• FLAGSHIP ENTERPRISE PHYSICAL SECURITY INFORMATION MANAGEMENT (PSIM)

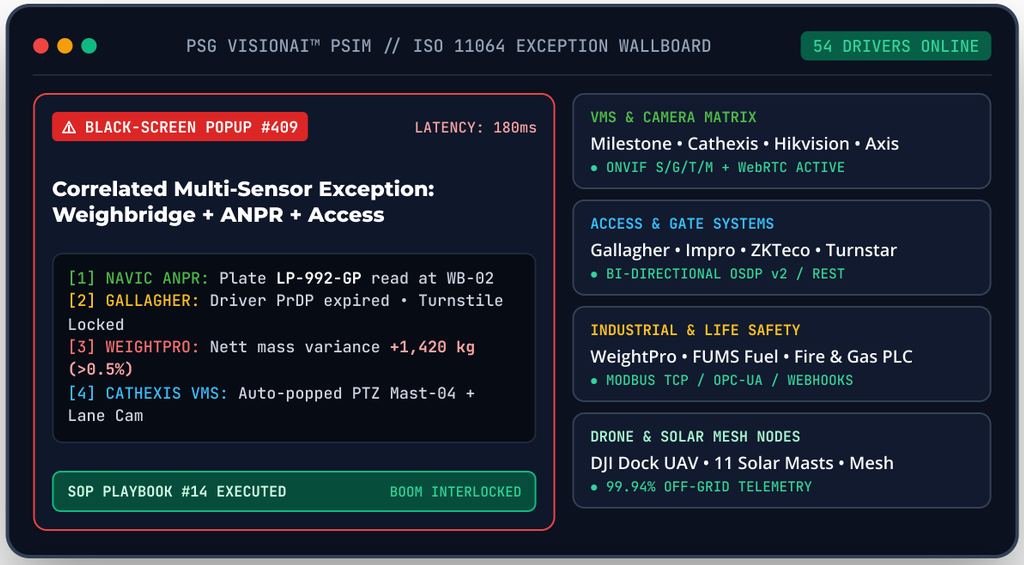
Unified Multi-Vendor PSIM & AI Command Hub

ISO 11064 "Black-Screen" Exception Monitoring Across Every Subsystem

Engineered by **PSG Africa** for mines, refineries, ports, industrial estates, and multi-site national operations. **PSG VisionAI™ PSIM** breaks vendor lock-in by unifying CCTV/VMS (Milestone, Cathexis, Hikvision, Axis, Avigilon), access control (Gallagher, Impro, ZKTeco, Turnstar), Navic ANPR, fire & gas panels, WeightPro weighbridges, FUMS fuel telemetry, and DJI Dock drones into one automated SOP operator cockpit.

PSG VISIONAI™ PSIM

MULTI-VENDOR PSIM • ISO 11064 BLACK-SCREEN • EDGE AI FUSION • AUTOMATED SOP PLAYBOOKS





ONE VENDOR-AGNOSTIC PLATFORM ACROSS EVERY OPERATIONAL DOMAIN

- ISO 11064 Black-Screen Hub
- 50+ Multi-Vendor Drivers
- VisionAI & Thermal Fusion
- Automated SOP Interlocks
- Multi-Site 4-Portal Cloud

< 500ms	90% Less	50+ Native	ISO 11064
Sensor-to-Wallboard Latency	Operator Visual Fatigue	VMS, Access & PLC Drivers	Control Room Ergonomics

EXECUTIVE OVERVIEW & VENDOR-AGNOSTIC ARCHITECTURE

From Fragmented Silos to an ISO 11064 "Black-Screen" Command Hub

Unifying legacy cameras, access controllers, weighbridges, fuel bowsers, and fire panels without ripping and replacing existing hardware.



Why Legacy Control Rooms Fail — And How PSG VisionAI™ PSIM Solves It

Studies prove that control room operators staring at 50 to 200 static CCTV tiles miss over **95% of security breaches after just 22 minutes** due to visual fatigue. Worse, when an incident occurs, operators must swivel between 6 different vendor screens—VMS, Access Control, Weighbridge, Fuel, Electric Fence, and Fire—wasting critical minutes.

PSG VisionAI™ PSIM replaces static video walls with **ISO 11064 "Black-Screen" Exception Monitoring.** The platform correlates telemetry across every vendor in milliseconds—waking the wallboard only when a verified anomaly occurs, auto-slewing PTZ cameras, locking booms, and guiding the operator through a mandatory digital SOP checklist.

