iSecurity Firewall

End-to-End Network Access Protection

iSecurity Firewall is a comprehensive, all-inclusive intrusion prevention system that secures every type of internal and external access to the IBM i server.
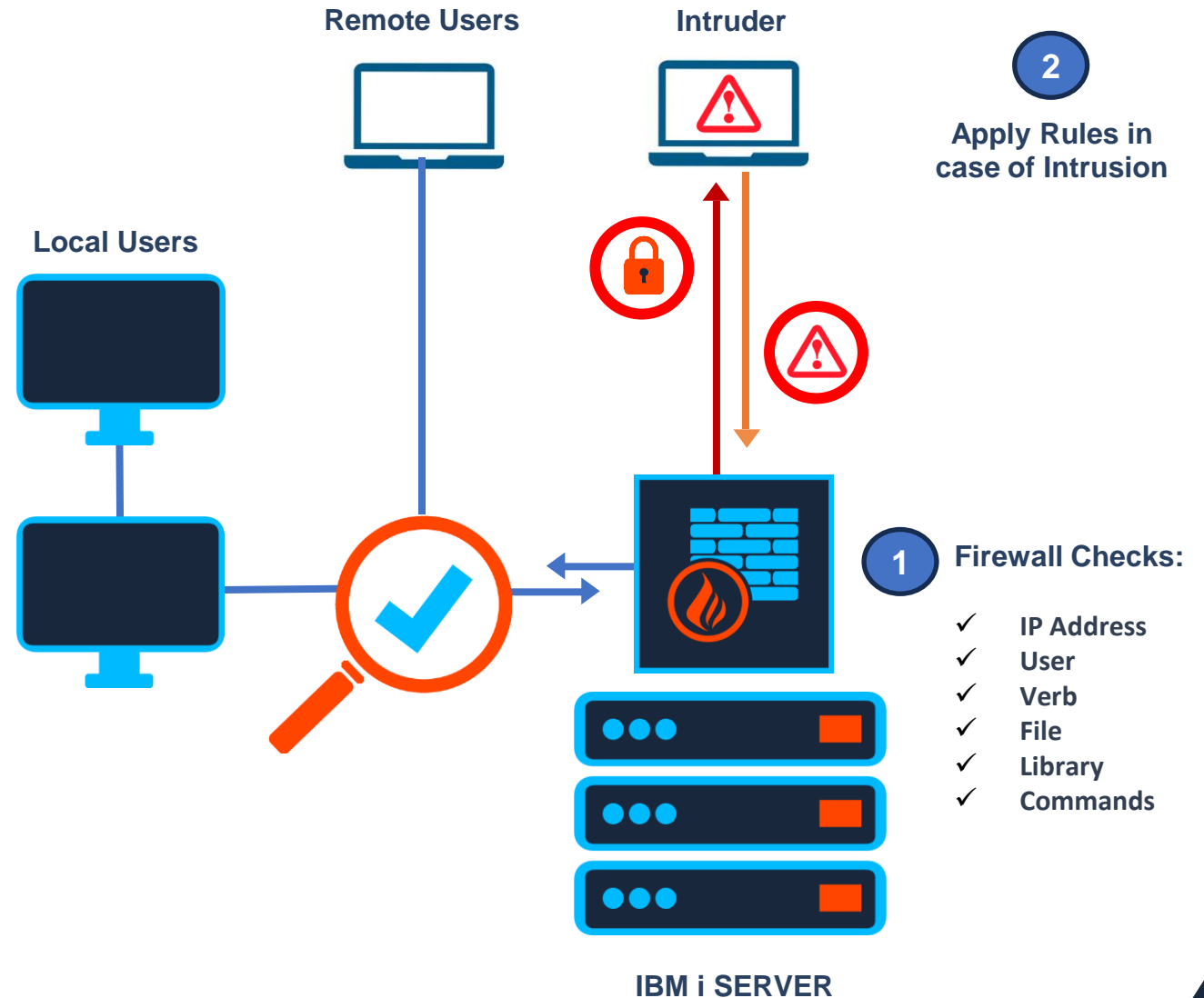
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Do I need a Firewall?

