Testing methodology, version 1.7** [Link](#)
Learn exactly how we test.
- **VB100 on the web** [Link](#)
VB100 news and certified products.

AMTSO Standard Compliance

Virus Bulletin executed this test in accordance with the AMTSO Standard of the Anti-Malware Testing Standards Organization. The compliance status can be verified on the [AMTSO website](#).

Test sets and product response

The VB100 test uses multiple sets of malicious and clean test cases to verify the ability of the tested product to detect malware, and to do so without generating false alarms for legitimate programs.

AT A GLANCE

CERTIFICATION	CLEAN
Description Common and prevalent Windows malware recently observed in the the wild.	Description A random selection of some widely and less widely used legitimate program files.
Type 	Type 
Outcome Pass 	Outcome Pass 
Detection rate 92.30% Best possible outcome: 100.00% Requirement: >= 75.00%	False alarm rate 0.000% Best possible outcome: 0.00% Requirement: <= 0.05%

DETAILED TEST RESULTS

Total cases tested 1,962	Total cases tested 100,000
Cases detected 1,811	Cases with false alarm 0
Cases missed 151	Cases without false alarm 100,000

TEST SET COMPOSITION

Windows PE executables 1,962	Windows PE executables 29,756
Other file types 0	Other file types 70,244

July 28, 2025

VB100 TEST REPORT



Report notes

Report notes contain complementary information that may be of interest to the report reader. Likewise, any extraordinary circumstance—particularly, those that may affect the test results—are recorded in these notes.

1

All measurements in this report are based on-demand scanning of samples, either because the product does not offer real-time protection, or its real-time protection is not compatible with the VB100 test methodology. No further information is available at this time.

VB100



Virus Bulletin Ltd

Manor House, Howbery
Business Park

Wallingford OX10 8BA,
United Kingdom

+44 20 3920 6348

editorial@virusbulletin.com

<https://www.virusbulletin.com/>

Head of Testing: Péter Karsai

Security Test Engineers: Kitti Csia,
Adrian Luca, Ionuț Răileanu, Bálint
Tanos

Sales Executive: Allison Sketchley

Editorial Assistant: Helen Martin