

TCL vProxy

Secure Internet traffic and control Internet usage



Cloud based Web Security and Filtering

Tata Communications SecureInternet service provides comprehensive protection against web based malware. This service can be used to secure internet connectivity for main office, distributed sites or roaming users. All web based threats are removed in the Internet cloud itself and no hardware needs to be installed in customer premise. The service enables same end user policies can be applied to Internet being accessed from different office locations or roaming users.

Protection against Web 2.0 and other advanced threats

SecureInternet provides comprehensive protection including advanced protection from botnet, phishing, anonmisers, cross-site scripting, malicious active content, peer-to-peer file sharing etc. Web 2.0 presents new threats though user posted content on social networking sites, cross site linking etc which can be protected subscribing to Tata Communications's SecureInternet service.

Zero hour protection - secure new internet sites come up every day.

New internet websites come up everyday. TCL's SecureInternet service

automatically classifies such sites into different pre-defined categories and cleans the traffic coming from new sites. The content scanning engine of the service will check the website content and remove all malware. End users do not have to bother about their systems getting compromised from new and currently un-classified sites.

Instant snapshot of Service parameters through Self service portal

A self service portal will be made available to the customer admin representative. This portal allows the admin to define customized policies, instantly view service related parameters, monitor and control internet usage pattern, generate management reports and do other administration tasks themselves.

Application control

Tata Communications's SecureInternet service allows customers to control Skype, Email, IM, P2P file sharing and other HTTP tunneling applications. These applications use the open HTTP 80/443 port for communication. Other services also use these open firewall ports o provide different kind of web applications to end customers. TCL SecureInternet service monitors such traffic and allows the customer to control different aspects of



these applications. Customers can block email attachments, stop or restrict skype usage and impose multiple restrictions on such traffic.

Control Internet Bandwidth Usage (not just monitor usage)

Employees sometimes use the office Internet connectivity to download allowed entertainment content (YouTube, songs, movie etc). At times such usage affects the performance of other business critical Internet applications. By using TCL SecureInternet service, it is possible to define an upper limit on bandwidth usage for such application traffic.

Advanced Features – browser control etc.

This service has some advanced features which can increase the security of the IT

infrastructure. One such feature is browser-control. It is possible to control user access depending on the version and patch level of the browsers being used.

No upfront Capex expense

The service is completely cloud based and no expensive infrastructure is required on the customer premise. New users can be added or deleted dynamically without worrying about capacity issues.

Easy and quick to setup - cloud based

Setting up the service is easy and quick. No hardware or software is required in the customer premise in order to use this service. Different options are available to divert the Internet traffic from customer premise to the cloud based setup.

