

RAZ-LEE

iSecurity
Antivirus



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Native Protection For IBM i Servers

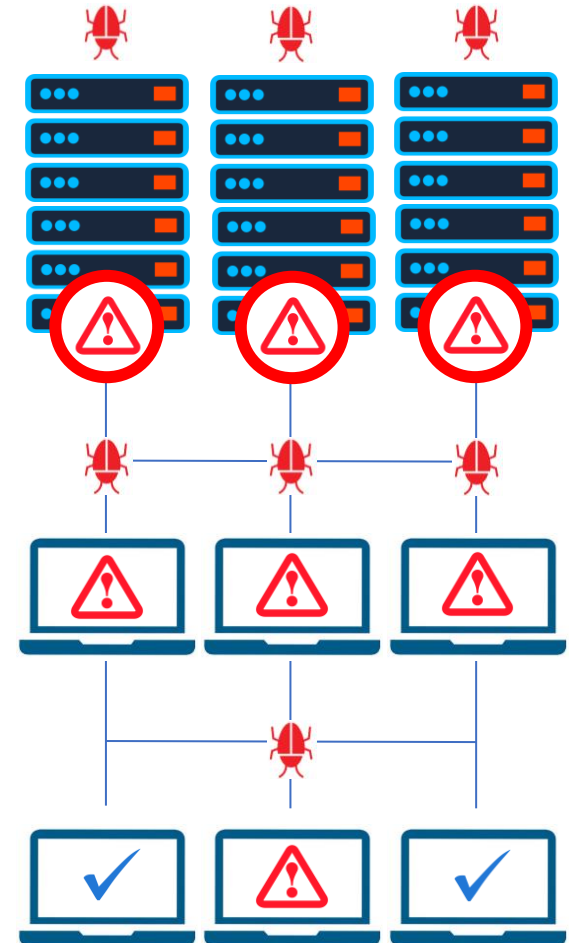
Advanced threat protection solution for defending IBM i
IFS files against malware.



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Is IBM i affected by Viruses?

- The threat of malware, ransomware, and malicious code is nothing new. However, the makeup of the systems they target has changed. The days of believing it's "just a Windows thing" are over – and if your IBM i servers aren't properly secured, your organization is at serious risk.
- Although the IBM i doesn't run .exe files, it can house infected files – where they can wait, silently and deadly, until someone on the network transfers and opens that file on their PC.
- Windows clients connect to servers and become infected, interrupting business operations until they are cleaned – but the cycle repeats because the Servers are infected and hosting malware.



iSecurity Antivirus Insights

iSecurity Antivirus scans all files, offers comprehensive virus detection and prevents your IBM i from becoming an infection source.

Our Solution:

- ✓ Raz-Lee's iSecurity Antivirus software cannot be disabled by any known virus.
- ✓ Runs Local at the IBM i server or on ICAP Client.
- ✓ Based on **ClamAV** Engine Developed by Cisco and Distributed as part of AIX package on IBM.



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Let's see our Product in Action!

The best way to see how it works is a demo with
iSecurity Antivirus for IBM i running on a real
environment.



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Antivirus in Action (Native Interface)

```
AVAV                               Antivirus                               RL74A

Real-Time Detection
  1. Activation

Scan IFS Directory
  11. Scan in Batch
  12. Scan On-Line
  13. Schedule Scan
  14. Scan a STMF (by AVAPIAV API)

Various Definitions
  21. Refresh, Definitions, ICAP

Quarantine
  31. Work with Quarantined Object

Reports
  41. Display Log
  43. Display Log (IFS)
  44. Work with Log Directory (IFS)
  45. Display Journal

Related Products
  61. Object Integrity Control
  62. Anti-Ransomware
  69. Other Related Modules

Maintenance
  81. System Configuration
  82. Maintenance Menu
  89. Base Support

Selection or command
===> █

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel
F13=Information Assistant   F16=System main menu
```

Installation Screen (GUI)

