

Does Anti-Virus Protect SAP Systems?



You rely on anti-virus software to detect and remove malware and viruses from your computer network. You may think anti-virus also protects your SAP system.

It doesn't.

Just like your car's side mirror has a blind spot, so too does your anti-virus program.

This blind spot? SAP systems - and any content uploaded into SAP applications.

Did you know ...

- Malware and viruses can hide in uploaded content
- JavaScript XSS attacks can be embedded in PDF files
- Malicious macros can be hidden in Office files
- MIME-file type screening can be bypassed

In our tests of 120 SAP E-Recruiting installations,

52% of systems did not prevent

us from uploading a test malware.



What's at stake? Quite a lot.

A cybersecurity breach could give attackers access to personal identification information, login credentials or payment information. Attackers can even deface public-facing applications or flood systems with fraudulent content. In fact, the average ERP cybersecurity breach causes \$5 million USD in damages. This includes direct financial loss, loss of reputation and credibility, and the expense of fixing the breach and reversing the damage.

What Anti-Virus Does

Anti-virus programs protect systems via a series of controls:

1. **On-access scans** review any file read from or written to the server's file system.
2. **Scheduled scans** identify and remove or quarantine malware that may have been stored on the server before a detection signature was available.
3. **Vulnerability shielding and memory/process protection** prevent malware from injecting code or modifying system files.

Why SAP Is Different

Traditional anti-virus programs don't work with SAP. Here's why:

1. **Encrypted connections** prevent anti-virus from viewing what's being uploaded to an SAP application.
2. **File storage** for SAP applications occurs in the SAP database or repository, which anti-virus software can't scan.
3. **Unexecuted files** are stored until opened, which means malware can lay in wait, undetected by the anti-virus program.



The Solution

2004, SAP added a virus scan interface to every SAP application server. However, even advanced anti-virus software cannot connect to this interface. A specialized solution is needed.

The bowbridge Anti-Virus for SAP Solutions is your answer. We protect more than 1,000 SAP installations worldwide against viruses, malware uploads and content-based cyberattacks.

Trust bowbridge to guard your most critical assets - securely and seamlessly.

Visit <https://www.bowbridge.net> today to learn more!

bowbridge software is the leading vendor of SAP-certified anti-virus and content security solutions for SAP systems and SAP applications.

Our commitment to excellence is reflected not only in our advanced cybersecurity protection, but in our outstanding service to more than 1,000 clients worldwide.

bowbridge Software GmbH.
Altrottstr. 31
D-69190 Walldorf
GERMANY

Tel: +49 (0) 6227-69899-50
Email: info@bowbridge.net

bowbridge Software USA
530 Lytton Ave, 2nd Floor
Palo Alto, CA 94301
USA

Tel: +1 650-617-3408
Email: us-sales@bowbridge.net

