

# There is an open doorway in your cyber defense strategy.

In a world where cybersecurity has become a critical business priority, and organizations in every industry across the globe have directed significant investment to the people, policies and technology infrastructure charged to protect and defend against a broad spectrum of threat vectors, it is beyond belief that one of the main doorways between business and the public has been left open and unguarded...





## The Doorway is open.

The Doorway is your Voice Network.

But here's the rub; it's not about the technical infrastructure itself, there are effective solutions to protect the hardware and software. The issue at hand is the calls, or traffic that is going across the Voice Network (both in and out).

Within the traffic that goes in and out of your organization 24 x 7 x 365 are a host of threats. Initial access brokers, hackers, bad actors and cyber thieves and terrorists are actively infiltrating your voice network with no fear of being stopped, because the huge majority of cybersecurity measures, in relation to your telephony infrastructure, are protecting that infrastructure (hardware and software) from being compromised, technically.

The calls, or traffic, going in and out of your voice network are almost completely unchecked!

The majority of enterprise voice traffic is valid, business enabling, transactional calls. Typically this traffic totals 82% - 90% of your overall traffic (depending on industry).

But, what about the remaining 10% - 18%?

Well, this is where the risk lies. In this Unwanted Traffic lies a wide and growing range of threats, including:

- Direct Nefarious Calls
- Social Engineering
- Vishing
- Smishing
- Robocalls
- Spoof Calls
- Spam Calls

These malicious tactics are employed to gain information, data and IP which is assembled and sold over the dark web to orchestrate an evolving list of business-impacting events, including:

- TDoS Attacks
- Ransomware Attacks
- Data Breach
- Data/IP Theft
- Identity Theft

But let's be clear, the bad actors who are calling into your organization have three key directives:

1. Get a human to answer the phone
2. Get a human to engage
3. Acquire information from that human

**The calls, or traffic, going in and out of your voice network are almost completely unchecked!**

### Key Facts about the Voice Channel



#### BUSINESS

The Voice Channel is the most critical communication medium to Business Viability.



#### CUSTOMER EXPERIENCE

The Voice Channel holds the greatest impact to your Customer Experience.



#### HUMAN CONNECTION

The Voice Channel is predicated on human-to-human connection.



## THE SOLUTION

# Try it.

## Mutare Voice Traffic Filter

Remove the traffic that causes fraud, security incidents and data breaches.

The Mutare Voice Traffic Filter (VTF) is enterprise-class software built to provide multiple layers of protection against unwanted traffic. VTF creates a barrier at the network edge, ensuring that malicious and nefarious traffic does not gain access to your network. Our open architecture is designed to work seamlessly with just about every unified communications platform, including Cisco, Avaya, Mitel, Nortel and more.



## Get the Power to Cleanse Your Voice Network

Our powerful dashboard provides instant clarity and insights into your voice network traffic. With simple clicks and toggles you can easily change time-frames and discover how Unwanted Traffic is impacting your Network Performance and Security. This data-rich overview will enable you to identify patterns, trends and changes in your network traffic to optimize flow and performance.



- 1 Specify your time period by customizing your view by day, week, month, or year.
- 2 Filter the display to show unwanted calls identified by mode - Active, Passive, or both Active and Passive filtering.
- 3 This Visual Timeline that displays results in an easy snapshot view by day, week and month. Hover over any portion of the graph to reveal details.
- 4 Summary numbers and percentages of Wanted and Unwanted traffic for the specified time period.
- 5 Dig into our Multi-Layer Protection! See each of the 5 Layers of Protection and review the number of calls eliminated at each layer.
- 6 Get further information about Voice CAPTCHA, see actual Pass/Failure results!
- 7 See the phone numbers of the Top Unwanted calls along with the number of calls from each of these phone numbers.

## A Firewall for your Voice Traffic

### 5 Layers of Protection

The multi-layered voice traffic firewall, aka Mutare Voice Traffic Filter, will eliminate nefarious and nuisance calls at the network edge. Protect your people, customers and your entire organization from cyber criminals exploiting your phone system.

**Shut the door.** **Diminish the risk of ransomware, TDoS, theft and fraud by protecting your voice network.**



Uncover and discover the threats in your voice network through one of our proprietary assessments.

Select the one that best supports your situation, timeline and resources.

## VOICE TRAFFIC ANALYSIS

Submit at least 30 days of your CDR data and we will provide you with an in depth assessment of your call traffic.

Includes: Layer 2 (Proprietary Dynamic Db)

FREE

## VOICE TRAFFIC PoC

Try the Voice Traffic Filter for 30 days and experience the full impact for yourself.

Includes: All 5 Layers of Protection

\$ 6,500

## VOICE TRAFFIC REPORT

Regardless of which assessment you chose, we will prepare and present a professional, multi-page analysis that will include these custom findings, expert insights, industry benchmarks and comparisons and much more.

### 4 Perspectives

- Core Visibility
- Cybersecurity Risk
- Network Reliability
- People & Performance

### Insights & Analytics

- Annualized Total Calls
- Annualized Wanted Calls
- Annualized Unwanted Calls
- Annualized Nefarious Calls
- Annualized Nuisance Calls
- Contact Frequency (FAIR)
- Threat Event Frequency (FAIR)
- Initial Action Prevention: Nefarious Calls
- Initial Action Prevention: Nuisance Calls
- EST Lost Productivity / Year
- EST TDoS Equivalent Network Downtime
- Return on Investment (ROI)
- + Industry Metrics and Comparisons

# SOLUTION SUMMARY



## SOLUTION NAME

### Mutare Voice Traffic Filter

## UNIQUE VALUE PROPOSITION

The Mutare Voice Traffic Filter purifies voice network traffic by removing unwanted calls at the network edge.

## KEY BENEFITS

### Reduce Cybersecurity Risk

- Reduce Contact Frequency (FAIR Model)
- Reduce Threat Event Frequency (FAIR Model)
- Reduce Primary Loss (FAIR Model)

### Improve Network Reliability

- Eliminate Bad Traffic
- Reduce TDoS Equivalent Downtime
- Optimize Network Tuning

### Protect People & Performance

- Stop Bad Actors from Making First Contact
- Remove Unwanted Calls that Distract Your People
- Lift Workforce Productivity

## KEY FEATURES

- STIR / SHAKEN Filter
- Proprietary Dynamic DB Filter
- Spoof Radar Filter
- Voice CAPTCHA Verification
- Custom Rules Filter
- Inbound/Outbound Traffic Manager
- Personal Blocklist
- Admin Dashboard
- Admin Email Alerts
- Embedded CDR Reporting (Call Detail Records)

## ECOSYSTEM

### Enterprise

- We are vendor agnostic and built to work with a broad spectrum of technology providers (Avaya, Cisco, Mitel, Nortel..)

### Carriers

- We have a broad range of integrations and APIs for quick and easy deployment (Cisco, Broadsoft, Metaswitch, Netsapiens..)

## IMPLEMENTATION

Quick and easy implementation is fully managed and supported by our Operations and Customer Care Teams.

## SUPPORT & MAINTENANCE

Premium support and maintenance is included with all of our solutions. Every client is supported by our US-based Customer Care team.

Did you know that your enterprise phone system, or voice network, has become a focus for cyber criminals?

Robocalls - Spoof Calls - Spam Calls - Direct Nefarious Calls - Vishing - Smishing

**With Mutare Voice Traffic Filter you can remove, delete and vaporize unwanted calls so they don't wreak havoc in your voice network.**

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