The screenshot displays the 'Install Products' window within an 'Organizational Dashboard/iSecurity [1]/Install Products' environment. The interface is divided into two main sections: 'Select product/s:' and 'Select system/s:'. Both sections include a search bar with 'Checked/Unchecked' filters and a 'Browse...' button. The 'Select product/s:' section contains a table with the following data:

Product
<input checked="" type="checkbox"/> Anti-Virus, Anti-Ransomware - 07.67 22-07-14
<input type="checkbox"/> Auth-on-Demand,Pwd-Reset - 06.21 22-08-11
<input type="checkbox"/> Auth-on-Demand,Pwd-Reset - 06.24 22-11-16
<input type="checkbox"/> Capture - 05.14 22-09-18
<input type="checkbox"/> DB-Gate - 02.60 19-05-20
<input type="checkbox"/> DB-Gate - 02.70 22-05-12

The 'Select system/s:' section contains a table with the following data:

System	Description
<input type="checkbox"/> RLDEV	Razlee Develop
<input checked="" type="checkbox"/> RLPRV	Razlee Production
<input checked="" type="checkbox"/> RLDEMO	Demo system Audit release 14.16
<input type="checkbox"/> RL74B	Test Yoel
<input type="checkbox"/> RL74A	Demo system

At the bottom right of the window, there is an 'Install' button. Red circles with numbers 1, 2, and 3 are overlaid on the interface to highlight the selected product, the selected system, and the 'Install' button, respectively.

Activation Screen (GUI)

The screenshot shows the iSecurity GUI with the 'Activation' screen. The main window displays the following information:

- Anti-Virus status: **Active**
- Activation section:
 - Activate Anti-Virus [Apply]
 - Deactivate Anti-Virus [Apply]
- Exit Programs section:
 - Work with Exit Programs [Open...]
- Monitor jobs section:
 - Work with active monitor jobs [Open...]

A pop-up window titled 'Active Monitor Jobs' is displayed, showing a table of active jobs:

Job	User	Number	Type	Status
QZSHSH	SECURITY5P	419113	B	*ACTIVE
AV#AVLOG	SECURITY5P	419111	A	*ACTIVE
ANTIVIRU01	SECURITY5P	419112	B	*ACTIVE
QPOZSPWP	SECURITY5P	419114	B	*ACTIVE
QPOZSPWT	SECURITY5P	419192	B	*ACTIVE

iSecurity
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| Advantages on | our Solution

iSecurity Antivirus has been designed to use all performance advantages from IBM i Servers.



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Why to choose iSecurity Antivirus?

ClamAV engine implementation brings

- A database of over eight million virus signatures.
- Signatures are continually updated.
- Recent, leading-edge technologies.
- Improved scanning based on up-to-date algorithms.
- Significantly faster scanning of PDF, ZIP and other file types.
- Reduced load time of the signatures.

iSecurity implementation brings

- Only New Scanning.
- On-Access Scanning.
- On-Demand Scanning.
- Scheduled Scanning.
- Cannot be disabled by any known virus keeping the server protected without interruption.
- API enables scanning at will of a single file.
- ICAP – Client / Server Technology.

What is Only-New Scanning?

Scan for viruses is by definition CPU intensive. There are 8,600,000+ signatures that must be compared to the contents of the object. Beyond this there is the heuristic scan which search for zero-day viruses. **iSecurity Antivirus** marks internally object that were scanned. This happens on both On-Access and On-Demand scans.

When a file is opened, the **On-Access** scan is automatically called to scan the object. This WILL NOT happen if the file has not changed since it was last scanned. Huge performance advantage!

When the **ON-Demand** scan is used, a parameter can be set to scan **Only-New** or the file has changed since then. So much more efficient. So much faster.



