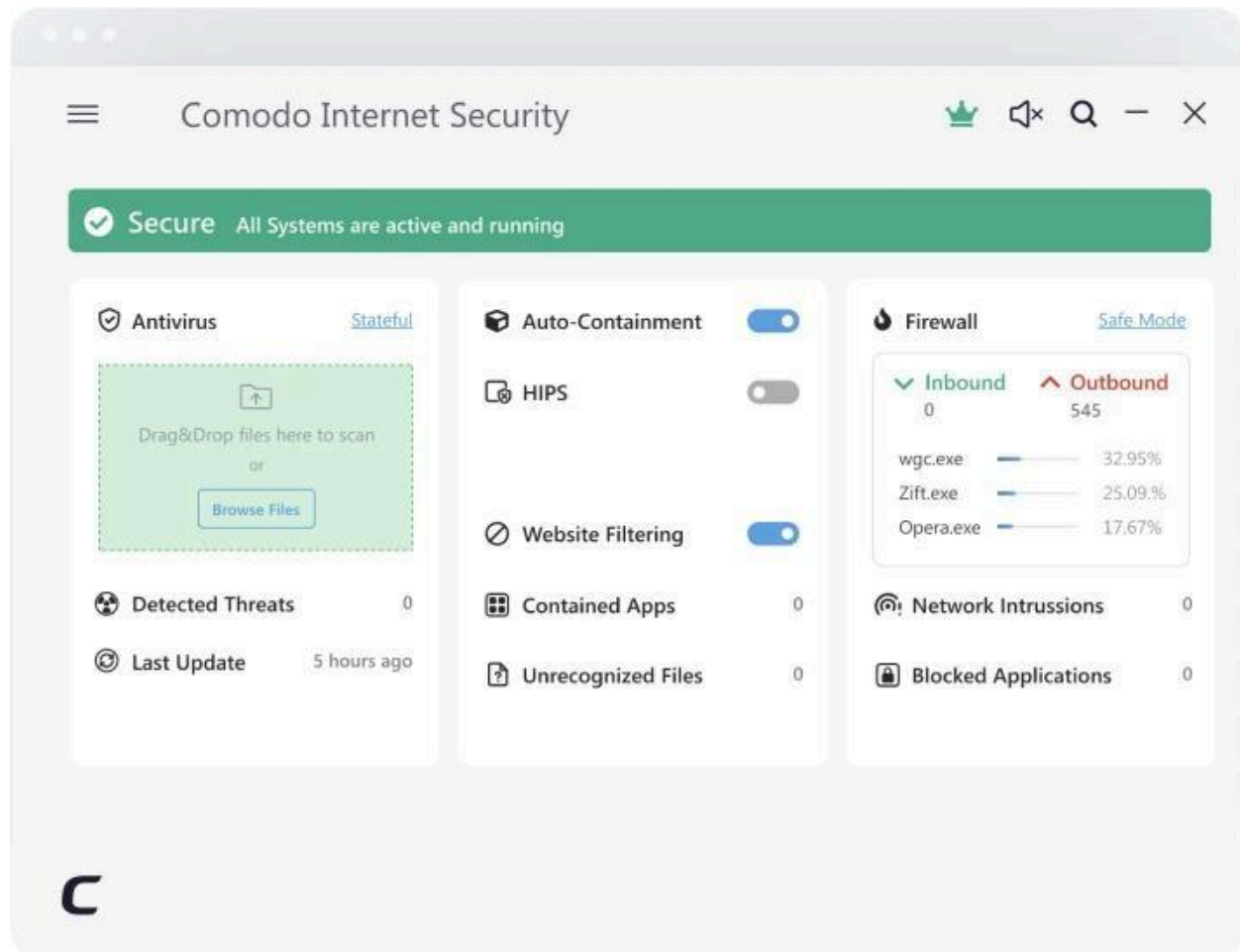


Tutorial: How to Use Comodo Network Security Software for Free

What Is Comodo Network Security?



COMODO Advanced Settings

General Settings ▶

Security Settings ▼

▶ Antivirus

▶ Defense+

▼ Firewall

🔒 Firewall Settings

📄 Application Rules

📄 Global Rules

📄 Rulesets

🖥️ Network Zones

📶 Portsets

📄 Website Filtering

▶ File Rating



Firewall Settings

☒ **Enable Firewall (Recommended)** Safe Mode ▼

This option enables firewall which filters inbound and outbound traffic.

