



ANTIVIRUS

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OUTLINE

- Problem Statement (Should not include solution)
- Proposed System/Solution
- System Development Approach (Technology Used)
- Algorithm & Deployment
- Result (Output Image)
- Conclusion
- Future Scope
- References

Problem Statement

- Most of the existing commercial anti-virus applications are based on the signature analysis.
- They will do the matching of extracted signature of an application with the already available signatures in the database.
- The problem with such applications is that they are vulnerable to zero-day exploits as nowadays the malware writers are capable of creating a new signature by their own to bypass the anti-virus software.

Proposed Solution

- Anti-virus solutions and software have evolved to protect against the many types of malicious code that exist, such as viruses, Trojans, key loggers, spyware, dialers, and other malware that seek out and hijack your sensitive information.
- Our anti-virus solutions are offered as a managed service, providing worry-free, automatic protection with proactive anti-malware technologies, regular updates to counter new versions of malware, and encryption that secures your data and achieves regulatory compliance.



**ANTIVIRUS
SOLUTION**

System Approach

- Antivirus software uses signature, heuristic, and behavior-based detection methods to prevent malware.
- These methods use different approaches to prevent malware from infecting your computer.
- If you have signature-based detection software, you need to keep your software updated.



Algorithm & Deployment



- In this technique, the antivirus uses an algorithm. Furthermore, this algorithm compares the signature of some known viruses to the suspected threat.
- Besides, detecting past viruses it can also detect new viruses.
- Moreover, it can also detect past viruses that have been modified or disguised.

Result

- These reports provide useful information about antivirus scan activity and status for scanned devices on your network.
- The main benefit of antivirus software is to protect against malicious viruses, such as malware and spyware.

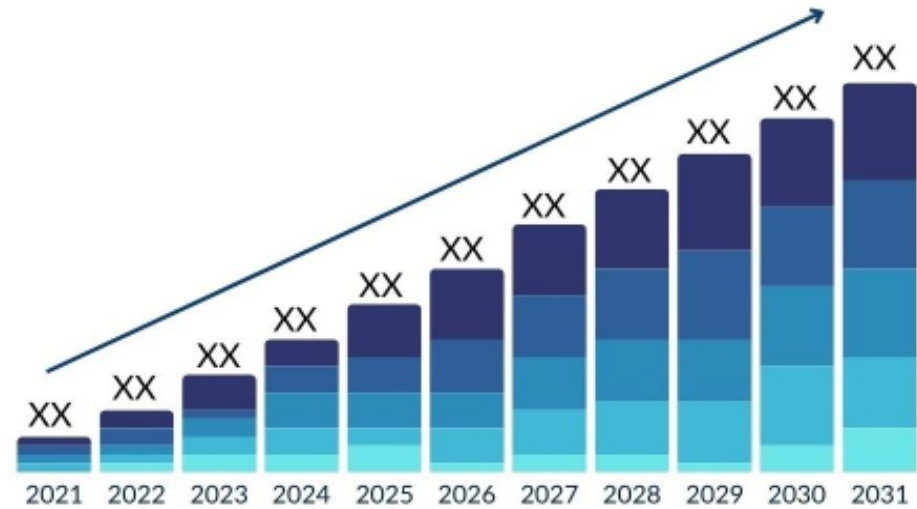
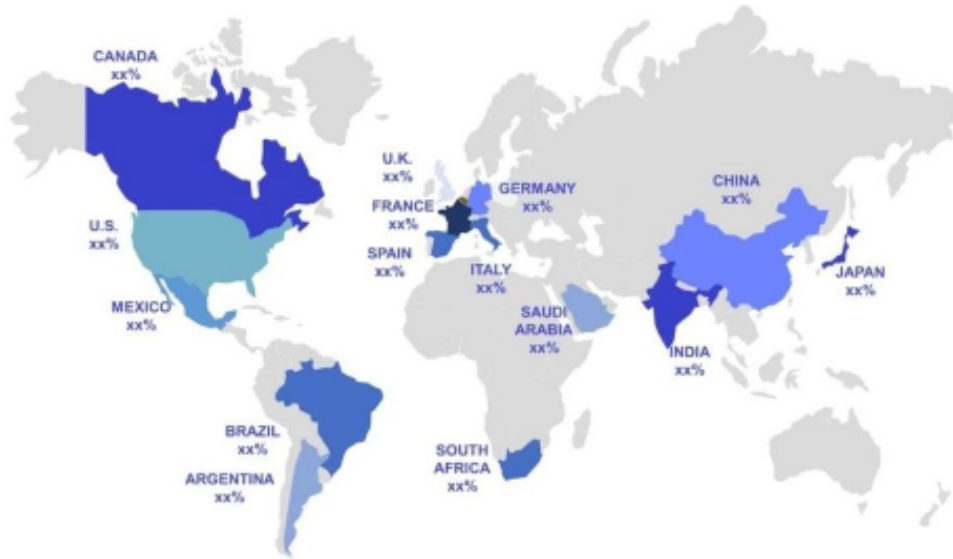


