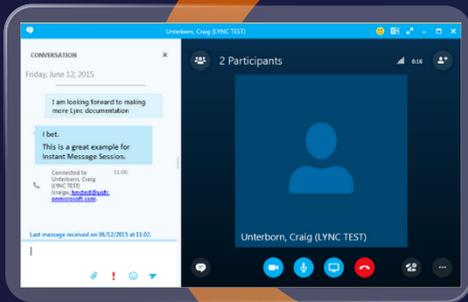


SD-WAN Ready ILL



Customer Deck

Market Trends



Market Growth

The Indian firewall security market for managed services is expected to grow at a CAGR of over 16% from 2021 to 2027 as enterprises deploy firewall over traditional networks. The need for intelligent routing will be critical for enterprises to manage their networks efficiently.

Key Drivers for Adoption

The adoption of security-based solutions began with the accelerated cyber threats faced by organizations, prompting the deployment of firewalls as a mandatory initial solution. As branches increased and centralized monitoring became necessary, next-gen security integration further drove SD-WAN adoption.

Enterprise Adoption Trends

BFSI, Healthcare, Retail, Manufacturing, IT & Services are early adopters of the new-age tech due to their scaling aspirations and knowledge-based nature. They must either already have deployed next-gen firewall or ensure that they use an SD-WAN-ready solution.

Source: GlobalData & [Managed Services Market Size & Trends](#)

Business Challenges



Security Vulnerabilities

Current infrastructure exposes networks to malware and virus threats due to compromised security measures.



Limited Future Adaptability

Rigid infrastructure lacks scalability and fails to meet the future needs of growing enterprises, hindering their future growth.



Poor Network Visibility

Lack of visibility across branches/offices results in limited insight into network performance and issues.



Inefficient Network Optimization

Absence of intelligent network optimization, WAN resilience and application prioritization leads to suboptimal bandwidth usage and user experience.



Introducing SD-WAN Ready ILL

A robust networking solution with security capabilities, fully scalable on-demand, designed specifically for small and medium enterprises. It offers businesses a comprehensive secure networking solution to address their present and future needs. This solution combines the security of the next-gen firewall along with internet leased line and provides agility and efficiency.



In-built SD-WAN capabilities with **next-gen firewall**



Advanced network security and threat protection



Proactive monitoring for maximum uptime



Seamless **auto failover capability**

Key Features & Benefits



Built-in Next Gen security

Inbuilt firewall with option of Advanced Threat Protection (ATP) and User Threat Protection (UTP) capabilities



WAN Resilience

Ensure uninterrupted connectivity allowing auto-failover capabilities



Future Ready

Offers secure ILL access with seamless scale up options for enhanced networking and secure branch connectivity



Centralized Management

Offers an advanced dashboard for monitoring network performance, optimizing resources, and making informed decisions



Advanced Routing

Optimizes link and application routing for superior performance



Comprehensive Visibility

Offers 360-degree network visibility across all branches and locations

SD-WAN Ready ILL Product Variants

✓ yes ✗ No

Features	Customer Benefits	Standard	Premium	Platinum
Symmetric Bandwidth	Uncompressed bandwidth with dedicated pipe for data traffic	✓	✓	✓
Static IPv4 and IPv6	Supports dual stack IP addresses as per infrastructure availability	✓	✓	✓
Dedicated Bandwidth	Full duplex pipe with equal upload and download speed with faster response time	✓	✓	✓
SLA- MTTR	Faster resolution for faults with Mean Time to Resolve (MTR) < 4 hrs	✓	✓	✓
Read-Only Access	Access to view reports, BW utilisation on dedicated web portal	✓	✓	✓
Installation and Change Management	Complimentary services with SD-WAN ready ILL offering	✓	✓	✓
Repair and Replacement	Complimentary services with SD-WAN ready ILL offering	✓	✓	✓
Managed Services	Proactive monitoring to manage link up and down state	✓	✓	✓
Policy Management	24X7 team to manage customized policies	✓	✓	✓
Auto Failover	Option to tak2nd ILL link to achieve redundancy for always on network	✓	✓	✓
IP Sec Tunnel	Connect remote offices to main office	✓	✓	✓
Secure Stateful Firewall	Secure network connections and protection against threats	✓	✓	✓
VPN Tunnel (SSL)	Allows businesses to login in into the device remotely	✓	✓	✓
Deep Packet Inspection	Regular network traffic scan against cyber threats	✗	✓	✓
SSL Inspection	Ensures secure handling of encrypted data of websites	✗	✓	✓
IPS (Intrusion Prevention System)	Stops known threats from entering the network	✗	✓	✓
Advanced Malware Protection	Detects and prevents malware in real-time	✗	✓	✓
Virtual Patching	Fixes vulnerabilities without delay	✗	✓	✓
Anti-Malware/Anti-Virus	Cleans up malware-infected files and stops them from spreading	✗	✓	✓
Botnet Attacks	Prevents software generated attacks	✗	✓	✓
Outbreak Prevention	Intelligent protection against new virus	✗	✓	✓
Identity-Based Security	Customizes security profile based-on user identities	✗	✗	✓
Application Control	Allows application-level control and policy	✗	✗	✓
Web & Video Filtering	Manages video usage and filters web content	✗	✗	✓
Email Link Scanning	Check emails safety and security	✗	✗	✓
Antispam Service	Reduces unwanted emails	✗	✗	✓