Alert Settings

☒ **Do NOT show popup alerts** Allow Requests ▼

☒ **Enable automatic detection of private networks**

☒ **Enable Trustconnect alerts** Unsecured Wireless Networks Only ▼

☒ **Turn traffic animation effects on**

☐ **Create rules for safe applications**

☐ **Set alert frequency level** Low ▼

☐ **Set new on-screen alert timeout to** 120 secs

Advanced

☐ **Filter IPv6 traffic**

☒ **Filter loopback traffic (e.g. 127.x.x.x, ::1)**

☐ **Block fragmented IP traffic**

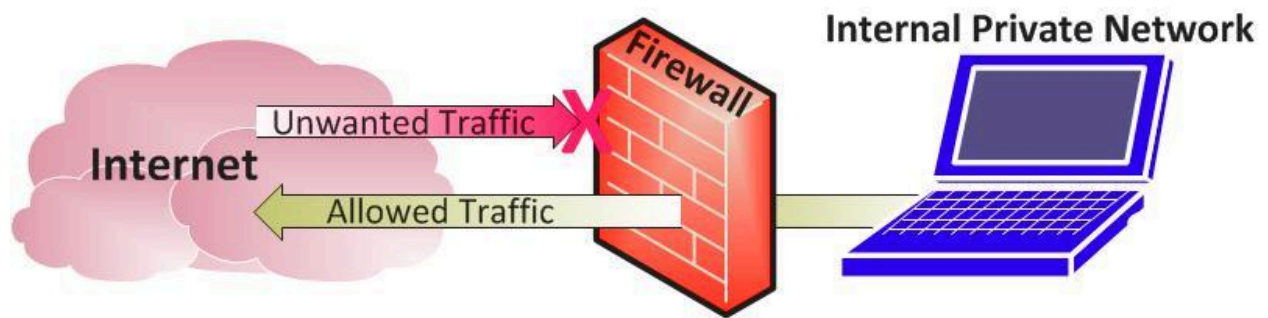
☐ **Do Protocol Analysis**

☐ **Enable anti-ARP spoofing**

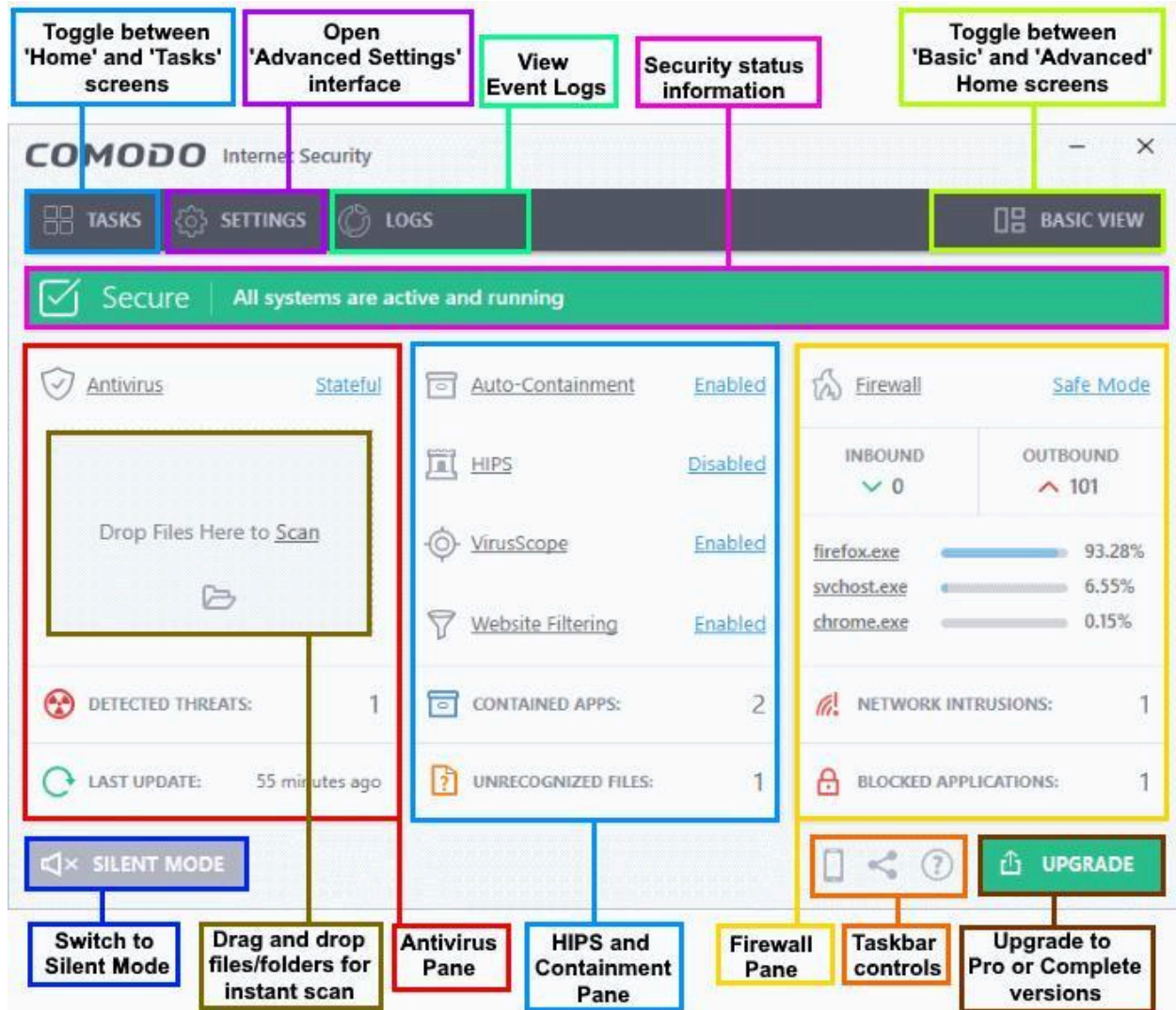
OK

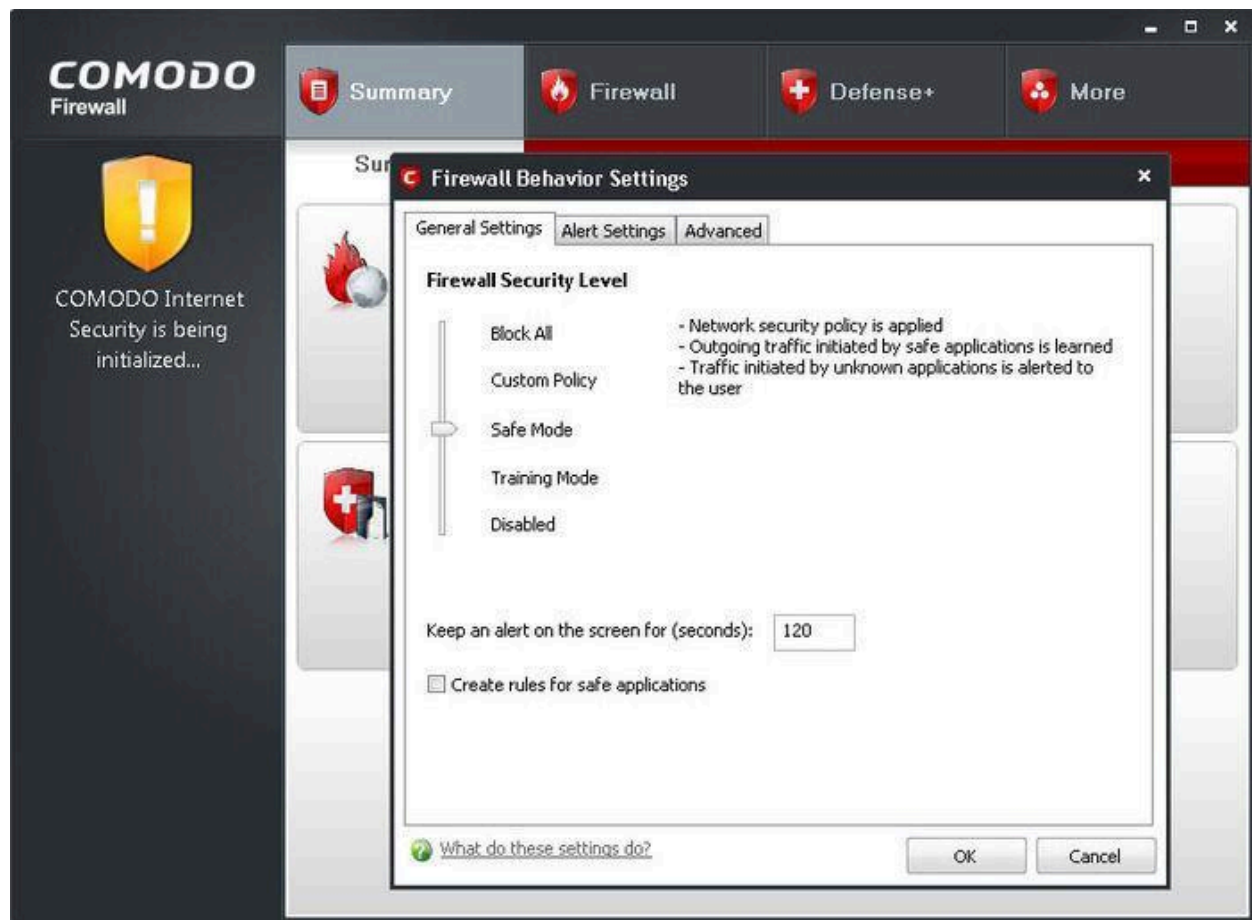
Cancel

Computer Firewalls



