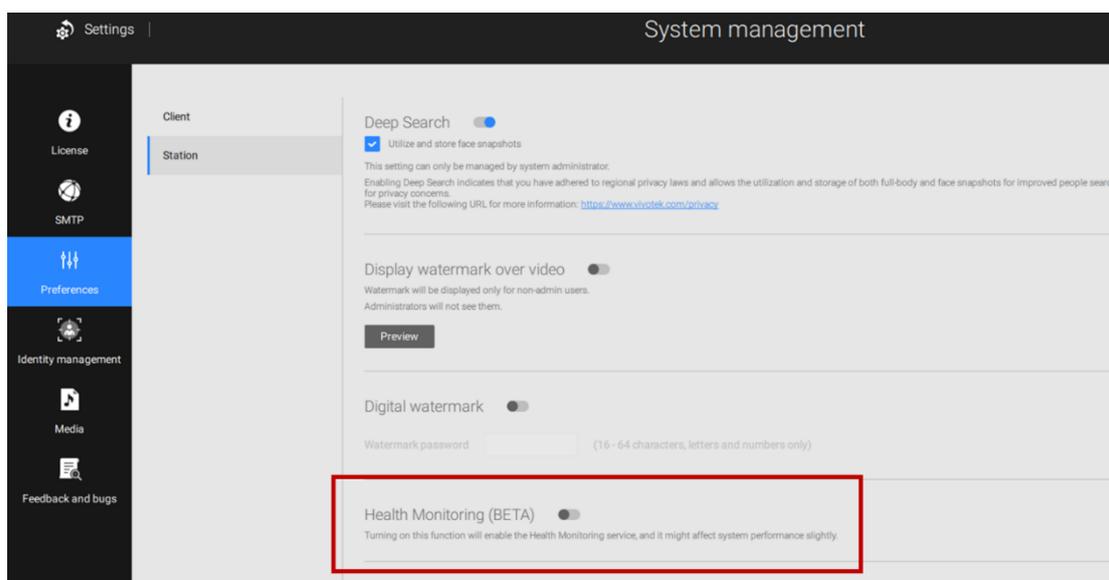# Health Monitoring (BETA)

This feature provides users with an overview of the current health status of IP cameras, connected ND-NVRs, NR-NVRs, and L2 switches within the system. It records and reports instances of high CPU usage, detected hard drive issues, abnormal connection counts, and unusual password error occurrences. Additionally, it offers basic troubleshooting functionalities.

This feature is only available in VSS Pro. here are the setup steps:
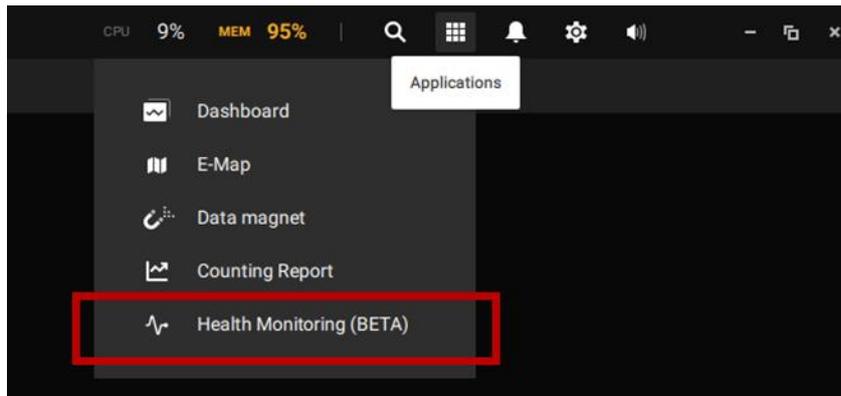
To set up Health Monitoring:

