

# SAFIRE™

Enterprise Firewall Performance Tester

**XENNA™**  
NETWORKS

# Ever Tested A Firewall's Performance?



Everyone knows the performance of a firewall depends on which security features are enabled, the type and volume of traffic, the number of users and so on.

But very few companies know the actual performance of their firewall because it is hard to measure.

Is this information valuable? Yes!

Knowing the actual performance of your firewall - in your network, with your traffic, your applications and your users - will reveal:

- Is your firewall a performance bottleneck for users?
- How will changing your security policies impact performance?
- How do other changes to your network impact performance?
- Is your firewall giving you the best value for your money?

# And Safire is ...?

Safire is a simple tool for measuring firewall performance – fast, accurate and easy to use!

In less than an hour, you can set up Safire and run a test that results in an easy-to-read report precisely detailing the performance of an enterprise firewall incl. the impact of enabling different features, adding users, changing the type & volume of traffic and so on.

IT managers can then use that report to make data-driven decisions like:

- How to boost their firewall's performance without compromising security
- Document how any changes to the network impact their firewall's performance
- Validate the need for a new enterprise firewall
- Verify if a new firewall lives up to the performance claimed by the vendor



# Who uses Safire?

Safire is designed for **System Integrators (SIs)** and **Managed Security Service Providers (MSSPs)** whose business depends on offering services based on data-driven planning and performance assurance for IT security.

Safire makes it easy for MSSPs & SIs to help customers make important decisions regarding the purchase and configuration of enterprise firewalls.

Safire delivers accurate data – based on the customer’s own network environment – instead of blindly relying on a firewall vendor’s optimistic datasheet specs.

1.

Buy Safire from Xena.  
The monthly pay-as-you-go cost is only \$999.

2.

Sell services & products to customers based on Safire’s firewall performance reports.

# Billable services based on Safire

Here's a menu of new services you can offer customers using Safire ...

## Firewall Migration

Your customer stands at a crossroads – which firewall strategy should they pursue:

- Can it really pay to migrate to a virtual firewall?
- Is it worth upgrading a server in a private cloud?
- Will the “next-size up” model solve their problems?

## Policy Changes

Security policies are constantly evolving to meet new business demands. You can use Safire to:

- Document if policy changes have impacted performance significantly
- Performance debugging

## Traffic Pattern Change

Can their firewall “keep up” as new SW applications & platforms etc impact network traffic?

- Measure impact of LAN Network Expansion
- Document performance after periodic maintenance

## Vendor Comparison

Help customers choose their next enterprise firewall based on facts, not optimistic datasheet specs:

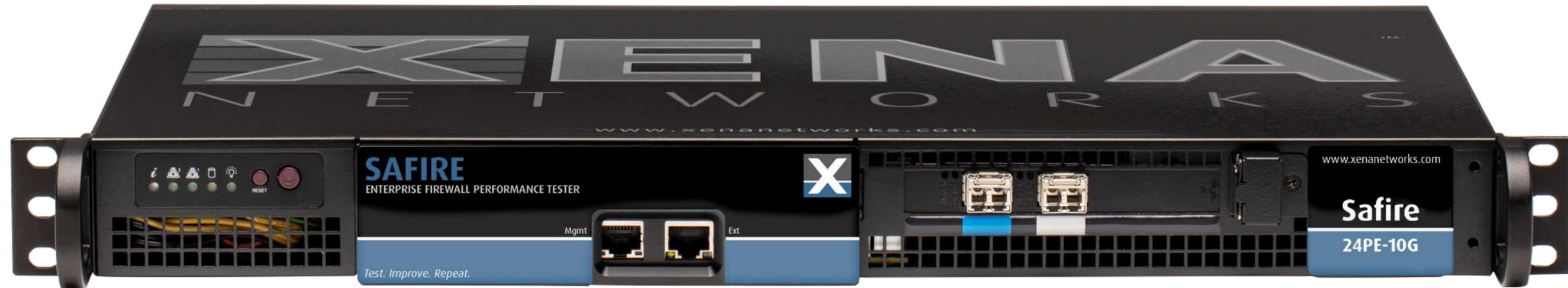
- Switching firewall vendor
- Implement new security solution

## Firmware Upgrades

Firewall vendors regularly upgrade firmware – sometimes with unexpected consequences:

- Regression testing to verify performance remains optimal
- Upgrade maintenance

# Safire comes in 2 flavors:



Price = \$7999

C-Safire-24PE-10G

## Tests 1 & 10G

Has 2 test ports for testing  
10GE & 1GE via  
*10GBASE/SR/LR/DAC SFP+*

C-Safire-24PE-10G-CU

## Tests 1, 2.5, 5 & 10G

Has 2 test ports for testing  
10GE, 5GE, 2.5GE & 1GE over  
copper (*BASE-T RJ45*)