the first line of defense in network security





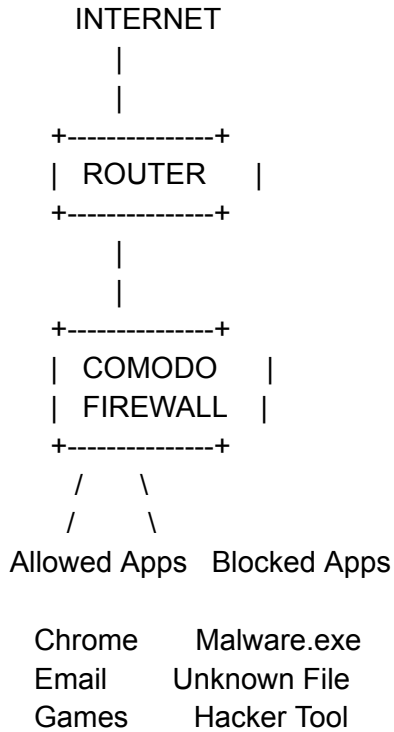
Comodo Internet Security (CIS) is a security program for Windows computers that combines:

- Firewall protection
- Antivirus scanning
- Malware detection
- Application control
- Sandbox/Containment protection
- Network monitoring

The free version can help protect a personal computer by controlling which programs access the internet and stopping suspicious applications. ([Comodo Cyber Security](#))

Section 1 — Understanding How a Firewall Works

Network Security Diagram



A firewall acts like a security guard:

Traffic	Action
Trusted program	Allow
Unknown program	Ask user
Malware behavior	Block
Suspicious connection	Alert

Comodo Firewall can monitor incoming and outgoing traffic and allow users to create application rules. ([Comodo Help](#))

Section 2 — Downloading the Free Version

Step 1: Visit Comodo

Download Comodo from the official Comodo website.

Look for:

Comodo Internet Security Free

or

Comodo Free Firewall

([Comodo Cyber Security](#))

Step 2 — Installing Comodo

During installation:

1. Open the installer
2. Accept the license agreement
3. Choose the free version
4. Allow Comodo to install firewall components

Example:

```
+-----+
| Comodo Installation |
+-----+
| ☒ Antivirus |
| ☒ Firewall |
| ☒ Containment |
| |
| [Install] |
+-----+
```

Section 3 — The Comodo Dashboard

After installation, open Comodo.