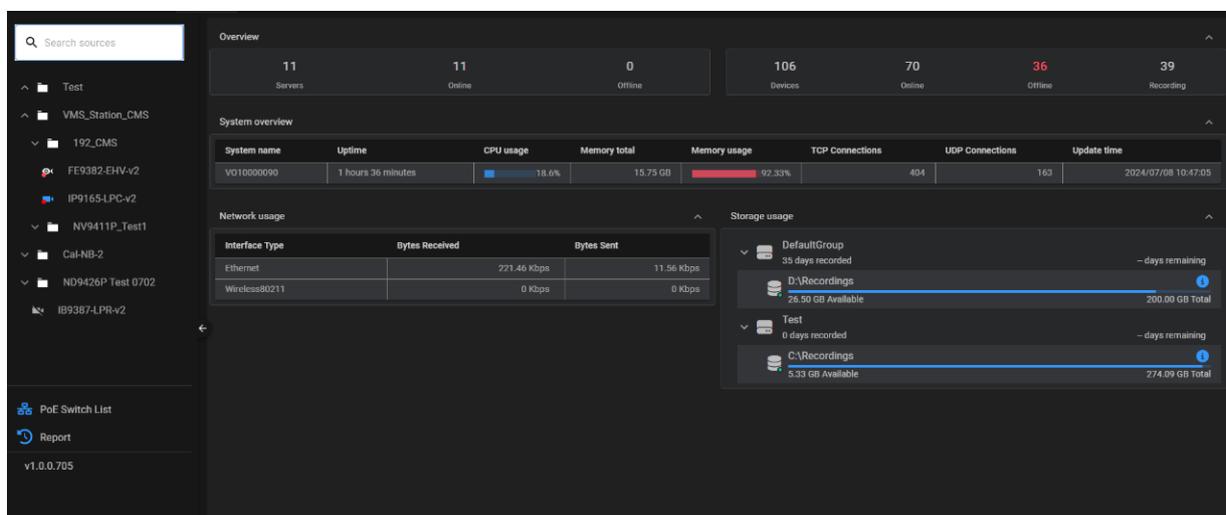Enable Health Monitoring in VSS Preferences.

Health Monitor service uses port 5060.

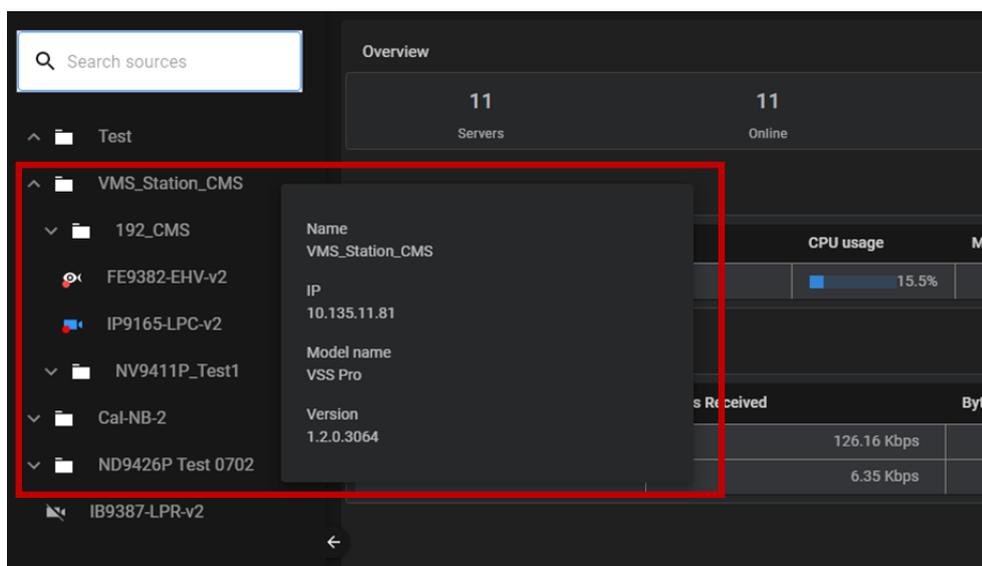For remote access, ensure this port is open in the firewall.

On the main screen, select Applications > Health Monitoring (Beta).