PSG VISIONAI™ PSIM — 5-LAYER ENTERPRISE CONVERGENCE ARCHITECTURE

ISO 11064 ERGONOMICS • ONVIF S/G/T/M • OSDP v2 • MODBUS / OPC-UA • WEBRTC

LAYER 1: ISO 11064 OPERATOR COCKPIT, "BLACK-SCREEN" WALLBOARDS & 4-PORTAL FEDERATION

MULTI-SITE GROUP CONSOLIDATION • ROLE-BASED PORTALS

- **1A. Main Command Portal (/)** — Unified GIS Map, Active Exceptions & KPIs.
- **1B. Monitoring Wall (/monitoring)** — 35+ Mast/NVR Matrix, Black-Screen Popups.
- **1C. Auditing Portal (/audit)** — Immutable Lineage, Bookmarked Clips & SLA.
- **1D. Admin & AI Hub (/admin)** — Tenants, Rules, Scheduled Emails & AI Prompts.

LAYER 2: SOP & CORRELATION ENGINE — Cross-Vendor Boolean Rules • Mandatory Step-by-Step Operator SOP Checklists • Automated Boom/Turnstile Interlocks • P1 CAD Escalation — CLOSED-LOOP AUTOMATION

LAYER 3: PSG VISIONAI™ NEURAL VIDEO ANALYTICS & SENSOR FUSION BUS

FALSE-ALARM ELIMINATION VIA MULTI-SENSOR CORRELATION

- **3A. Intrusion & Loitering AI** — Virtual tripwires, fence climb & after-hours zone armed alerts.
- **3B. Deep-Learning ANPR / OCR** — 98%+ day/night plate reads, SAPS/Navic watchlist & tailgating.
- **3C. PPE, Safety & Thermography** — Hard-hat/hi-vis detection & FLIR stockpile/substation heat delta.
- **3D. AI Bots & Voice Agents** — Automated IP horn deterrence, custom AI prompt reports & digests.

LAYER 4: OPEN PROTOCOL MIDDLEWARE

ONVIF Profile S/G/T/M • RTSP/H.265 → MediaMTX WebRTC/HLS • OSDP v2 / Wiegand • Modbus TCP / BACnet / OPC-UA • REST / HMAC-SHA256

LAYER 5: CONNECTED MULTI-VENDOR SUBSYSTEMS & EDGE INFRASTRUCTURE

50+ CERTIFIED NATIVE INTEGRATIONS

- **CCTV, VMS & LPR:** Milestone, Cathexis, Hikvision, Dahua, Axis, Avigilon, Hanwha, FLIR, Navic, Syntell, DJI Dock.
- **Access, Gate & Life Safety:** Gallagher, Impro, ZKTeco, Turnstar, PSG VisitMe, Online Intelligence, Fire/Gas SCADA.
- **Operations & Off-Grid Edge:** WeightPro WIM, FUMS/FAS Fuel, Encrypted QR Seals, SAP/Sage ERP, Solar & Microwave Mesh.

ISO 11064 "Black-Screen" Hub, Multi-Vendor Matrix & SOPs

Eliminating operator fatigue while unifying every camera, turnstile, boom gate, and alarm panel into one guided workflow.

01

ISO 11064 ERGONOMICS

Centralised "Black-Screen" Exception Monitoring

Designed around **ISO 11064** control room human-factors engineering, **PSG VisionAI™ PSIM** replaces overwhelming walls of static video with calm, exception-driven situational awareness:

- **Event-Driven Video Popups:** Operator screens remain clutter-free until an AI rule, perimeter sensor, access denial, or weighbridge exception fires—instantly popping the exact live camera, pre-event replay buffer, and GIS map location.
- **90% Reduction in Visual Fatigue:** Operators focus 100% of their cognitive attention on verified threats rather than scanning dozens of empty haul roads.
- **Severity-Stacked Triage Queue:** Colour-coded `Routine`, `Warning`, and `Critical (P1)` queues ensure life-safety and high-value asset alerts always pre-empt low-priority events.

02

50+ NATIVE DRIVERS

Vendor-Agnostic VMS, CCTV & Access Unification

Most industrial sites have accumulated a mix of camera brands, NVRs, and access systems over years. **PSG VisionAI™ PSIM** unifies them all without forcing costly hardware replacement:

- **Enterprise VMS & IP Cameras:** Native integration with **Milestone XProtect**, **CathexisVision**, **Hikvision Central**, **Dahua DSS**, **Avigilon**, **Axis**, **Hanwha**, and any **ONVIF Profile S/G/T/M** stream.
- **Access Control & Turnstiles:** Bi-directional sync with **Gallagher Command Centre**, **Impro Portal**, **ZKTeco**, **Turnstar**, and **PSG VisitMe**.
- **Case & Intelligence Ecosystems:** Seamless data exchange with **Online Intelligence (OI)**, **Navic**, and **SAPS** watchlists.

