

DESIGNED FOR SCHOOLS

• IMPROVING SCHOOL SAFETY

• A LIFELINE FOR IT ADMINS



RAPTOR
TECHNOLOGIES
THE GOLD STANDARD IN SCHOOL SAFETY



TRANSFORM every . . .

DISPLAY INTO A TOOL FOR

TEACHING, SAFETY
. . . and ENGAGEMENT

Raptor and Vivi: vivi.io/partnerships/raptortech

vivi.io

When an emergency happens, every second, and every screen, counts.

Vivi Device Alerts connects directly to your Raptor system. The moment an alert is triggered, every screen in your school shows exactly what is happening, and you know exactly who has seen it.



FREE

FOR RAPTOR CUSTOMERS

Get Vivi Device Alerts,
valued at \$999, included
at no cost with Raptor.



Every screen, instantly

The moment you trigger an alert in Raptor, every display and staff device in your school shows a full-screen alert. No delays. No gaps.



Know who has seen it

Staff acknowledge with a single tap. You see in real time who has received and confirmed the alert. You are never left guessing.



Simple to activate

Raptor and Vivi account managers handle set-up. Most schools are live the same day, at no extra cost.

How it works:

1.

TRIGGER

Trigger an alert via Raptor Console or Raptor Aware – exactly as you do today. Raptor calls the Vivi API.

2.

ACTIVATE SCREENS

Vivi activates every connected screen across campus showing a clear, full-screen alert customized according to location or emergency type.

Staff devices receive an alert too. Giving staff more guidance on the alert and how to respond. Staff tap to acknowledge the alert.

3.

END ALERT

When the emergency is over, one action in Raptor returns every screen to normal.

Activate at vivi.io/device-alerts-raptor



Trigger alerts to every screen in seconds



Vivi's Emergency API allows Raptor to trigger and cancel campus-wide visual alerts on every Vivi-connected display.

No one misses the message. Alerts to classrooms, hallways, offices, and shared spaces.

All directly from Raptor's emergency management platform.

“

“Visual reinforcement is invaluable during drills and real emergency events, when stress levels are high.”

Amanda Lanicek | Chief
Technology Officer
Springtown ISD

How it works:

1

EMERGENCY TRIGGERED IN RAPTOR

A staff member activates an alert via the Raptor console or Raptor Aware. This initiates the response immediately.

2.

RAPTOR CALLS THE VIVI API

Raptor sends a single HTTPS POST to the Vivi Emergency API specifying the emergency type and, optionally, the campus location to target. No manual steps. No delay.

3.

VIVI ACTIVATES VISUAL SCREEN ALERTS

Every Vivi-connected screen in the targeted location, such as classrooms, hallways, offices, shared spaces, shows the alert instantly, automatically waking any screen that's off and switching its input so nothing is missed. Target one campus or the entire district. Alerts cascade automatically to all sub-locations.

For districts subscribed to Vivi Device Alerts, staff will receive an alert to their own device via the Vivi App on staff laptops and tablets. Staff acknowledge with a single tap, and admins see real-time confirmation of who has responded.

4.

ALL CLEAR ISSUED

When the emergency is resolved, Raptor sends a cancel call. All screens return to normal, automatically, instantly, campus-wide.



Signing up Raptor Customers

1

Step 1: Customer completes Device Alerts Form

<https://www.vivi.io/device-alerts-raptor/>

2

Step 2: Vivi onboarding

Vivi walks customers through SSO setup, locations setup, and emergency types before the API key and CSV are handed off to Raptor support.

SSO & Locations

Vivi confirms SSO is configured and tested (with admin access verified), then builds the campus/building location hierarchy in Vivi Central.

Emergency types & API

Emergency types are reviewed for any custom scenarios, then API integration is enabled. A key is generated and the API parameters CSV is exported. The Key and CSV are sent to Raptor support.



Device Alerts Enablement

After the Raptor integration is live, the Vivi App (v3.12+) needs to be deployed to staff devices via MDM or self-service.

Users log in once and the app runs in the background. Device Alerts are delivered automatically when an emergency is triggered, with no further action needed from staff.

