CLOUD
SERVICES

Bandwidth & Traffic Management
Endpoint Anti-Virus Security (ESET)
Virtual Firewall
IP Phone & IP-PBX Solution
Office Email Security

**CLOUD SERVICES**

IPTEC Cloud Services

In the age of digital transformation IPTEC offer Cloud based Solution. Our customized Cloud solutions can solve any kind businesses requirements. Successful businesses care about constantly driving and increasing profits. Our perfect suite of solutions enables your business to enhance employee efficiency, save costs and improve overall profitability.

Using IPTEC Domestic Cloud Services, you can enjoy these benefits:

- No hardware on your premises means no maintenance.

- Around-the-clock, 24/7 support.

- Improving your company's cash flow — We have invested in an advanced telco hardware and software infrastructure so that you do not have to pay for hardware. You only pay for what you use as service.

- Our cutting-edge system is constantly updated. Our core network is kept current so that you always get the latest software versions.

- We remotely manage all your services. We make sure all your systems are always up and running so that you can work on scaling your business.

Bandwidth & Traffic Management

IPTEC offer Bandwidth Management Service that provides an understanding of incoming and outgoing network traffic. Once you understand your network traffic, you can use that information to decide how to prioritize or even limit traffic. You can decide to manage your traffic per IP, port, website or application – the choice isyours.We know that making the most of your bandwidth can be challenging. Ultimately, it helps you manage bandwidth efficiency and gain more bandwidth without spending more.
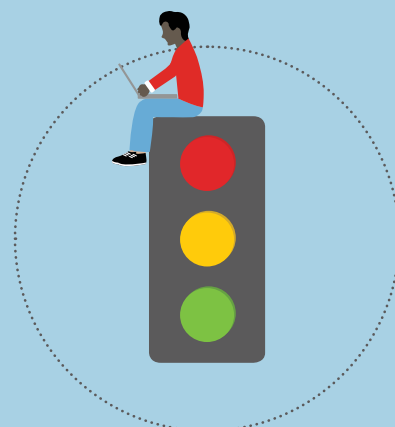
How it works:

- Enable audit logs on all traffic
- Monitor all network activity
- Learn which applications are consuming your network's traffic
- Analyze network activity by generating comprehensive reports that include protocol, application and website information
- Implement recommendations based on the comprehensive analysis report

With IPTEC Bandwidth Traffic Management, you will be able to:

- Make the most of your bandwidth by limiting certain applications at certain times
- Save monthly expenses on buying additional bandwidth
- Monthly reports showing the bandwidth utilization

#	Application	Action	Bandwidth	Session Count
1	Google.Services	Allowed	1.84 GB	6,085
2	YouTube	Allowed	1.78 GB	2,729
3	Netflix	Allowed	915.35 MB	448
4	HTTPS.BROWSER	Allowed	880.19 MB	12,647
5	Facebook	Allowed	568.18 MB	6,701
6	WhatsApp_File.Transfer	Allowed	557.39 MB	778
7	HTTP.Video	Allowed	472.30 MB	15
8	Apple.Services	Allowed	381.98 MB	533
9	Facebook_Video.Play	Allowed	332.80 MB	453
10	ISAKMP	Allowed	245.48 MB	3
11	Instagram	Allowed	205.28 MB	776
12	HTTP.BROWSER	Allowed	163.50 MB	4,360

Reports:

Our Bandwidth Management Service offers over 30 ready-to-use built- in templates so that you can generate any custom-data report. In addition, sample reports help you identify which reports are right for you.
* Above: an example a comprehensive analysis report

Virtual Firewall

Protect your Traffic Against any threat

IPTEC's virtual firewall was purpose-builtfor SMBs, SMEs and enterprise grade businesses, to enable them to easily protect their users and network from any cyber threats, security and vulnerabilities. IPTEC's Virtual Firewall Service offers a broad range of security, network and support services to protect businesses against advanced cyber threats.

The Firewall Service includes:

- IPS Scanning
- Antivirus Scanning
- Application Control
- Web Filtering
- SSL-VPN
- High-level security that protects your network environment
- Control user access to internet and websites
- Constantly updated signatures detect the latest malicious attacks
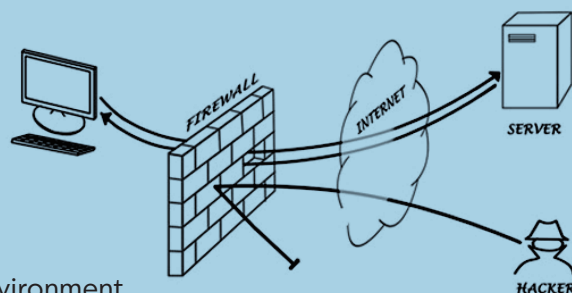
What is Virtual Firewall Services?