Long Story Short... YES!

It's a need to have a **Firewall** Solution to be protected against external and internal intrusions.

✓ **Firewall** protects and secures all types of access to and from the iSeries, within or outside the organization, under all types of communication protocols.

✓ This includers TCP/IP, FTP, Telnet, WSG, Passthrough, etc.

Remote Users

Intruder

2

Apply Rules in case of Intrusion

Local Users

1 **Firewall Checks:**

✓ IP Address
✓ User
✓ Verb
✓ File
✓ Library
✓ Commands

IBM i SERVER

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iSecurity Firewall Insights

iSecurity Firewall protects and secures all types of access to and from the iSeries, within or outside the organization, under all types of communication protocols.

Our Solution:

✓ It enables you to easily detect remote network accesses and, most importantly, implement real-time alerts.

✓ By far the most intuitive and easy-to-use security software product on the market today.

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Firewall in Action (Native Interface)


```
GSFWPMNU                          Firewall                        iSecurity
                                                            System:    RLDEV

Basic Security                         Analysis
 1. Activation and Server Settings     41. Log, Queries, What-if
 2. IP, Systems Basic Filtering        42. Reporting of Definitions
 3. Users and Groups
 4. Native Objects                     45. Rule Wizards
 5. IFS Objects                        46. Test Security Rules


Additional Control
11. FTP/REXEC
12. Telnet
13. Passthrough                        Maintenance
14. DDM, DRDA, SSH, Port...            81. System Configuration
15. Incoming/Outgoing Socket Connections  82. Maintenance Menu
17. Free Style Rules                   89. Base Support
18. PC Application Security


Selection or command
===> _____


F3=Exit    F4=Prompt    F9=Retrieve    F12=Cancel
F13=Information Assistant   F16=System main menu
```
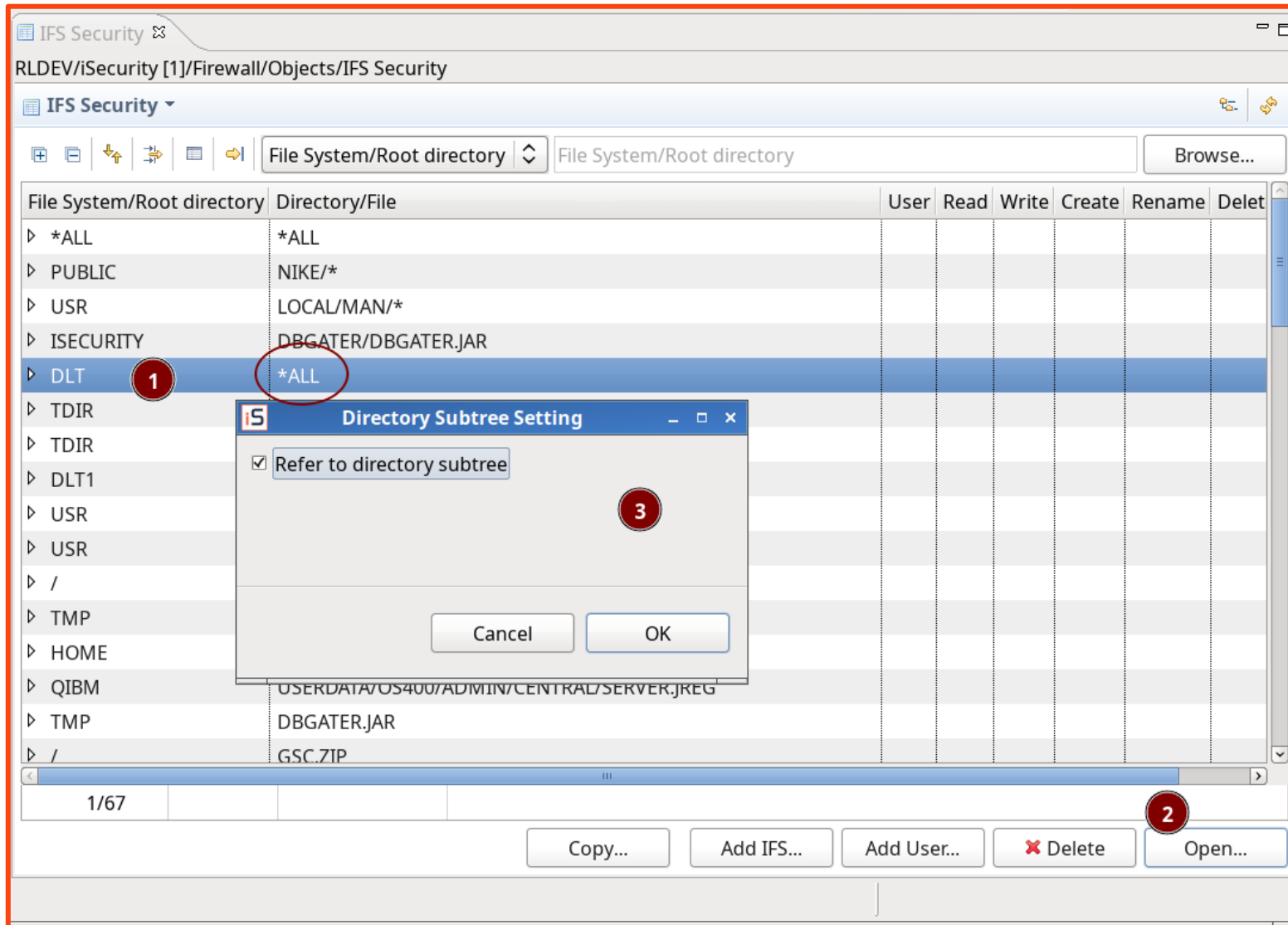
Allows Open Directories that are *ALL (GUI)
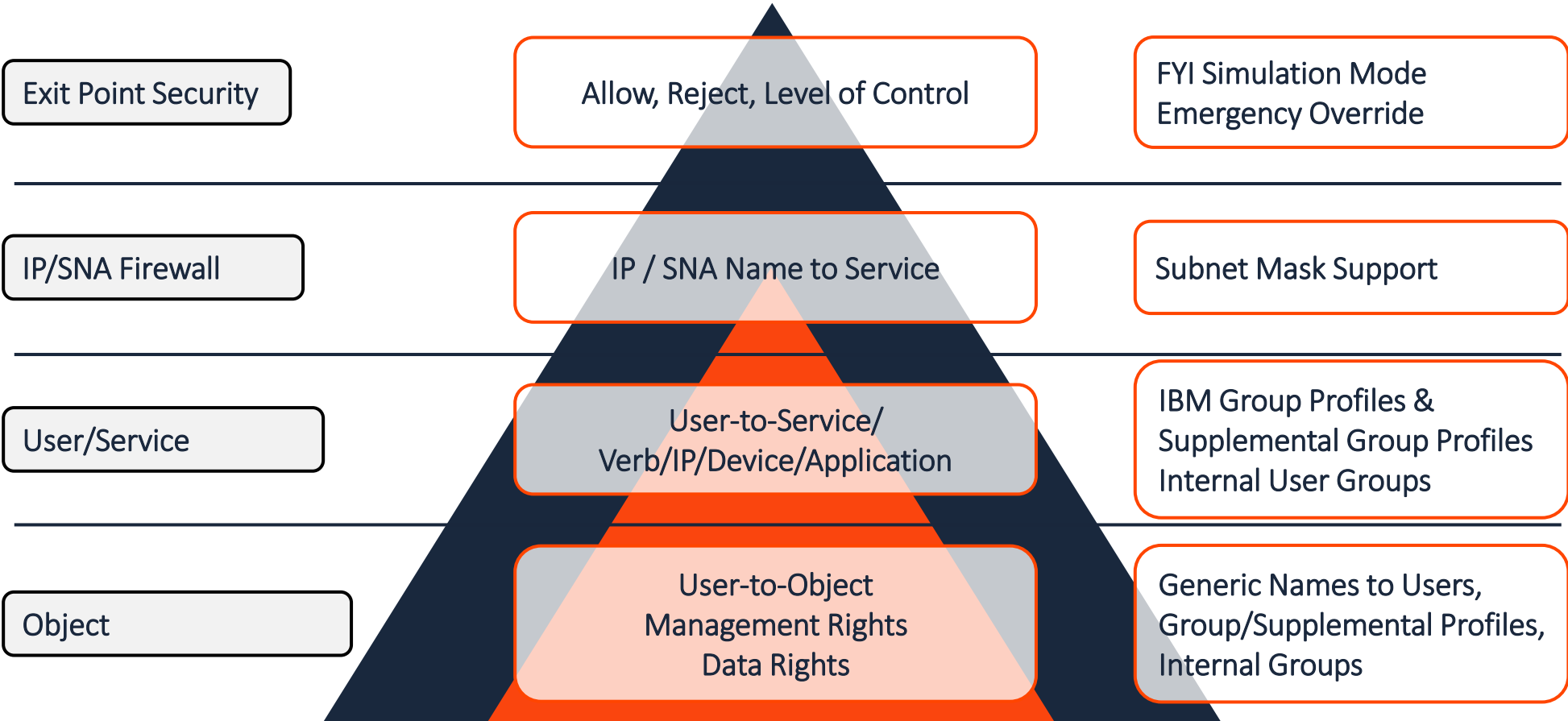
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Advantages on our Solution