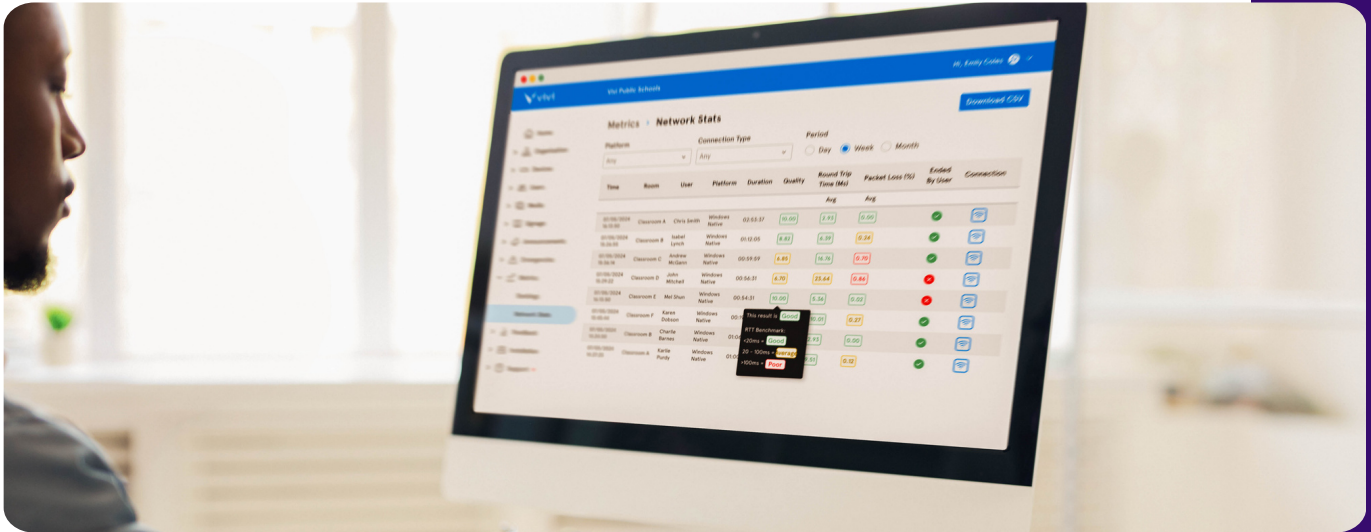


Prerequisites

Before configuring:

- confirm your Vivi plan includes Emergency Management,
- you have an org-level Vivi Central admin,
- if adding Vivi Display, the Vivi Boxes are already connected to rooms.

Raptor must also support outbound HTTPS POST requests to receive triggers.



Set up in Vivi Central

1

Enable API Integration

Go to Organization → Features and toggle on Enable API Integration. This must be active before an API key can be created.

Vivi Central → Organization → Features → Enable API Integration

2

Generate API Key

Go to Organization → Integration, switch to Edit mode, and click Create. Copy the key and store it securely as it is sent as the key parameter in every API call.

Vivi Central → Organization → Integration → Create

3

Export API Parameters

From Organization → Integration, click Export API Parameters. This generates a CSV containing all Location IDs and Emergency Type IDs for the organization. This is exactly what Raptor needs to map zones and emergency types on their side. Customers do not need to manually note or transcribe individual IDs.

Vivi Central → Organization → Integration → Export API Parameters

4

Send to Raptor support

The customer sends two things to Raptor support: their API Key and the exported API Parameters CSV (from Step 2). The Raptor support team uses these to configure the integration on the Raptor side. No further action is needed from the customer at this point.

The Raptor support team handles all remaining configuration once they receive the API key and parameters CSV.

5

IP Whitelist - Recommended

Optionally restrict API access to Raptor's server IP address(es). Under Organization → Integration, add Raptor's public IPv4 address or range to the IP Whitelist field, separated by commas. Only requests from whitelisted IPs will be accepted.

Vivi Central → Organization → Integration → IP Whitelist

The Vivi Emergency API

All requests use HTTPS POST with a JSON body. GET requests are also supported for systems that cannot send a body. Base URL:

<https://api.vivi.io/api/public/v1/emergencies/>

Parameters	Required	Description
key	Required	Your organisation's API key, generated in Vivi Central.
type	Required	Emergency type name as shown in Vivi Central (e.g. "Lockdown"). Pass "all" in cancel calls to clear every active emergency.
location	Optional	Top-level location name from Vivi Central. Omit to trigger a district-wide emergency across all locations.

POST – Trigger an Emergency

<https://api.vivi.io/api/public/v1/emergencies/trigger>

```
{
  "key": "your-api-key",
  "type": "Lockdown", // Emergency type name from Vivi Central
  "location": "Westfield Campus" // Optional – omit for district-wide
}
```

POST – Cancel an Emergency

<https://api.vivi.io/api/public/v1/emergencies/cancel>

```
{
  "key": "your-api-key",
  "type": "Lockdown", // Or "all" to cancel every active emergency
  "location": "Westfield Campus" // Optional
}
```

POST – Check Active Emergencies

<https://api.vivi.io/api/public/v1/emergencies/status>

```
{
  "key": "your-api-key",
  "location": "Westfield Campus" // Required for status check
}
```

Managing locations, in Vivi Central.

Vivi Central uses a hierarchical location model. Typically **Organization** → **Campus** → **Building** → **Room**. When Raptor triggers an emergency via the API, it targets a top-level location, the tier immediately below the organization. The alert propagates automatically to all Vivi-connected screens within that location and all of its sub-locations.



Location targeting

- Target a specific campus or building by name.
- Alerts cascade to all sub-locations automatically.
- Multiple locations can be triggered independently.
- Omit location to alert the entire district at once.



Important notes

- Only top-level locations are supported as API targets.
- Sub-location (room-level) API targeting is not currently supported.
- Location IDs are the display names — no separate UUID lookup required.



Tip

Export all Location IDs and Emergency Type IDs in one step from Organization → Integration → Export API Parameters. Share this CSV with the Raptor configuration team to map Raptor zones to Vivi locations before go-live.



Deploying the app to staff devices

Device Alerts using push notifications are sent directly to staff devices when an emergency is triggered. This is delivered through the Vivi App. The app is available on Windows, macOS, iOS, Android, and ChromeOS and can be deployed silently at scale via MDM. Device Alerts are enabled and managed per-device from Vivi Central, no individual staff accounts are required.



MDM Deployment

Push silently via Jamf, Intune, Mosyle, or any MDM platform. No user interaction needed.



Self-service install

Staff download from vivi.io/downloads and sign in with their school credentials.



Activate from Central

Enable Device Alerts for all devices from Vivi Central, no per-user configuration required.



Device Alerts Self-Onboarding Guide

Customers can set up Device Alerts independently with this online course:

Self-onboarding course:

<https://learning.vivi.io/training>

Cross-device and cross-operating system compatible



Try it for yourself at vivi.io/training



vivi.io/partnerships/raptortech/