Key Features Comparison Chart

Features	SD-WAN Ready ILL	Standard ILL
 Security	Advanced security features	No security features
 Application Aware Routing	Prioritization for critical applications	Basic link without application prioritization
 Traffic Optimization	Optimized traffic routing	Basic traffic management
 Upgrade to SD-WAN	Smooth migration to SD-WAN	Not compatible/capex required
 Data Analytics and Insights	Insights and analytics available	Basic information available
 Performance Monitoring	Real-time monitoring and reporting	No performance monitoring
 Management	Centralized management & visibility	No management capabilities
 Customer Engagement	Enhanced interactive portal support	Limited support for customer engagement

Firewall Prescription

Firewall Prescription

User Grid for Firewall Model Selection

Bandwidth	No. of users <=30	No. of users 31-60	No. of users 61-80	No. of users 81-200	No. of users 201-600	No. of users 601-1200	No. of users 1201-2400
10 Mbps	40F	60F	80F	90G	200F	400F	600F
20 Mbps	40F	60F	80F	90G	200F	400F	600F
30 Mbps	40F	60F	80F	90G	200F	400F	600F
50 Mbps	40F	60F	80F	90G	200F	400F	600F
100 Mbps	60F	60F	80F	90G	200F	400F	600F
155 Mbps	80F	80F	80F	90G	200F	400F	600F
200 Mbps	90G	90G	90G	90G	200F	400F	600F
300 Mbps	90G	90G	90G	90G	200F	400F	600F
400 Mbps	90G	90G	90G	90G	200F	400F	600F
500 Mbps	90G	90G	90G	90G	200F	400F	600F
1000 Mbps	200F	200F	200F	200F	200F	400F	600F

A Leading BFSI Company Enhances Network Security

“TTBS SD-WAN Ready ILL solution helped resolve our cybersecurity vulnerabilities, compliance issues and enhance network performance by deploying a managed firewall service, ensuring protection against cyber attacks, malware and unauthorized access thereby safeguarding sensitive financial data.”

Leading Financial Services Firm, Mumbai



Business Challenges

With a diverse portfolio, the NBFC faced significant challenges in its security infrastructure, impeding its ability to adapt to the evolving digital landscape. These challenges include:

Risk of Malware and Viruses: The proliferation of malware posed a threat to critical operations and business continuity.

Data Leakage and Unauthorized Access: There was a pressing need to prevent unauthorized access to sensitive data to maintain integrity and confidentiality.



TTBS Solution

In response, TTBS proposed a tailored SD-WAN Ready ILL solution for the BFSI company:

Real-time Threat Monitoring: UTP license for monitoring and threat detection, enabling proactive defense against cyber threats.

Malware and Virus Protection: Integration of robust antivirus solutions to safeguard against malware infections.

Remote Access Management: Implementation of VPN tunnels for remote access management at all customer locations.



Benefits

Enhanced Cybersecurity: Improved defenses against cyber threats and bolstered network security.

Protection of Critical Information: Safeguarding critical data assets, thereby enhancing trust.

Improved Operational Efficiency: Streamlined operations and focus on core activities, boosting efficiency by enabling HQ server access from any branch location.



A Leading Logistics & Transport Company Focuses on Remote Security

"TTBS SD-WAN Ready ILL solution provided VPN-based remote accessibility and ensured security of our maritime operations across all global locations. It not just provided protection for critical data assets but also enhanced overall productivity, resilience, and security."

Logistics Corporation, Mumbai



Business Challenges

The company faced significant challenges with security breaches, hindering its adaptation to the evolving digital landscape. These challenges include:

Vulnerability to Cyber Threats: The security infrastructure was at risk of cyberattacks, posing a threat to maritime data security.
Data Protection and Connectivity: There was a need to secure various office/users/locations connectivity while safeguarding critical data from breaches.



