

SD-WAN
iFLX

Intelligently
Flexible

Network Inspired by you, that works for you efficiently and effortlessly

Being fast and flexible is at the foundation of all digital and network transformation initiatives today. As businesses around the world, both big and small are rapidly digitising in a bid to develop operational resiliency, the need for robust networking practices has skyrocketed.

Traditional network architectures were not built to handle the workloads and complexities of most digital transformation initiatives. More troubling is the fact that business-critical services are also often distributed across multiple clouds and service providers, which can compromise network performance further, especially at branch locations. For SMEs in

particular, the cost of building and maintaining their own private networks can be high and adopting older practices (like private WANs using MPLS) can be financially crippling.

This is where TTBS SDWAN-iFLX brings intelligence and flexibility. Powered by Fortinet (a category leader as per Gartner Magic Quadrant), SD-WAN iFLX solution gives you operational simplicity, application-level prioritization and visibility, integrated security, enhanced overall business application environment as well as the much-needed resilience at an affordable price point.

SD-WAN iFLX enables best use of available last mile resources and delivers an optimised customer experience

- Encrypted connectivity service on public and private networks
- Employs routing intelligence to optimize available connectivity for enhanced user experience and application prioritization
- Creates detailed visibility performance parameters for customer/business



How SD-WAN iFLX helps optimize your network performance



Optimizes network performance and uptime



Simplifies multi location branch set ups



Scalable as per your needs – last mile and service provider agnostic solution



Critical application traffic prioritization



Granular visibility and analytics

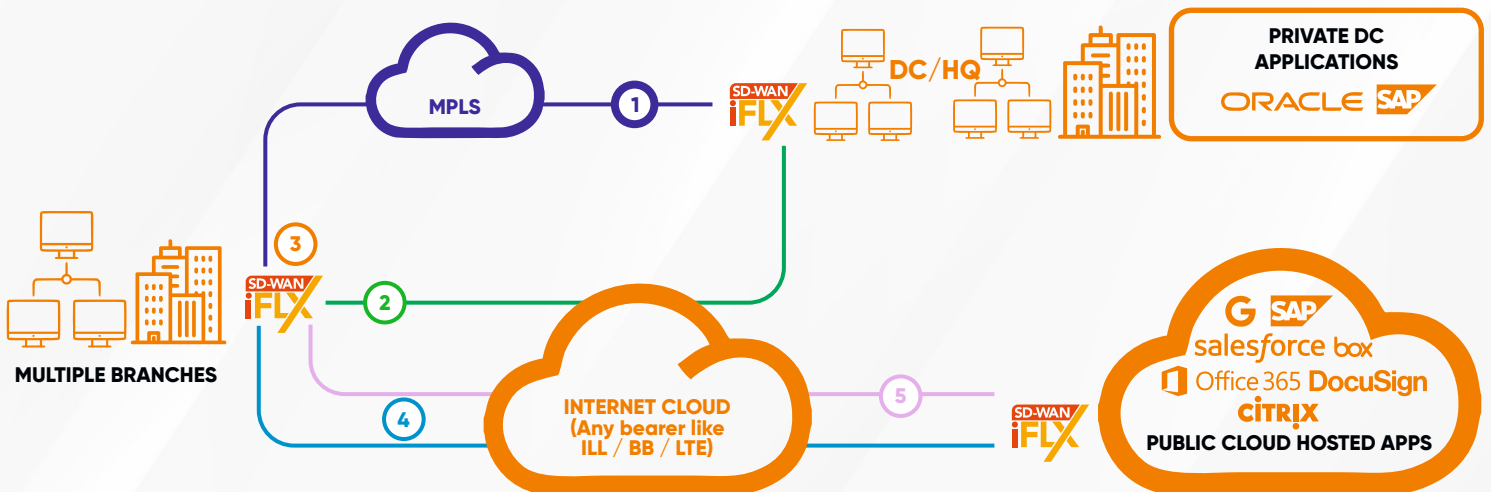


Security



Cost reduction for setting up and managing

How it works for you



1. WAN selection
Allow critical apps to use the most reliable WAN link

2. Business continuity
Connect to HQ over internet even if MPLS is down

3. Security
Restrict threats and cyber attacks via internet links

4. Secure cloud applications
MPLS direct connect, P2P VPN or IP whitelisting for cloud apps security

5. SaaS & web applications
Use internet links in branches to directly access web applications

SD-WAN iFLX – key features



Managed secure SD-WAN iFLX, powered by Fortinet



Opex-model for SME



WAN path controller

- Efficient use of bandwidth
- Auto failover, load balancing and bonding



ASIC (Application-Specific Integrated Circuit) accelerated SD-WAN

- Faster application identification and steering
- Application QoS and traffic shaping



Centralized control and orchestration

- Automation for configurations and monitoring
- Zero Touch Provisioning (ZTP)