Based on ClamAV

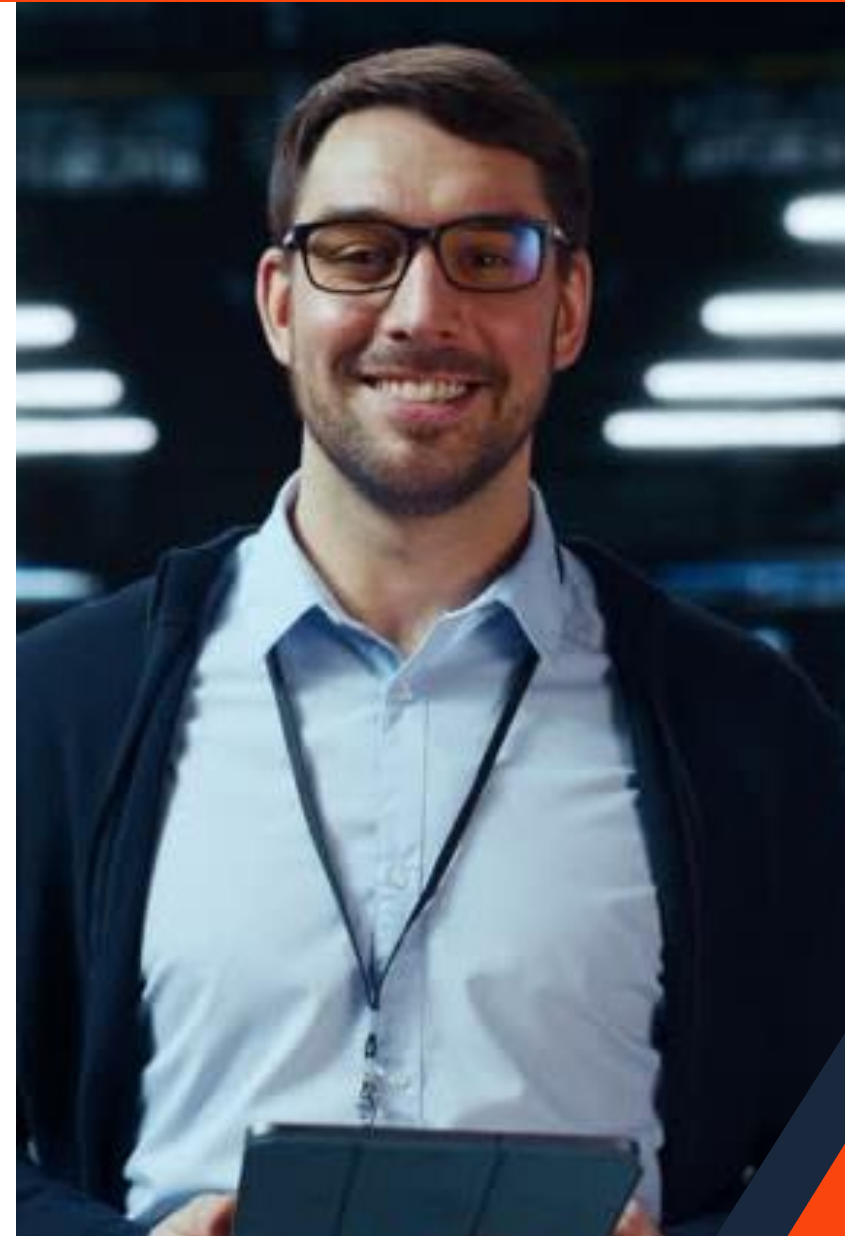


- ✓ iSecurity Antivirus uses ClamAV for scanning malware
- ✓ ClamAV is owned by Cisco
- ✓ Open-source, Cross-platform
- ✓ Considered as One of the Five best antiviruses

iSecurity Antivirus Advantages

iSecurity Antivirus provides a wide range of options in the configuration, so users are able to manage how strict is the control for IBM i.

- ✓ Automatic, regularly updated database.
- ✓ Command-line scanner.
- ✓ Database updater with support for digital signatures.
- ✓ Can not be disabled by viruses.
- ✓ Built-in support for zip, gzip, jar, and tar files.
- ✓ User-friendly, multilingual interface (green screen and GUI).
- ✓ Supports V5R3 Scanning Enablement.
- ✓ Integration with OS/400 Scheduler.
- ✓ History Log for review and analysis.



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Contact us About our Products

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Visit Our Website

www.razlee.com

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