

What is the difference between HTTPS Inspection and MITM?

Last Modified on 2022-Sep-23

In this article

This article is for **IT support**.

HTTPS Inspection and **MITM** are similar functions for intercepting text sent from your users' devices for filtering and reporting.

"**HyperText Transport Protocol Secure**" (**HTTPS**) **Inspection** requires a **School Manager physical appliance** on your network. A security certificate is installed on devices (like shared computers in your library) to use your physical appliance. The certificate allows your School Manager appliance to sit between the device and the internet. School Manager will intercept, decrypt, and filter text before it is sent to specified websites and can enforce Safe Search.

"**Man In The Middle**" (**MITM**) is an optional function for **Connect** running on your user's **Windows, macOS, and iOS/iPadOS** devices. It does *not* need a School Manager physical appliance and intercepts text to specified websites anytime the user's device is connected to the Internet. **MITM** can also add commands when a user opens a Microsoft or Google sign in to ensure they can only access their school account. **Connect** will intercept and inspect text from your users' devices.

When your IT support enables either **HTTPS Inspection** or **MITM**, they add supported websites like Bing, Google search, YouTube search or Vimeo to a list of inspected sites. Your IT support can configure School Manager to perform any of the following functions when a user opens a site on the Inspected list:

- Enforcing **Safe Search** to omit adult search results from Google, Bing, and YouTube
- Blocking specific *search terms or categories of topics* on Bing, Google or YouTube
- Monitoring the text in video titles, topics, and descriptions
- Recording the text in search and video details for reports including the **User Journey Report** and **Red Flags Reports**
- Limiting **Connect** users to signing into only school accounts in Google or Microsoft (no access to personal accounts) *

** Not available for devices using **only** your School Manager physical appliance*

As needed, both **HTTPS Inspection** and **MITM** allow your IT support to exclude groups, like teachers, from having their text intercepted, filtered or included in reports.

You can contact Linewize Support for additional assistance with configuring **HTTPS Inspection** on your **School Manager physical appliance** or **MITM** in **Configuration > Mobile Agent** for devices running **Connect**.