Virtual firewall service is a cloud based firewall security solution developed to protect your business, your employees and your clients. IPTEC offer virtual firewall solution is a next-generation firewall (NGFW) that provides multilayer security to protect incoming and outgoing traffic.Our Virtual Firewall Service based on an OPEX model, so there is no need to invest in hardware, maintenance and more employees. The service can managed either by customer's IT or by IPTEC's engineering team.
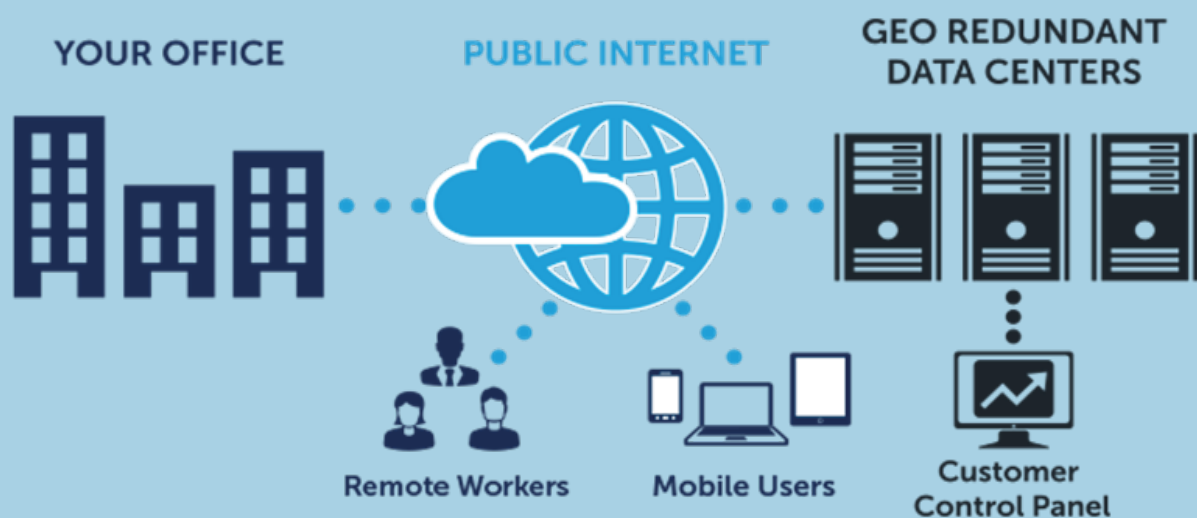
Why use IPTEC Virtual Firewall?

Scalable	Easily scalable and can grow as your business expands. It has the capacity to facilitate multiple sites and high bandwidth and allows multilevel administration access levels (Read-Only, Full Access).
Reporting suite	Can send reports to the IT department at specified times and intervals. The report contains a list of applications running on internet bandwidth, security vulnerabilities and recommendations to avoid breaches.
IPS	Conventional firewalls only identify port, protocol, and IP addresses, Our Virtual Firewall IPS Scanner protects against the latest network intrusions by detecting and blocking threats before they reach your network's devices. Our combination of real-time threat intelligence updates and thousands of existing intrusion prevention rules, delivers the industry's best IPS protection.
Antivirus	Antivirus protects against the latest viruses, spyware, and other content-level threats. It uses industry-leading advanced detection technologies to prevent both new and evolving threats from gaining a foothold inside your network and accessing its invaluable content
Application Control and Web Filtering	Improve security and meet compliance with easy enforcement of your acceptable use policy (AUP), through unmatched, real-time visibility into the applications your users are running. Protect your organization by blocking access to malicious, hacked, or inappropriate websites. Using the application control and web filtering features, you can quickly create policies to allow, deny, or restrict access to applications or entire categories of applications.
SSL-VPN	SSL and IPSec VPNs provide secure and reliable access to corporate networks and applications from virtually any internet connection, no matter how remote the location.

IP Phone & IP-PBX Solution

Good communication is at the heart of every successful organization. If your establishment is still using mobile only or analog phones, it's time for an upgrade. IPTEC Offer Cloud based IPBX Solution. You will enjoy HD quality office calls with IPTEC Cloud PBX platform. One of the key advantages to IP telephone systems is that whereas long-distance calls on a regular phone system can be cost prohibitive, the same calls on an IP phone system are free and there are no fees except the cost of Internet access.

All-encompassing business communications service perfect for customers all sizes. The service provides a full features business class to your office, along with some unified communication functions such as desktop and mobile clients.

YOUR OFFICE — **PUBLIC INTERNET** — **GEO REDUNDANT DATA CENTERS**

Remote Workers — Mobile Users — Customer Control Panel

Benefits of IPTEC IP Telephony Solutions:

- Scalability and Simple tomanage
- Improve business agility
- Reliable HD Quality voice communications
- No need for high cost on-premises PBX machines
- Use as many phone extensions as you need
- Tailor made solutions to meet your communication needs
- Save on phone costs with free calls between branches in and out of the country
- Choose from a wide range of desk phones and wireless phones
- Phones and computers are connected to save time and improve business agility

Endpoint Anti-Virus Security (ESET)

IPTEC's Endpoint Anti-Virus Security protects you against all types of malware, including viruses, ransomware, rootkits, worms and spyware. It is a comprehensive antimalware, with web filter, firewall, and USB drive and botnet protection.