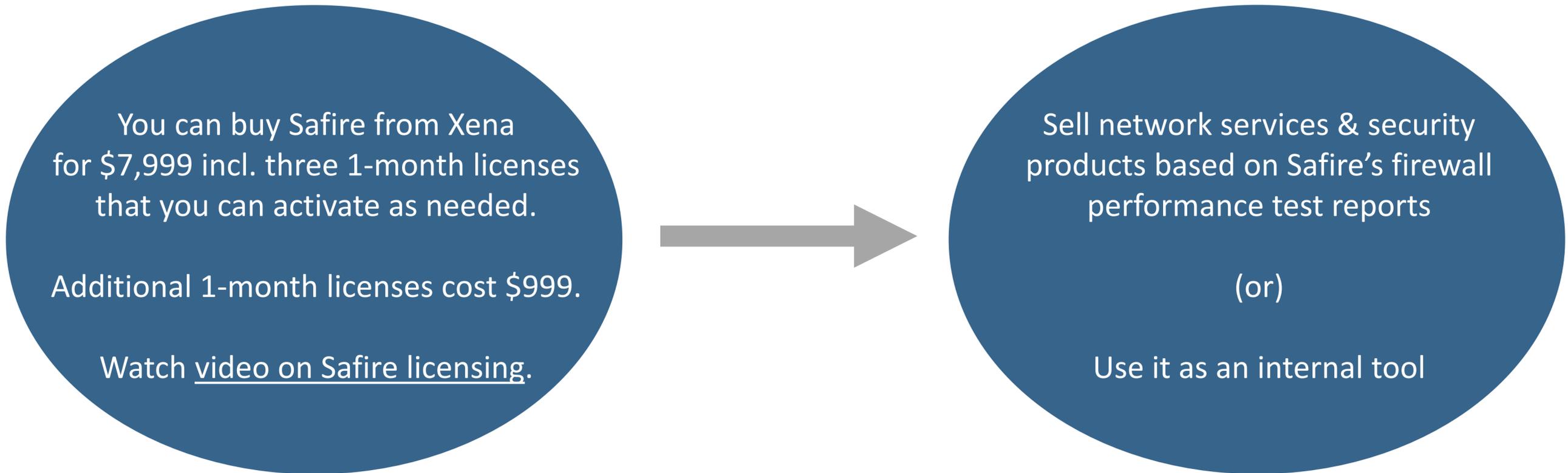
# Safire can measure ...

- Throughput/Goodput
- Latency
- Concurrent sessions
- Error percentage
- Firewall CPU and memory utilization

Using a traffic profile that matches your actual network traffic.



# Simple “pay-as-you-go” Pricing



SAFIRE	Price
Safire Tester (incl. 3 x 1-month license)	\$7,999
1-month license	\$999

When you buy Safire, you get the tester and a license for three months use. These months do not have to be consecutive. You can always buy additional licenses and activate them as needed, via the [Xena License Portal](#). (Watch [video on Safire licensing](#).)

There are no other costs\*.

\* While the software license is active, you can use the tester as much as you like, and access Xena's full range of technical support services. If the license expires, you need to pay an additional \$249 service activation fee to start using the tester again.

# Watch Safire Videos

## Configure a F.U.T.

(3 min 28 sec)

How to create and configure a "Firewall Under Test" in Safire.

[CLICK TO PLAY](#)

## Configure a Test Case

(7 min 17 sec)

How to configure & run basic tests and analyze results firewall performance.

[CLICK TO PLAY](#)

## Configure Traffic Profiles

(4 min 34 sec)

How to configure traffic profiles that match your customer's organization.

[CLICK TO PLAY](#)

## Auto Traffic Profiles

(5 min 39 sec)

This feature auto-generates traffic profiles based on your firewall's own logs.

[CLICK TO PLAY](#)



# Read these White Papers

1

## Firewall Performance Testing Use Cases in Lab & Production Networks

Explains why testing firewall performance in different use cases helps optimize the value of enterprise firewall investments.

Firewall  
Performance  
Testing Use Cases

[CLICK TO READ](#)

2

## Realistic Application Simulation for Enterprise Firewall Performance Testing

Why testing firewall performance with reconstructed network traffic is crucial for successfully deploying & managing enterprise firewalls.

Realistic  
Application  
Simulation

[CLICK TO READ](#)

3

## Performance Characterization of Virtual NGFWs

The diversity and complexity of virtual firewall deployment environments in enterprise private clouds increases the challenge of performance testing virtual firewalls.

Performance  
Characterization  
of Virtual NGFWs

[CLICK TO READ](#)

4

## Automatic Traffic Profile Generation

Reconstructing traffic profiles that realistically represent the traffic on an enterprise production network is essential for successfully deploying firewalls. Safire automates this complex task.

Automatic  
Traffic Profile  
Generation

[CLICK TO READ](#)

# Test. Improve. Repeat.

## NEXT STEP?

- Visit [main product page](#)
- Read [White Papers](#) on website
- Watch [Safire videos](#) on YouTube
- Try [Safire “live”](#) right now (only requires a web browser)
- Book [online discovery call](#) with Xena representative