Analytics and reports

- Granular level visibility
- Real time application and rule utilization reports



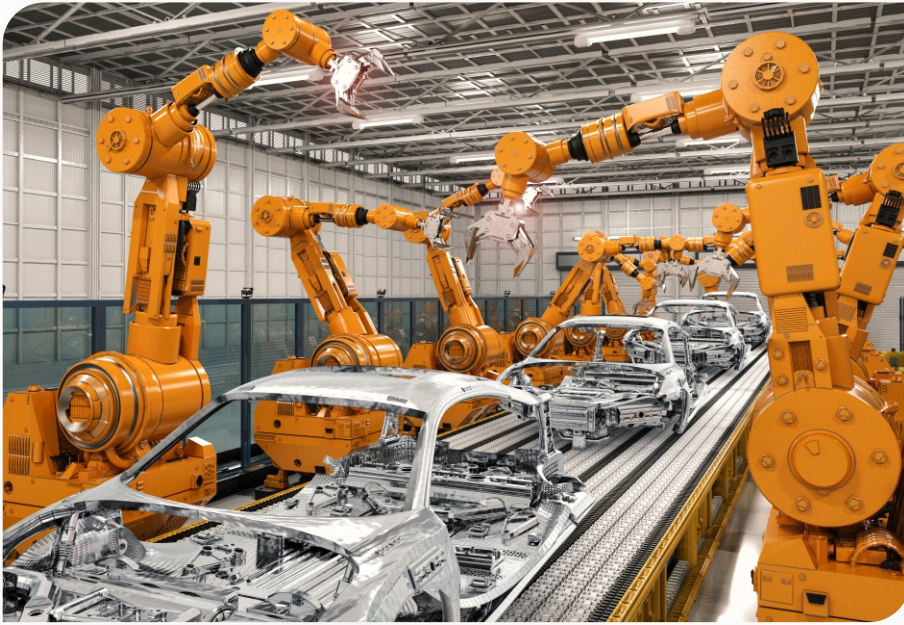
Next generation security

- IDS, IPS, web security, malware protection, antivirus and botnet
- Content, video filtering and anti-spam

Industry use case

Manufacturing

Challenge: Managing connectivity uptime for dispersed remote locations



Key requirements

- Branch accessibility for critical ERP and CRM applications
- Better management of connectivity across multiple links in remote locations
- Centralized visibility of all connected locations

How SD-WAN iFLX can solve the challenge

- Application aware routing helps in traffic prioritization
- WAN optimization helps in intelligent WAN management and auto failover
- Advanced WAN management feature ensures seamless connectivity on multiple WAN links
- Granular analytics create deep insights on network

Increased efficiency and uptime

Enhanced customer experience

Simplified operation control

Visibility and security

Core business enablement

Banking

Challenge: Secured branch access on hybrid networks and ensuring uptime



Key requirements

- Secure online access for branches
- Traffic prioritization for banking applications
- Connecting remote locations having broadband and LTE connectivity

How SD-WAN iFLX can solve the challenge

- SD-WAN iFLX Ultra provides next gen security and protection
- Advanced WAN management feature ensures seamless connectivity on multiple WAN links
- Application steering and prioritization ensures accessibility for critical applications

All in one security and WAN mgmt.

Uptime + customer experience

Simplified operation control

Scale + visibility

Core business enablement

Health care

Challenge: Ensuring uptime and security are the two imperatives for this industry



Key requirements

- Application availability for HIMS (Hospital Information Management Systems)
- Ensuring high connectivity uptime for 24/7 operations
- Data security and privacy

How SD-WAN iFLX can solve the challenge

- WAN optimization helps in intelligent WAN management and auto failover ensures high uptime
- Best path selection for critical applications with flexible rules definitions
- Enhances application, link and traffic level visibility with next gen security overlay

Service continuity

Centralized operations

Granular visibility

Security to the core

Increase business efficiency

Retail

Challenge: Enabling reach and scale in a rapidly growing sector



Key requirements

- Flexibility to use multiple last mile service provider links
- Connecting remote locations having broadband and LTE connectivity
- Access required for POS and CRM applications
- Support future cloud roadmap

How SD-WAN iFLX can solve the challenge

- Advanced WAN management feature ensures seamless connectivity on multiple WAN links
- Last mile and service provider agnostic overlay solution to provide scale and reach
- Application prioritization rules for critical applications – supports cloud on ramp

Uptime + customer experience

Simplified operational control

Scale + visibility

Connectivity enablement on any last mile

Quick setup

ITeS – BPO / KPO

Challenge: Managing critical traffic and ensuring high uptime



Key requirements

- QoS management for voice traffic
- Ensuring all time availability to CRM and call management applications hosted in data centers or on cloud
- Support for large workforce with 24/7 working hours

How SD-WAN iFLX can solve the challenge

- Application steering and prioritization helps manage critical traffic effectively
- Built in WAN remediation helps manage QoS
- Seamlessly handles multi links and multi locations as an unified network

Service quality and continuity

Traffic and application prioritization

Visibility

NGFW UTM security

Measurable business KPI

Plan offerings

| FEATURES | SD-WAN iFLX Lite | SD-WAN iFLX Pro | SD-WAN iFLX Ultra |
|---|------------------|-----------------|-------------------|
| 1. Flexible WAN Management | | | |
| SLA based best path selection | ✓ | ✓ | ✓ |
| Bandwidth optimization | ✓ | ✓ | ✓ |
| WAN auto failover | ✓ | ✓ | ✓ |
| Load balancing | ✓ | ✓ | ✓ |
| Dynamic branch to branch tunnel | ✓ | ✓ | ✓ |
| Local internet breakout | ✓ | ✓ | ✓ |
| Bonding | - | ✓ | ✓ |
| 2. Application Aware Routing | | | |
| Application steering | ✓ | ✓ | ✓ |
| Prioritization on QoS | ✓ | ✓ | ✓ |
| SSL decryption | ✓ | ✓ | ✓ |
| Deep packet identification | ✓ | ✓ | ✓ |
| Forward error correction | ✓ | ✓ | ✓ |
| SaaS / Cloud application optimization | - | ✓ | ✓ |
| 3. Zero Touch Provisioning | ✓ | ✓ | ✓ |
| 4. Managed Services | ✓ | ✓ | ✓ |
| 5. Analytics, Reports and Dashboards | - | ✓ | ✓ |
| 6. i-Serve Portal | - | - | ✓ |
| 7. Next Generation Firewall - UTM | - | - | ✓ |

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