TTBS Solution

In response to these challenges, TTBS proposed a comprehensive SD-WAN Ready ILL Solution:

Secure Connectivity: Implementing advanced firewall technology with ATP for secure fleet connectivity, ensuring data protection.

Data Protection: Enforcing access controls and encryption to safeguard maritime data, enabling secure access via VPN between site-to-site and client-to-site tunnelling to interconnect various branches and enable remote access globally.



Benefits

Enhanced Security: Secure connectivity and data protection mitigate risks, ensuring uninterrupted maritime operations.

Improved Data Protection: Robust firewall protection and encryption maintain data integrity and confidentiality.



A Leading Manufacturing Company Boosts Efficiency and Security

“With SD-WAN Ready ILL, our manufacturing operations are now more efficient and secure. The solution has ensured fast and uninterrupted access for all our factory units at 5 different locations. This enhanced stability has boosted productivity and customer satisfaction. The solution has revolutionized our network infrastructure, providing the much needed agility and scalability.”

Leading E-commerce Company, Noida



Business Challenges

The company encountered several challenges due to its diverse portfolio:

Network Security: Need for robust measures to protect against cyber threats and safeguard customer data.

Manageability and Single ISP: Need to simplify operations by consolidating services under one Internet Service Provider.

Managed Services Support: Need for reliable support to address network issues and ensure seamless operations.



TTBS Solution

In response to these challenges, TTBS proposed the below solution:

Enhanced Network Security: Established VPN connectivity from 5 locations to HQ for server access. Deployed unified threat management security solutions such as managed firewall services.

Managed Services: Helped implement resolution of network issues promptly and efficiently, ensuring optimal performance and reliability.

