TREND MICRO™

InterScan™ Web Security As A Service
Getting Started Guide

Total Web Protection - Everywhere and All the Time

Protected Cloud   **Web Security**

About InterScan Web Security as a Service

InterScan Web Security as a Service (IWSaaS) is a security application that runs in a cloud environment. There is no capital expenditure as investments are not required for either hardware or software. By using IWSaaS, you can focus on strategic security, such as policy and architecture, rather than on the operational tasks of managing network infrastructure.

IWSaaS can protect a computer or mobile device. Using Mobile VPN, IWSaaS can protect iOS- and Android-based mobile devices.

Features:

- Anti-Malware Protection is highly configurable and detects viruses or other security risks in file uploads and downloads. IWSaaS also scans for many types of spyware, grayware, and other risks.

- Application Control automates the discovery of popular Internet applications and allows administrators to control them using policies.

- Approved/Blocked lists can also be used to control access to any specific site.

- URL Filtering offers policy-based traffic scans organized by URL categories, such as "Adult" or "Gambling" to filter traffic. When a user requests a URL, IWSaaS first looks up the category for that URL and then allows, denies, or monitors access based on the policies set up.

Figure 1: High-level Architecture Flow Diagram illustrates how IWSaaS manages your network traffic in the cloud. When a user sends an HTTP request - whether inside or outside your firewall - that user's traffic is routed through the cloud. IWSaaS inspects the request, analyzes it, and filters it based on policies set by administrators. If the request is allowed, and the user logs on IWSaaS, then IWSaaS sends the secure content back to the

user. If the request is not allowed, for example a request to a forbidden URL category, then IWSaaS blocks the request and notifies the user.
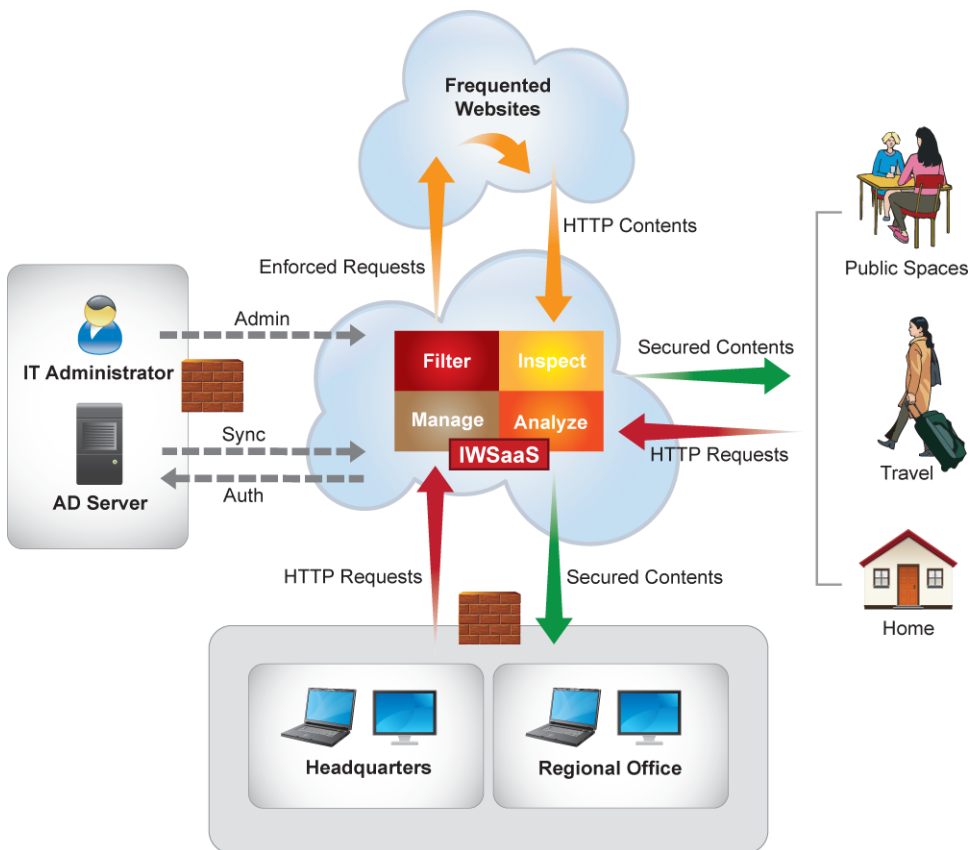

FIGURE 1. High-level Architecture Flow Diagram

For users wanting IWSaaS protection on their iOS or Android mobile devices, Mobile VPN connects each mobile user to IWSaaS and establishes an Internet Protocol Security (IPsec)-based VPN tunnel to send and receive traffic. Mobile VPN uses certificate-based authentication coupled with the mobile user's username and password to authenticate the user when establishing the VPN tunnel.