iSecurity Firewall is by far the most intuitive and easy-to-use security software product on the market today.

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Layered Security

Exit Point Security — Allow, Reject, Level of Control — FYI Simulation Mode / Emergency Override

IP/SNA Firewall — IP / SNA Name to Service — Subnet Mask Support

User/Service — User-to-Service/ Verb/IP/Device/Application — IBM Group Profiles & Supplemental Group Profiles / Internal User Groups

Object — User-to-Object / Management Rights / Data Rights — Generic Names to Users, Group/Supplemental Profiles, Internal Groups

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Network Security

- ✓ Incoming and outgoing TCP/IP address filtering for Internet, FTP, REXEC, Telnet, and DHCP.

- ✓ Subnet mask filtering for all IP addresses – one rule can protect an entire workgroup or LAN.

- ✓ Remote system (SNA) firewall protection for DDM, DRDA and Passthrough operations.

- ✓ Powerful Intrusion Detection that enables **Firewall** to trigger proactive responses to the security administrator by MSGQ and email.

- ✓ DHCP request packet validation.

User Security

- ✓ User-to-server security for all server functions and exit points.
- ✓ Prevents users from performing specific actions.
- ✓ Verb support provides control over the execution of commands for specific servers.
- ✓ Internal profile groups simplify rule creation for specific user groups.
- ✓ DDM/DRDA security including pre- post- validation user swapping.
- ✓ Protection over user sign-on from Telnet.
- ✓ Limit user access to specific IPs and terminals.
- ✓ Login control, including alternate user name support, for FTP, REXEC, WSG and Pass-through.
- ✓ User-definable exit program support (global and per server).
- ✓ User management and statistics tools ease system and security tasks.

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Object Security

✓ Controls object access at the level of specific action, such as Read, Write, Delete, Rename, and Run.

✓ Secures native O/S 400 and IFS objects.

✓ Protects Files, Libraries, Programs, Commands, Exit Points, Data Queues and Print Files.

✓ Definable rule exceptions for specific users. Modify rules directly from Firewall log.

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iSecurity Firewall Advantages

iSecurity Firewall GUI is incredibly easy to understand even for Non-System administrators.

- ✓ Protects all IBM i exit points and servers.
- ✓ Protects all communication protocols (**TCP/IP, FTP, Telnet, WSG, Passthrough, etc.**).
- ✓ Total control of what users may do after access is granted.
- ✓ "**Best-Fit**" algorithm minimizes throughput delays by efficiently applying security rules.
- ✓ **Rule Wizards** dramatically simplify security rule definition.
- ✓ Protects both native and IFS objects – all of your databases are secured.
- ✓ Remote logon security limits IP address to specific users at specific times.
- ✓ Enhances security when authorized users connect from remote locations.
- ✓ Powerful report generator and scheduler.

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Contact us About our Products

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