The displayed screen is the main screen of Health Monitoring.

On the left side is the list of devices added to VSS, including their basic information.

On the right side is the status overview.

Clicking on a device or server will display the latest status and historical records of the

monitored equipment.

Depending on the connected device, the items displayed may vary slightly.

When paired with a supported VIVOTEK L2 Switch, if a camera goes OFFLINE, you can use the

Reboot function to power cycle the corresponding PoE Port in an attempt to restart it.

For hard drive detection, clicking on the hard drive icon will display the current SMART

information of the hard drive.

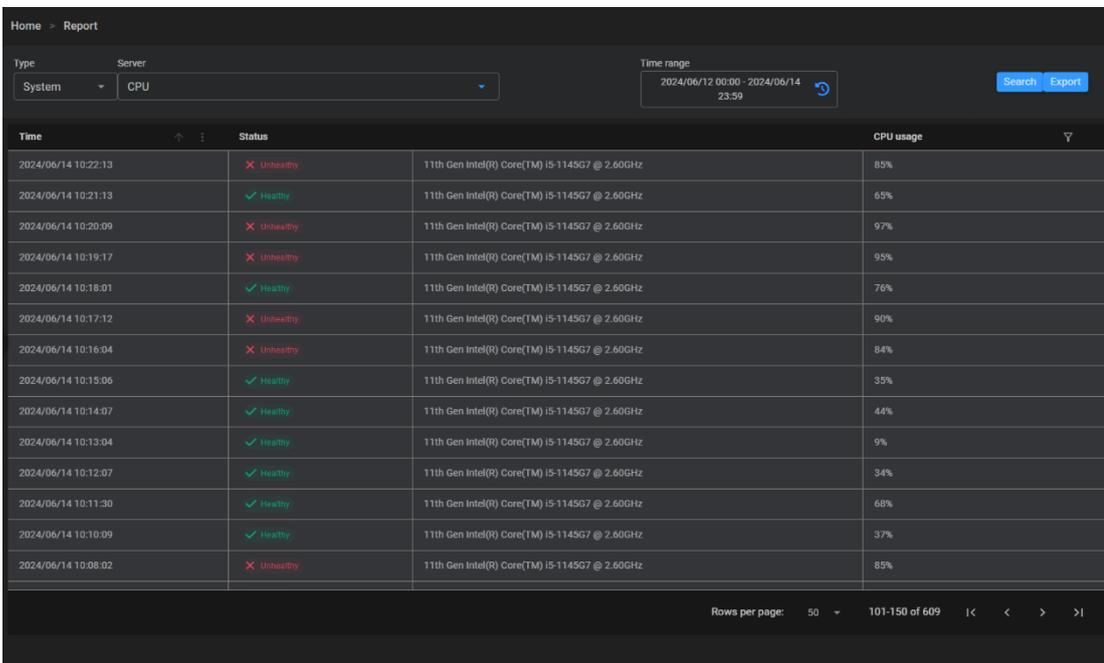When searching historical records in Search, you can filter by device type and time period to

perform the search.

The system will generate corresponding reports based on the search results.