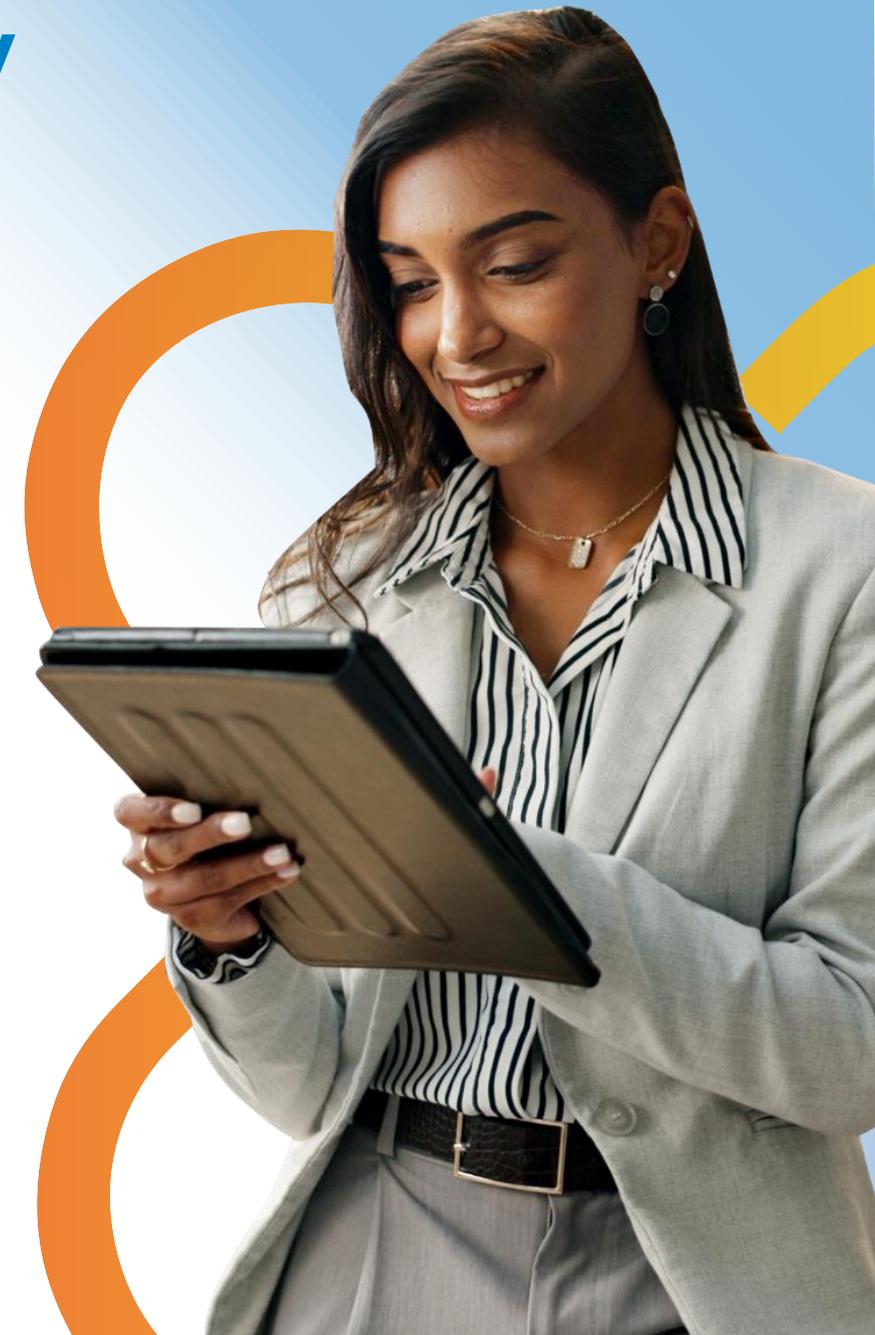


Benefits

Enhanced Network Security: Robust security measures protected against cyber threats, safeguarding sensitive customer data and maintaining trust and reputation.

Simplified Network Management: Simplified operations by consolidating services under one Internet Service Provider.

Reliable Managed Services Support: Prompt resolution of network issues and proactive support improved operational efficiency.



A Leading ITeS Company Adapts to Network Demands

“The SD-WAN Ready ILL solution provided us with flexibility in configuration, saving time and money while meeting the evolving network requirements from a single window. It ensured efficacy and met business needs, including test beds, without compromising security or performance. We also have access to robust traffic monitoring, real-time reporting features, and can perform proactive performance analysis.”

Leading Services Company, Kolkata



Business Challenges

With a diverse portfolio, the NBFC faced significant challenges in its security infrastructure including:

Risk of Malware and Viruses: The proliferation of malware posed a threat to critical operations and business continuity.
Data Leakage and Unauthorized Access: There was a pressing need to prevent unauthorized access to sensitive data to maintain integrity and confidentiality.



TTBS Solution

In response, TTBS proposed a tailored SD-WAN Ready ILL solution for the ITeS company:

Real-time Threat Monitoring: We implemented UTP license for monitoring and threat detection, enabling proactive defense against cyber threats.
Malware and Virus Protection: Integration of robust antivirus solutions to safeguard against malware infections.



Benefits

Protection of Critical Information: Safeguarding critical data assets, thereby enhancing trust.
Improved Operational Efficiency: Streamlined operations and focus on core activities and boosting efficiency by enabling HQ server access from any branch location.



SD-WAN Ready ILL FAQs

01

Does SD-WAN Ready ILL provide advanced security features?

SD-WAN Ready ILL offers advanced and unified threat management capabilities to ensure the security of data networks.

02

Does SD-WAN Ready ILL cover all security aspects?

Yes. SD-WAN Ready ILL offers a range of security features, from basic to advanced levels including port blocking, web filtering, and segment security as well as SSL, IPS, and more.

03

How do we determine which firewall model suits our requirements?

You need to refer slide no. 7 - firewall prescription table as a ready reckoner to select the required firewall model.

04

Can VPN tunnels be established between offices if required?

Yes, it is possible to configure VPN tunnels under SD-WAN Ready ILL.

05

Can third-party links be terminated on SD-WAN Ready ILL?

Yes, third-party link termination is allowed with applicable terms and conditions.

SD-WAN Ready ILL FAQs

06

What is SD-WAN Ready ILL, and where will the services be configured?

SD-WAN Ready ILL solution combines the reliability of an Internet Leased Line (ILL) with advanced SD-WAN features, ensuring fast, secure, and scalable connectivity for businesses. These services will be configured on the TTL-provided Firewall.

07

What bundled services are included under manageability?

Configuration, proactive monitoring, and link utilization summaries are included as part of the bundled services to ensure that you stay informed on any changes in your bandwidth requirements.

08

How can I track security threats to my network?

You can log in to the TTBS web portal and access the Managed Services dashboard to monitor, identify and resolve threats.

09

What is the Bandwidth range of SD-WAN Ready ILL?

SD-WAN Ready ILL bandwidth ranges from 10 Mbps to N*1 Gbps.

10

Does SD-WAN Ready ILL require any capital expenditure (Capex)?

No, there is no Capex requirement. It is a simple payment of ARC with a nominal one-time charge based on your requirements.



Thank You

#TimeToDoBig

Website 