

VIGIL.AI

Bringing AI Intelligence To Existing CCTV Infrastructure For Safer
Campuses And Better Student Insights.

Monitor With Us



1M+

AI Events
Processed

93%

Fewer False
Alarms

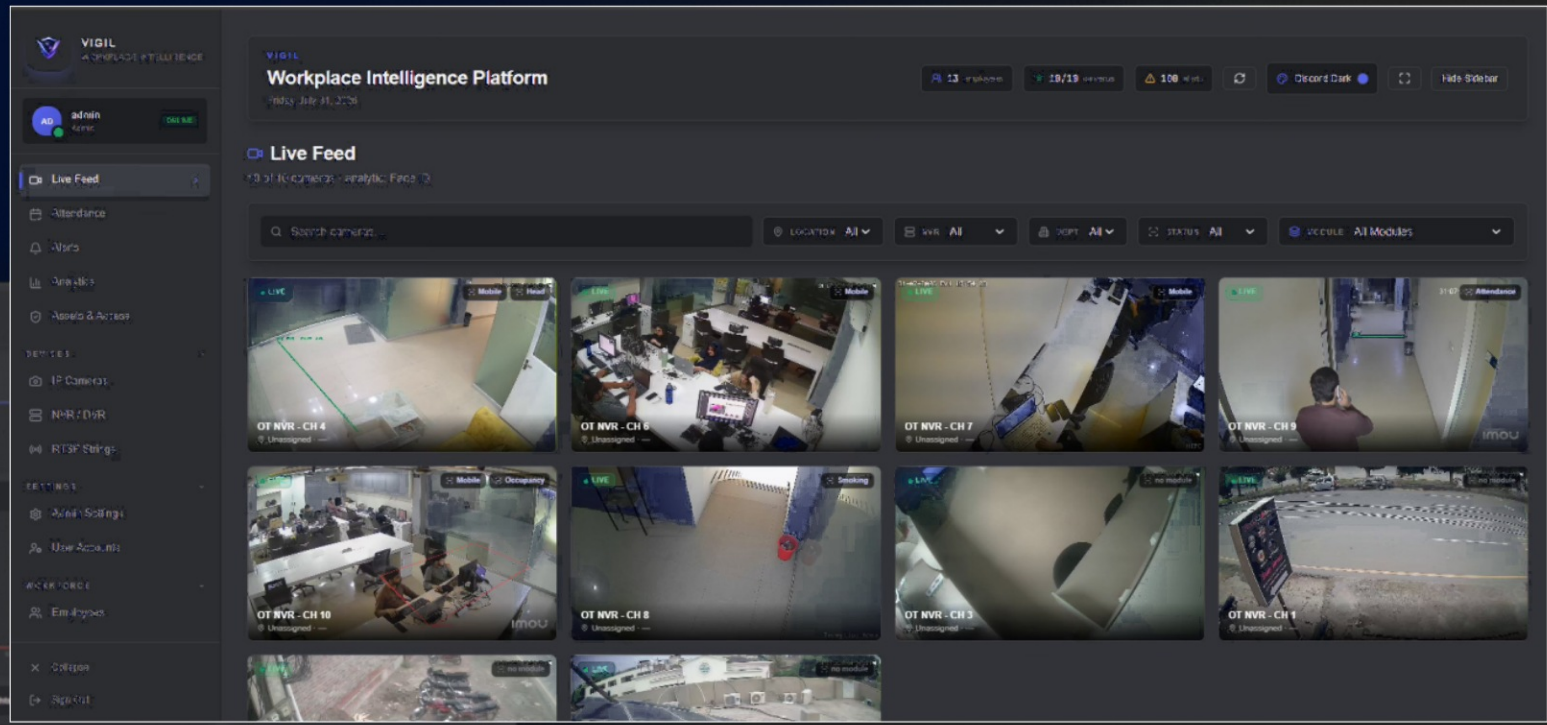
30%

Faster Emergency
Response

MAKING EVERY CAMERA
SMARTER

About Vigil

VIGIL.AI Is An AI-Powered Computer Vision Platform That Analyzes Live And Recorded CCTV Streams Using Deep Learning And Video Analytics Models. It Detects Safety Incidents, Compliance Violations, Unauthorized Access, And Operational Anomalies In Real Time While Integrating With Existing Surveillance Infrastructure.