You can export a CSV file here into the VSS folder.
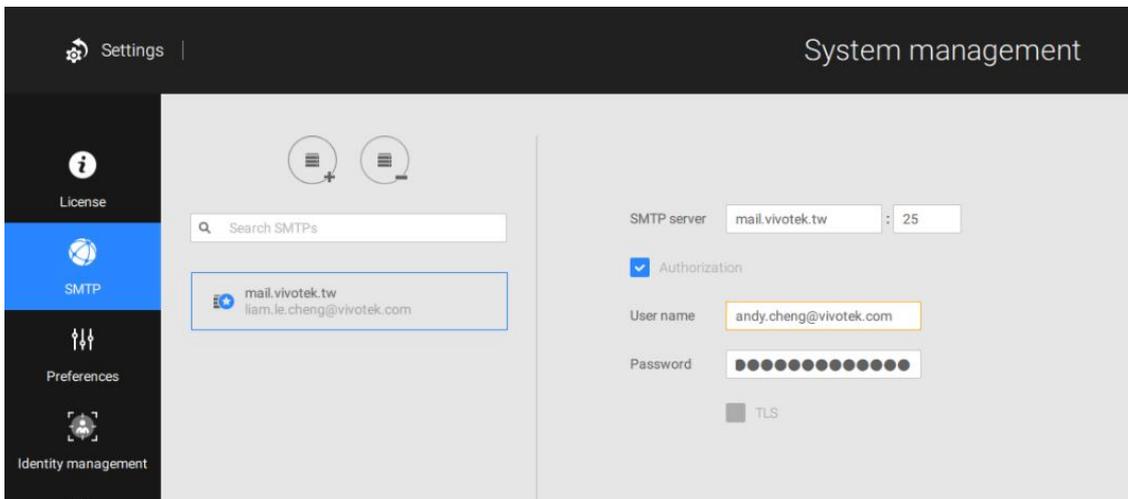

Email Notification for Anomalous Events

Currently, the system supports event notifications for the following statuses:

- High CPU usage detection

- HDD unhealthy status

- Connection session abnormal

- Login failure (NVR)

To enable email notifications for anomalous events, you need to first configure SMTP settings

within VSS.

Afterward, you can configure which events will trigger email notifications within Health Monitor.
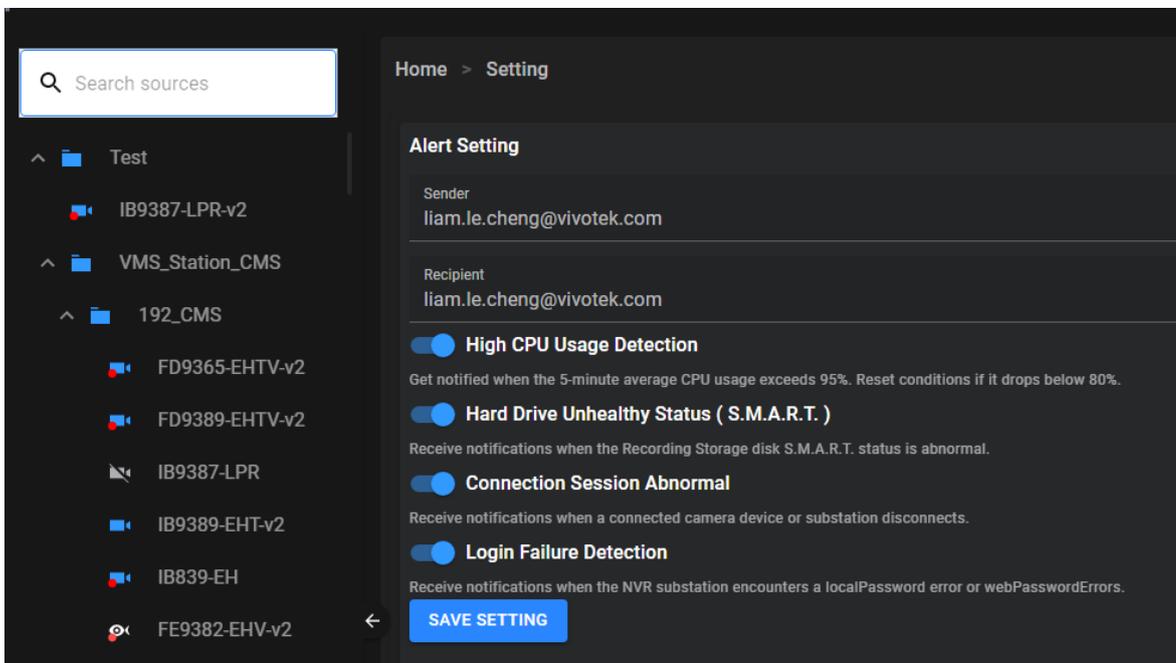
When an event occurs, the user will receive the corresponding notification.