Internet Clean Pipe Solution from Tata Communications

Solution ensures optimal bandwidth usage and huge cost savings on security hardware

Security threats such as worms, viruses, and trojans are now more sophisticated, frequent, and dangerous than ever before. Such attacks can cause downtime, drive up bandwidth costs, result in the loss of customers, damage your reputation and can eventually lead to severe financial losses. Preventing such attacks requires continuous monitoring and management by expert security staff 24x7x365 and significant investments in security infrastructure. In addition to a standard firewall, companies need to procure anti-virus, anti-spam, anti-spyware, intrusion prevention and web filtering devices to defend against security attacks. In addition to this, if companies have multiple office locations, it is necessary to secure each of these locations, as network downtime in any office location can severely affect business processes.

Tata Communications’ Internet Clean Pipe Solution has been designed to protect companies at the core-network layer. This service includes a network based all-in one Fortinet Unified Threat Management device which includes anti-virus, anti-spam, anti-spyware, intrusion prevention and web filtering capabilities which is housed in our ‘Scrubbing Centre’. The internet traffic is re-routed to the ‘Scrubbing Centre’, where the traffic is cleaned and checked for malicious content before entering the customer premise. This eliminates the need for investment in security hardware and costs associated with maintenance and management at the customer premise.

Key Features

Internet Clean Pipe

- True Tier-1 Global Internet Service.
- Over 300 Global IP POPs, access 150+ cities and over 25 countries across globe.
- End-to-End Management approach.
- A network based all-in one Security solution that cleans the Internet traffic before entering the customer premise.
- A full featured Unified Threat Management device which includes anti-virus, anti-spam, anti-spyware, Intrusion prevention and web filtering capabilities.
- Approx 600 Gbps of bandwidth.
- Extensive Global Peering relationship.
- Multiple submarine cable systems for route-level redundancy.
- 100% network uptime, and zero latency and packet drop.
Internet Clean Pipe

Key Benefits

Cost Savings

- 100% utilization of bandwidth purchased without any unwanted traffic.
- Maximize protection without investing in expensive devices.
- No Security device required at customer premise, hence no capital expenditure.
- Continuous savings on operations costs like power, space, license fees and hardware maintenance.
- Helps reduce staffing requirements, training, maintenance and infra-structure costs for lower total cost of ownership.
- Reduce connectivity expenses by leveraging the firewall platform’s supported VPN capabilities.

Better Protection

- Helps minimize business impact and improve security posture by preventing attacks from both known and emerging threats.
- Go beyond reporting and leverage integrated intrusion prevention capabilities to reduce the ability for attacks to traverse the network.

Security Services Operations Center (SSOC)

- 24X7X365.
- ISO 27001 certified.
- ITIL compliant.
- Main site in Chennai and DR site in Singapore
- State of art intelligence and event management capability.
- Certified professionals handle operations 24X7X365.

Simplify Management

- Ensure endpoint security policy compliance before allowing access to network.
- Ongoing maintenance, including security patches updates.
- Centralized policy based control of network traffic.

For more information on Internet Clean Pipe Solution, please visit:

www.tatacommunications.com/contact

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