Your dashboard will look similar to:

```
+-----+
|  COMODO SECURITY  |
+-----+
```

Security Status: Protected

[Scan] [Firewall]

[Containment] [Settings]

```
-----
Antivirus    ON
Firewall     ON
Sandbox      ON
+-----+
```

The dashboard allows you to quickly access scans, firewall controls, and security settings.
([Comodo Help](#))

Section 4 — Running Your First Antivirus Scan

Quick Scan

1. Open Comodo
2. Select:

```
Scan
|
+-- Quick Scan
```

Diagram:

```
Computer Files
|
```


v

```
+-----+
| COMODO |
| Scanner |
+-----+
```

|

Safe Files	Threats
Allow	Quarantine

Use scans to check:

- Downloads
- USB drives
- Installed programs
- Windows system files

([Comodo Help](#))

Section 5 — Using the Free Firewall

Firewall Concept

Program Wants Internet Access

|

v

```
+-----+
| COMODO |
| FIREWALL |
+-----+
```

|

| |

ALLOW BLOCK

Browser Unknown.exe
Email App Malware

Example Firewall Alert

You may see:

Comodo Alert

Program:
example.exe

Wants Internet Access

[Allow] [Block]

Remember Choice?

☒ Yes

Choose:

Allow:

- Web browsers
- Games
- Trusted software

Block:

- Unknown programs
 - Suspicious files
 - Programs you do not recognize
-

Section 6 — Using Sandbox / Containment

One of Comodo's advanced features is running unknown files in an isolated environment.

([Comodo Help](#))

Diagram:

Normal Computer

```
+-----+
| Windows      |
|              |
| Chrome       |
| Documents    |
| Photos       |
+-----+
```

Sandbox Mode

```
+-----+
| Isolated Container |
|                   |
| Unknown Program    |
| Malware Test File  |
|                   |
+-----+
```

Cannot affect Windows

Use this when:

- Downloading unknown software
- Testing suspicious files
- Opening email attachments

Section 7 — Creating Safer Firewall Rules

Open:

Settings



Firewall



Application Rules

Example:

Application:
Game.exe

Internet Access:

☒ Allow

☐ Block

Ports:

80

443

Section 8 — Recommended Free Settings

For beginners:

Firewall

Set:

Firewall Mode:

☒ Safe Mode

Containment

Enable:

☒ Automatically sandbox unknown applications

Updates

Enable:

☒ Automatic updates

Section 9 — Testing Your Security

Safe Test Checklist

Try:

- ✓ Open a browser
- ✓ Download a trusted file
- ✓ Install a known application
- ✓ Run a scan

Watch Comodo alerts.

Example:

New Program Detected

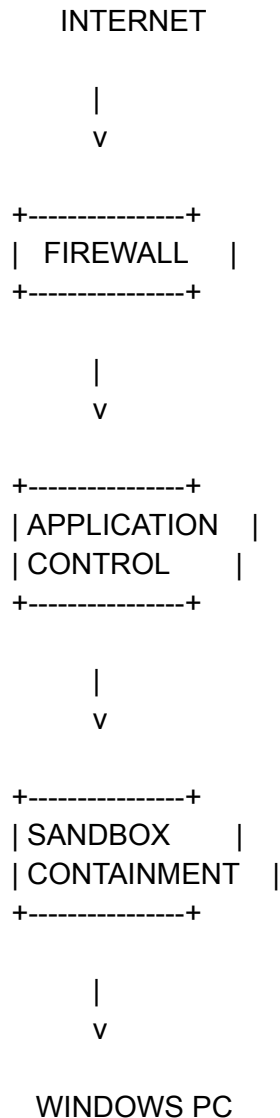
Program:
NewApp.exe

Risk:
Unknown

Action:

[Run Normally]
[Sandbox]
[Block]

Section 10 — Comodo Network Security Architecture



Advantages of the Free Version

- ✓ Free firewall protection
- ✓ Controls network connections
- ✓ Blocks suspicious applications
- ✓ Sandbox testing environment

- ✓ Manual security controls
- ✓ Good for learning cybersecurity concepts

([Comodo Cyber Security](#))

Cybersecurity Learning Exercise

Create a test environment:

Virtual Machine

|

|

Install Windows

|

|

Install Comodo

|

|

Test:

- Firewall rules
- Sandbox
- Network alerts

This teaches:

- Firewall management
 - Malware prevention
 - Network monitoring
 - Application security
-