03

DETERMINISTIC SOP ENGINE

Automated SOP Playbooks & Hardware Interlocks

During a high-stress alarm at 02:00 AM, operators cannot rely on paper binders. **PSG VisionAI™ PSIM** executes instant machine-to-machine interlocks and enforces digital Standard Operating Procedures:

- **Zero-Touch Hardware Interlocks:** Automatically drops boom gates, locks turnstiles, slews adjacent PTZ cameras to preset coordinates, and triggers automated IP horn-speaker audio warnings.
- **Mandatory Step-by-Step Checklists:** Operators cannot close or clear a critical alert without completing required verification steps and selecting a root-cause disposition code.
- **Automated SLA Escalation:** If an operator fails to acknowledge a P1 alarm within 60 seconds, the PSIM auto-escalates to the Shift Supervisor and bridges directly into **PSG SentinelCommand™** CAD dispatch.

CONTROL ROOM PARADIGM SHIFT — ISO 11064 COMPLIANT

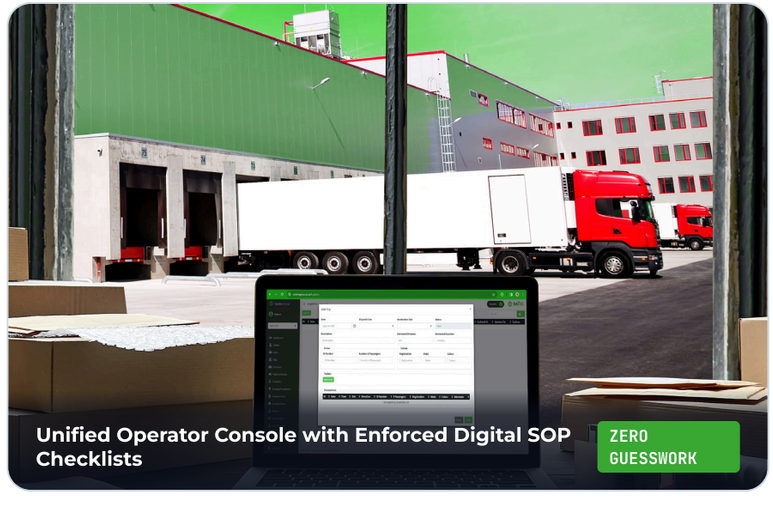
Legacy CCTV Wall (Reactive)
100+ static tiles • 95% of anomalies missed after 22 mins • 6 separate vendor PCs • Post-mortem investigation only.

PSG VisionAI™ "Black-Screen" PSIM (Proactive)
Calm dark HUD • Instant correlated popup (<500ms) • Auto PTZ slew + boom lock • Enforced step-by-step operator SOP.

PLUG-AND-PLAY DRIVER BUS — BI-DIRECTIONAL SDK / API

Certified Multi-Vendor Integration Matrix

✓ Gallagher & Impro	✓ Turnstar & ZKTeco
✓ Milestone & Cathexis	✓ Hikvision, Axis & FLIR
✓ Navic & Online Intel	✓ WeightPro & SAP/Sage



Unified Operator Console with Enforced Digital SOP Checklists — ZERO GUESSWORK

PSG VisionAI™ Analytics, Sensor Fusion & 35+ Camera Wall

Turning passive site cameras, thermal arrays, ground radar, and autonomous DJI drone docks into proactive 24/7 digital sentries.

04

DEEP-LEARNING VISIONAI

PSG VisionAI™ — Neural Video & Safety Analytics

Layered directly over your existing RTSP/ONVIF camera streams, the **PSG VisionAI™** engine transforms standard Dome, View-field, PTZ, and Weighbridge cameras into intelligent sensors:

- **Perimeter Intrusion & Loitering:** Human/vehicle classification across virtual tripwires and sterile zones—ignoring wind-blown vegetation, rain, and wildlife.
- **OSHAct / MHSA PPE Compliance:** Real-time detection of missing hard hats, high-visibility vests, or harnesses in plant and workshop zones.
- **Vehicle Tailgating & Camera Tamper:** Flags unauthorized double-entries through boom gates and alerts immediately on lens spray, defocus, or blinding.

