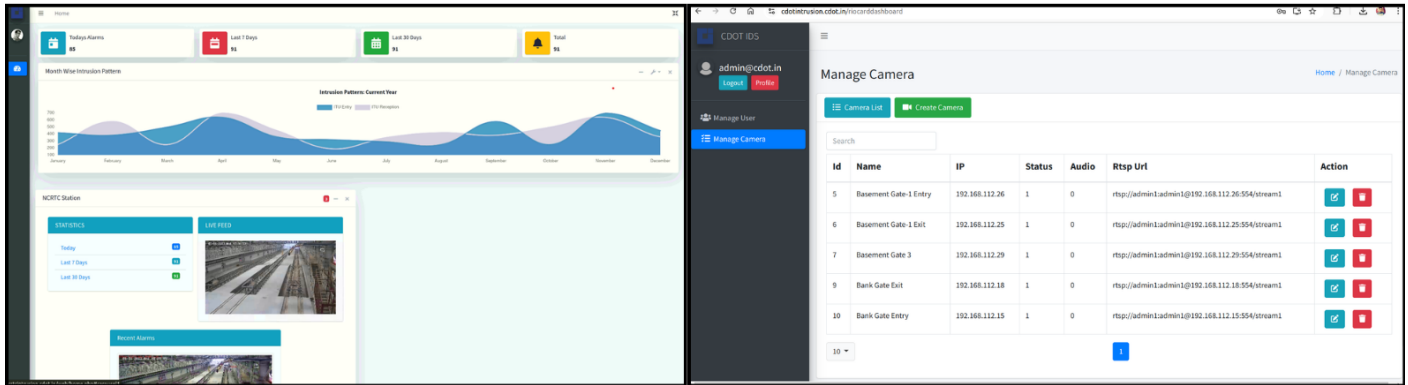


CDOT Intrusion Detection System(CIDS)

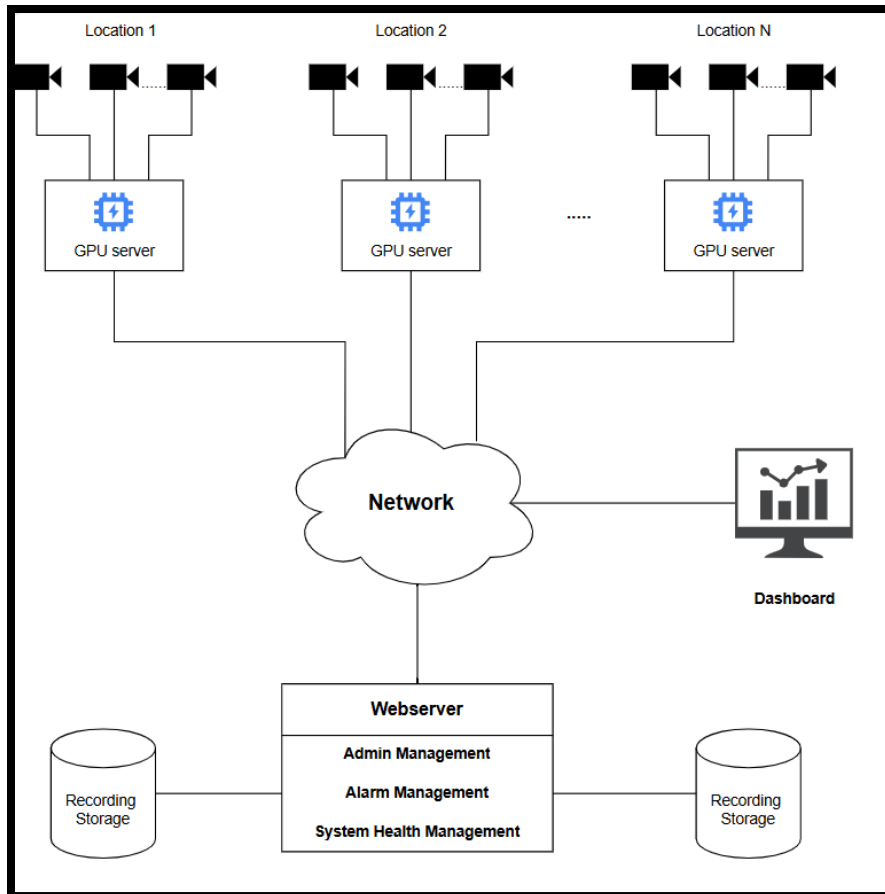
Product Overview:

The Cdot Intrusion Detection System (CIDS) is an advanced security solution designed to protect strategic areas such as railway premises, military zones, and other restricted areas. Utilizing a sophisticated computer vision algorithm, CIDS is optimized to detect intrusions of even the smallest and camouflaged objects, ensuring comprehensive surveillance and security.



Key Features

- **Advanced Computer Vision Algorithm:** Detect even the smallest and most camouflaged intruders, providing unmatched accuracy and reliability.
- **Real-time Monitoring:** The system offers real-time monitoring of multiple sites, allowing security personnel to keep an eye on large areas simultaneously.
- **Customizable ROIs:** Users can define multiple Regions of Interest (ROIs) for each site, tailoring the system to specific surveillance needs
- **Intrusion Alerts:** In the event of an intrusion, CIDS instantly generates an alert, flashing a small video clip of the intrusion on the dashboard along with an audible alarm
- **Scalable Dashboard:** The user-friendly dashboard allows for easy management of multiple cameras and sites, with the flexibility to expand as security needs grow.



High Level Architecture

Applications

- **Railway Security:** Ensure the safety of railway infrastructure by detecting unauthorized access to tracks, stations, and depots.
- **Military and Strategic Zones:** Protect sensitive areas from intrusions, enhancing national security.
- **Industrial Sites:** Monitor large industrial complexes for unauthorized access, reducing the risk of theft, sabotage, or other security breaches.

