![Barracuda logo — Your journey, secured.]

# Barracuda Firewall Insights

Actionable information for application performance, security, and compliance across the extended WAN

Consolidation of security, application flow, and connectivity information from hundreds or even thousands of firewalls on the extended wide area network — regardless of whether they are hardware, virtual, or cross-cloud-based deployments.

## Information is key

Staying secure and seamlessly connected requires you to have up-to-date data to be able to continuously assess the effectiveness of your security measures and WAN performance. The vast amount of data coming from different origins and in different formats often needs manual processing, an approach that is both error prone and costly. If information retrieval and processing of raw data is not automated, auditing and reporting requirements will represent an enormous yet inevitable burden. Barracuda Firewall Insights automates these challenging tasks.

## Central reporting instance

Firewall Insights is an advanced reporting and analysis solution that gathers, consolidates, and analyzes data fully automatically from any CloudGen Firewall deployed across your organizational network, including public cloud deployments. Barracuda's reporting solution provides status overviews for the entire WAN, including details and availability information on SD-WAN connections, transport details, security, and web- and network-traffic details. More than one hundred predefined reports, including summary reports, are available for areas like safety and liability, network activity, web activity, security, and productivity. All reports are customizable for individual timeframes and can include all or just a subset of the deployed firewalls. This enables businesses to provide policy-compliant access to information to all management levels within a secure and trusted environment.

## Advanced report definition, automatic report generation, and reliable delivery

Creating reports that visualize how the CloudGen Firewall protects and connects your networks has never been easier. The graphical user interface lets you quickly select from hundreds of predefined reporting options. With the automatic report generation feature, Barracuda Firewall Insights allows you to schedule, gather, consolidate, and analyze data produced by all Barracuda CloudGen Firewall appliances deployed in your organization's network. Various output formats for paper or web-based publishing ensure that the most accurate and reliable information is available for your strategic business decisions. Barracuda Firewall Insights lets you define lists of recipients with various levels of granularity for each report.

# Technical specs

## Available dashboards

- SD-WAN dashboard
- SD-WAN tunnel status dashboard
- Security and web traffic dashboard
- Network traffic dashboard

## General report types

- Customizable reports
- On-demand reports
- Scheduled reports
- Administrative reports
- Advanced reports
- Predefined productivity reports
- Predefined web activity reports
- Predefined safety and liability reports
- Predefined network activity reports
- Predefined threat and security reports
- Predefined infection activity reports
- Predefined traffic reports

## Report output formats

- PDF
- HTML
- CSV
- Text

## Report delivery options

- Externals server (FTP or SMB)
- Email
- Browser

## Report specifics

- CloudGen Firewall dashboard
  - Overview of allowed and blocked sessions along with an explanation
  - Threats overview by user, source, and destination
  - Web activity and productivity: Categories, users, and domains accessed by number of requests, bandwidth, and browse time
- Summary reports
  - Safety and liability
  - Network activity
  - Threat summary
  - Web traffic summary
  - Total usage
- Safety and liability reports (based on user and requests)
  - Traffic to adult-rated sites
  - Anonymizer sites
  - File-sharing and P2P
  - Intolerance and hate
  - Spyware
  - Violence and terrorism
  - Based on user and requests

- Security reports by subtype (based on user, time, source IP, and destination)
  - ATP
  - IPS
  - Virus
  - Malware
  - Spyware
  - Blocked file content
- Web activity reports for
  - Accessed categories
  - Browse time
  - Domains
  - Users
  - Policy actions
  - User agents based on time of day, sessions, bandwidth requests, source, and user
- Productivity reports on requests, bandwidth, and browse time for
  - Facebook
  - Gaming
  - Streaming
  - YouTube users by requests, bandwidth, and browse time
- OT, IIoT and SCADA reports
  - Traffic summary
  - Traffic per protocol
  - SCADA traffic per hour or day (S7, DNP3, Modbus, IEC60870-5-104 traffic)

## Deployment

Barracuda Firewall Insights is available as a virtual image for KVM, VMWare, and Hyper-V with the following requirements:

|  | REQUIREMENTS |
|---|---|
| SSD data size | Unlimited (min. 2 TB) |
| RAM | Unlimited (min. 32 GB) |
| CPU cores | Unlimited (min. 8) |
| IOPS | Unlimited (min. 24,000) |