05

THERMAL + RADAR + FENCE

Edge AI Sensor Fusion & Thermodynamic Surveillance

Single-technology perimeter alarms suffer from high false-alarm rates in harsh African weather. **PSG VisionAI™ PSIM** fuses optical, thermal, radar, and fence telemetry at the edge:

- **Multi-Sensor Boolean Correlation:** Combines multi-zone electric fence/fibre PIDS triggers with ground radar tracks and thermal human verification before raising a P1 alert.
- **Stockpile & Substation Thermography:** Continuously logs radiometric FLIR temperatures across coal stockpiles, conveyor bearings, and transformers—alerting before spontaneous combustion or HV arc faults occur.
- **Camera Health & NVR Heartbeat:** Monitors 24/7 recorder encryption, disk retention, and stream uptime across every NVR.

06

DJI DOCK + SOLAR MASTS

Multi-Mast Live Camera Wall & Autonomous DJI Docks

The **PSG Remote Monitoring Wall (`/monitoring`)** groups every camera by mast (`Mast 1–10`, `MHS`, `Weighbridge`) and role (`Dome`, `View-field`, `NPR`, `PTZ`, `Thermal`):

- **1-Click Tile Expansion & Watermarking:** Click any feed to expand with live timestamp overlay, camera IP/role metadata strip, and instant step-through navigation.
- **Autonomous Drone Overwatch (DJI Docks):** Dispatches automated "Drone-in-a-Box" flights to GPS breach coordinates, streaming live aerial thermal video into the PSIM wall via MediaMTX WebRTC.
- **Off-Grid Solar & Microwave Mesh Telemetry:** Displays live battery SoC and radio link quality for every solar tower.



98%+ Deep-Learning ANPR & AI Object Classification

DAY / NIGHT AI

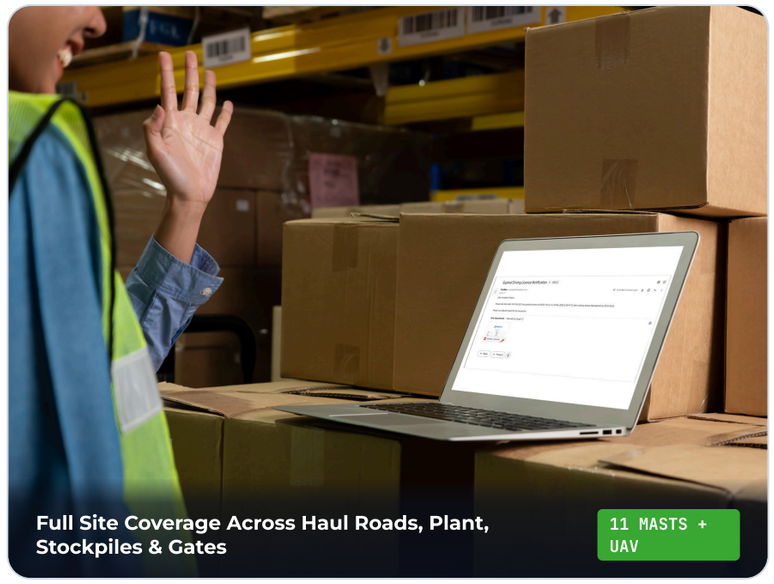
LIVE SECURITY POSTURE & AI DETECTION MIX

AES-256 + TLS 1.3

CAMERAS & MASTS
35 / 35 ONLINE
11 Masts + Weighbridge • 2 NVRs

PERIMETER POSTURE
AFTER-HOURS ARMED
Thermal + Radar Slew Active

ANPR Reads (24h): 1,482 Watchlist Hits: 3 Blocked PPE Alerts: 5 Resolved



Full Site Coverage Across Haul Roads, Plant, Stockpiles & Gates

11 MASTS + UAV

Where Security Meets Operations: Gate, Weighbridge & Fuel PSIM

Unlike generic building PSIMs, PSG VisionAI™ correlates physical security directly with weighbridge net-mass, fuel dispensing, and QR cargo seals.

07

GATE + ANPR + WATCHLIST

Zero-Trust Gate Arrival, VisitMe & Watchlist Interlocks

Syndicate theft and unauthorized site access start at the perimeter gate. **PSG VisionAI™ PSIM** enforces deterministic "Physical Block on Exception" protocols across Phases 1 & 2 of the site lifecycle:

- **LNPR Fleetlist & Schedule Matching:** Cross-checks arriving truck plates against approved Transporter Portal schedules before opening the outer staging boom.
- **Licence, Disc & Induction Lockout:** Integrates **PSG VisitMe** scanner telemetry—blocking entry on expired SA Driver's Licences, PrDPs, Vehicle Discs, Medicals, or Inductions.
- **SAPS, Navic & Syndicate Blacklists:** Instant P1 control room alert and boom lockout when a stolen vehicle or blacklisted driver is scanned.

