TrafficWiz
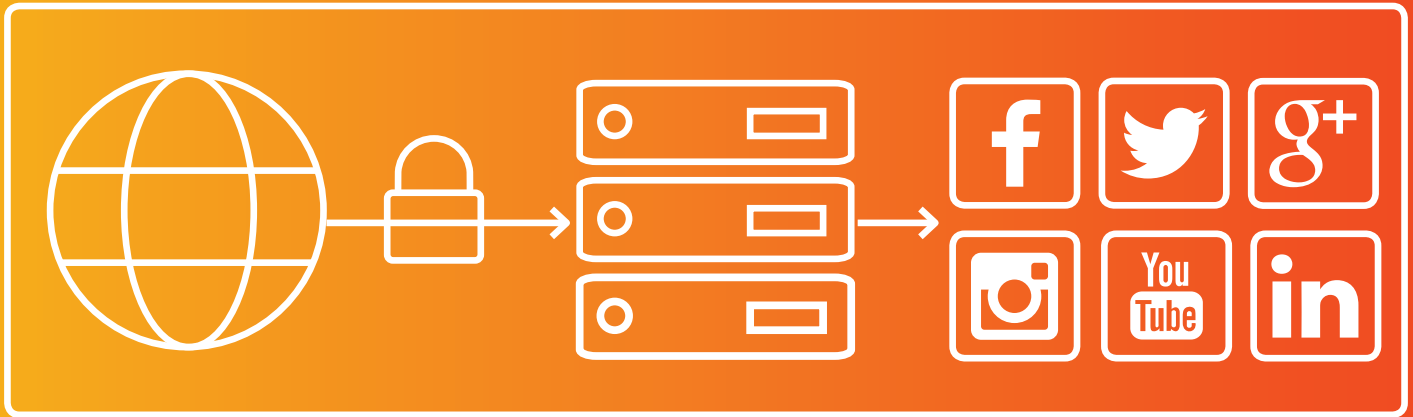
Encrypted Traffic Classification

KEY FEATURES:

Detects applications within encrypted traffic

Utilizes Machine Learning

Supports up to 10 Gbps traffic

Suitable for integration with big-data platform or small probes

Traffic classes: Social Media, Audio/Video streaming, VoIP, P2P, Instant Messaging, Mail, File Transfer, Web browsing

High accuracy & Low False Positives

Do you know what is lurking on your network?

Recent trends to protect user privacy on the Internet has led many popular applications to encrypt user traffic. This increasing amount of encrypted traffic poses a huge challenge for IT Professionals and Law Enforcement Agencies. When network traffic is encrypted, existing traffic analysis tools are less accurate and effective. They fail to classify and filter traffic for further analysis. Deep Packet Inspection (DPI) modules, which are at the heart of traditional application and threat detection, are rendered useless because DPI pattern matching engines cannot determine whether network traffic consists of voice, video, data or other applications.

TrafficWiz can identify the underlying applications even when the traffic is encrypted. TrafficWiz identifies traffic classes and applications with very high accuracy by applying multiple machine learning algorithms and combining the results. The underlying classification module can be integrated into a big data platform for high speed networks as well as into network probes. Public Safety, Law Enforcement and IT personnel in various organizations will benefit directly from the enhanced ability to classify and filter encrypted traffic.