VIGIL.AI

For Every Educational Sector

IT Institutes · Training Academies · Schools · Universities · Colleges · Vocational Institutes · Coaching Centers · Online Learning Centers · Technical Colleges · Professional Training Institutes · Language Institutes · STEM Academies · Tuition Centers · Exam Preparation Centers · Skill Development Centers · Research Institutes · Medical Colleges · Engineering Universities · Business Schools · Distance Learning Institutes

EDTECH Vision AI Modules

Intelligent Detection • Operational Analytics • Predictive Monitoring
55+ Parameters



Student Engagement Monitoring

Track Attention, Participation, Attendance, And Engagement Patterns During Virtual Or Physical Classes.

AI Exam Proctoring

Detect Suspicious Behavior, Unauthorized Devices, Multiple Faces, And Unusual Activity During Exams.





Classroom Safety

Monitor Classrooms And Campuses For Unusual Incidents, Unauthorized Access, Or Safety Risks.

Cheating & Academic Integrity

Identify Suspicious Exam Patterns, Answer-Sharing Behavior, And Other Indicators Of Academic Misconduct.





Dropout Risk Detection

Analyze Attendance, Engagement, Grades, And Learning Activity To Identify Students At Risk Of Dropping Out.

Teacher Performance Insights

Analyze Classroom Activity, Student Participation, Lesson Delivery Patterns, And Engagement To Support Teacher Improvement.





Campus Security

Use AI-Enabled Cameras And Sensors To Detect Unauthorized Entry, Crowding, Restricted-Area Access, And Potential Security Incidents.

Student Behavior Analytics

Identify Unusual Behavioral Patterns And Provide Early Alerts To Administrators Or Authorized Staff.



HOW VIGIL WORKS!

Intelligent Detection • Operational Analytics • Predictive Monitoring



Pakistani University Campus Locations



Classroom



Examination Hall



Reception/Main Entrance



Hallway/Corridor



Campus Gate



Security Office

CCTV Cameras

CAM-01

CAM-05

CAM-12

CAM-01 CAM-17

CAM-17

CAM-01 CAM-01

Ethernet/Coaxial Cables

PoE Switch

PoE Network Switches

PoE Network Switches

Infrastructure Layer

DVR/NVR Rack



Storage (HDD Arrays)

University Local Network (LAN)

AI Processing Layer

Vigil Ed AI Engine (on-premise or in local cloud)

Live Stream Processing

Student using phone during exam (CAM-05)

Behavior Analysis

Two students fighting in hallway (CAM-12)

Object Detection

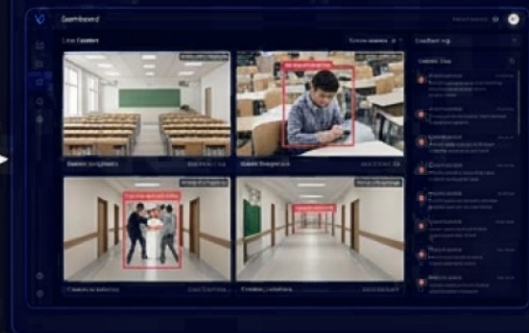
Unauthorized person entering through restricted gate (CAM-17)

Scene Understanding

Empty classroom (CAM-01)

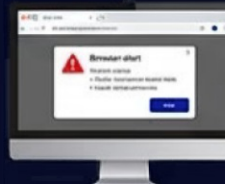
Event Detection

Vigil Ed Monitoring Dashboard



Alert Engine

Real-time notification



Security Officer's Desktop Computer



Security Officer's Smartphone Notification Layer



PHALANX SYSTEMS
PHALANXSYSTEMSLTD.COM

Deployment & Infrastructure

Deploy In Days—Not Months. No
Camera Replacement. No Operational
Disruption.

On-Premise Deployment:

Complete Data Control Within Your Organization's Infrastructure.

Cloud-Based Deployment:

Secure, Scalable, And Remotely Accessible AI Analytics.

Zero Infrastructure Changes:

Leverages Your Existing CCTV Ecosystem Without Major Modifications.

Compatible With Existing 2MP+ IP Cameras:

Works With Most Standard ONVIF-Compatible IP Camera Systems.

Higher Resolution, Greater Accuracy :

4MP, 5MP, 8MP, And Higher-Resolution Cameras Deliver Enhanced Detection Precision And AI Performance.

Founding Team Worked With



POWER A NEW WORLD



PHALANX SYSTEMS
CODE. CREATE. CONQUER.

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