- An agent Installed per host & Managed antivirus

- Full scan without feeling – low consumption.

- Virus infiltration reporting, anytime, anywhere.

- Comprehensive Endpoint Protection for Windows, Linux, MAC & Android

- Supports Virtualization (VMs) provides protectionfrom hackers & botnets.

- Real-time protection for your computers and servers against viruses and botnet

- Low system demands that provide top-security without interrupting your workflow

- Built-In Data Access Control. With Web Control to limit website access, and Two-Way Firewall.

- Remote Management. Fully manageable via the new ESET Remote Administrator web- console.

- All hosts are registered via cloud its can be managed via a single & highly sophisticate Dashboard
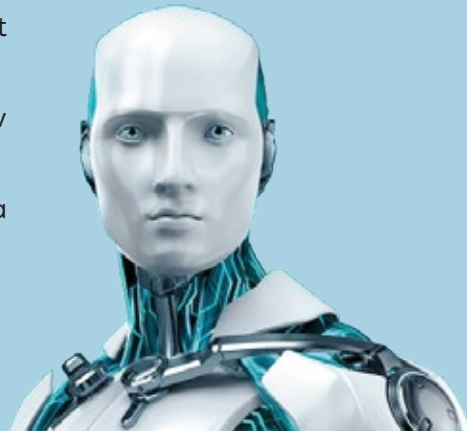
Real-Time Protection
Shields all applications and files in real time with ESET NOD32® proactive technology, optimized for mobile platforms.

On-Charger Scan
Allows to conduct a full device scan in off-peak hours when it is on-charger and the screen is locked.

Anti-Phishing
Protects users from attempts to acquire passwords, banking data and other sensitive information by fake websites masked as legitimate ones.

SMS & Call Filter
Protects users from unwanted calls and SMS messages from hidden numbers, selected contact or phone number or during pre-defined time-period.
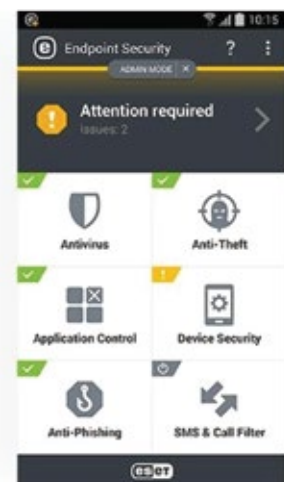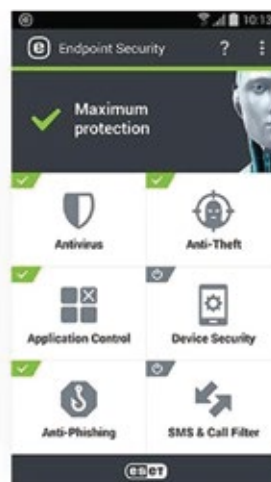
Office Email Security

Protect your inbox and your network from viruses and spam with our top-notch email security. IPTEC Provides seamless integration and user interface with protection against malware and spam. Its provide protection for SMB, SME and Enterprise customers email security.

Benefits of IPTEC Email Security Solutions:

Spam & Virus Protection & Anti-Phishing
- Block over 99.7% of spam and Virus threat and Phishing
- Neutralizes up to 90% of threats before it gets to your computer
- Flexible policy management at all user levels
- Inbound and outbound protection

Email Archives
- Powerful search engine and rapid retrieval
- Compliance ready solution
- Alternative data storage
- Message archiving

Email Encryption
- Secure outbound email
- Comply with security regulations
- No additional HW required
- Automate: create policy rules quickly

Big Email Data
- Enables you to share large files
- Files are secured and password protected

Our Partners:

Ruckus™   Mitel   FØRTINET

MobileIron   eset®   Asigra

BD INNOVATIONS   CYBONET   NUTANIX   BLUETOWN

IPTEC is one of the leading Internet Service Provider (ISP) and one-stop Digital Service provider in South Sudan. Incorporated in 2011, IPTEC has already expanded its services to Optical Fiber, Wireless Internet, Satellite Internet and Intranet (data) services on hand in all the states of South Sudan.

Our Vision

To provide quality services that exceeds the expectations of our esteemed customers.

Our Mission

To build long term relationships with our customers by providing unparalleled customer services through business innovations and most advanced technologies.
Our watchwords are: **Committed, Reliable & Trusted**

Our Strength

- One stop Digital Service centers
- Telco Grade Internet Service
- Our own Internet Gateway in South Sudan
- A pool of certified IP Core, RF and VSAT engineers
- 50+ expert team members working in Juba, South Sudan
- Our own Satellite Networks & Teleport Infrastructure in Germany
- Terrestrial Optical Fiber bandwidth with uninterrupted satellite backup
- Government authorized licensed spectrum without interference
- Robust Wireless Network coverage with P2P, PtMP and 4G LTE technology
- Connected with multiple upstream providers in Germany, Uganda, Kenya & UK
- Partnership with various ICT companies from USA, UK, Russia, Switzerland, Israel, Germany, Belgium and Bangladesh

iptec
Committed. Reliable. Trusted.

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