C o n c l u s i o n

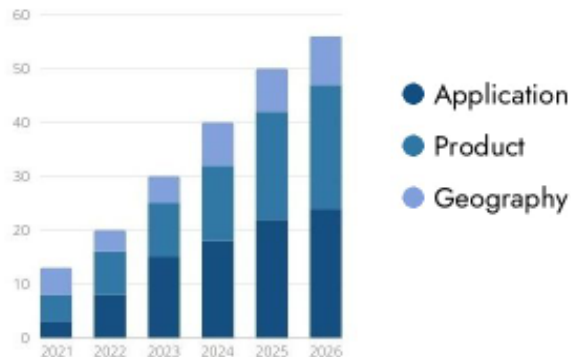


- In conclusion, antivirus and antimalware software play a crucial role in safeguarding your devices against online threats.
- By investing in reliable security programs, staying vigilant against cyber threats, and maintaining regular updates, you can enjoy a safe and secure online experience.
- Remember, prevention is always better than cure when it comes to cybersecurity.

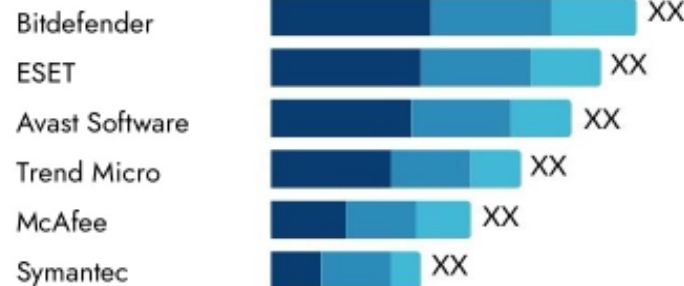
Future scope



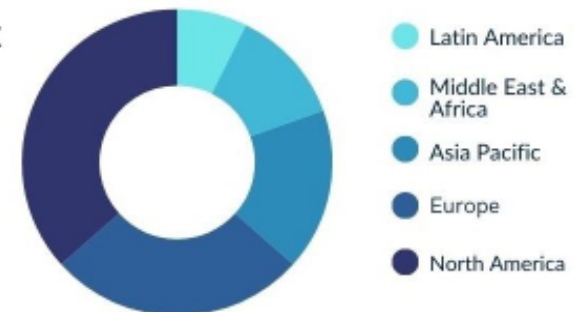
Market Segmentation



Top Key Players



Regional Analysis



References

- Typically installed on a computer as a proactive approach to cybersecurity, an antivirus program can help mitigate a variety of cyber threats, including keyloggers, browser hijackers, Trojan horses, worms, rootkits, spyware, adware, botnets, phishing attempts and ransomware attacks.



THANK YOU