08

WEIGHTPRO + QR SEALS

Weighbridge (WIM / Static) & QR Seal Exception Wall

Commodity shrinkage often occurs through weighbridge collusion, tare manipulation, or en-route load swapping. **PSG VisionAI™ PSIM** monitors every kilogram and seal event in real time:

- **Automated Weighbridge Interlocks:** Binds traffic lights, axle sensors, overhead cameras, and **WeightPro / WeightAI** software to SAP, Oracle, and Sage ERP orders.
- **Payload Variance & Bypass Alarms:** Immediately flags net-mass discrepancies exceeding `>0.5%` tolerance, unweighed reverse-offs, or scale zero-drift.
- **Encrypted QR Seal Chain of Custody:** Links laser-embossed anti-cloning QR commodity seals to the outbound weighbridge slip and alerts on route deviation or seal tamper at destination.

09

FAS / FUMS + STOCKPILES

Fuel Telemetry (80% Theft Reduction) & Stockpile PSIM

Extends control room visibility directly to your highest-value liquid and bulk commodities:

- **Closed-Loop Fuel Bowser & Silo Monitoring (FAS / FUMS):** Reconciles every dispensed litre from bulk tank to machine RFID tag; sudden tank drops or meter vs. dispense variances trigger an instant P1 camera popup.
- **3D Stockpile Live View & Volumetrics:** Integrates PTZ camera presets, LiDAR/photogrammetry surveys, and Shovel Load Monitoring (`LPM`) into the executive operations wall.

```
AUTOMATED GATE LOCKOUT PROTOCOL                    BOOM LOCKED

X TRIGGER 01: Vehicle Not Scheduled on Transporter Portal
X TRIGGER 02: Expired Driver Licence / PrDP / Vehicle Disc
X TRIGGER 03: Expired Mine Medical / Site Induction / BEE
X TRIGGER 04: Flagged on SAPS / Navic Stolen Vehicle DB
→ PSIM Action: Keep Boom Down + Pop Lane Cam + Alert Supervisor

100% Digital Audit Trail from Pre-Arrival Invite to Gate Entry
```

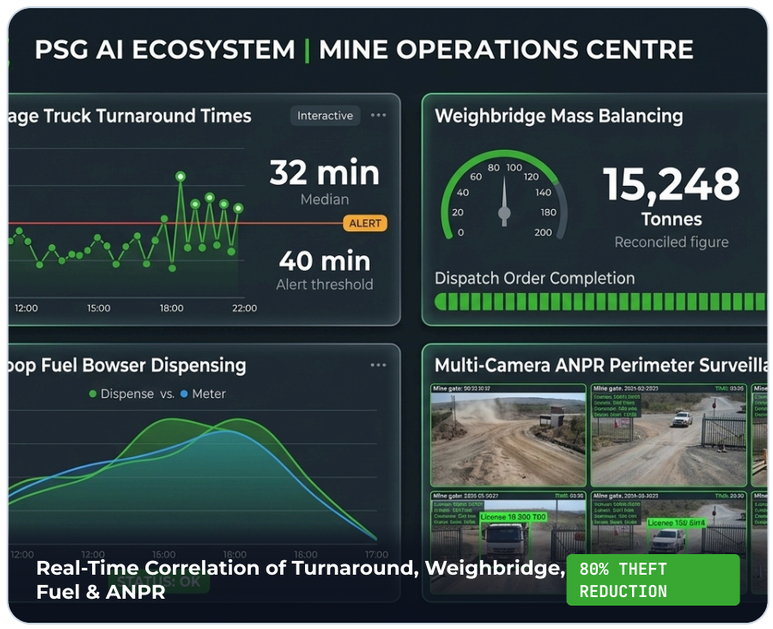
GATE-TO-GATE TIMING

10-STAGE LIFECYCLE

Automated Turnaround & Route Deviation Alerts

Tracks elapsed duration across all 10 operational stages—from Gate Arrival → Inbound Tare → Stockpile Loading → Outbound Gross → QR Sealing → Transit Geofence → ePOD Token Burn:

- Raises an automated PSIM exception if a haulage truck exceeds median turnaround thresholds (e.g., `>40 min`) or stops in an unauthorized corridor zone.



Emergency Evacuation Mustering, Zero-Trust & Forensic Lineage

Protecting human life during site emergencies while maintaining an unalterable evidentiary record of every system and operator action.

10

MHSA / OHSACT MUSTERING

Fire, Gas & Real-Time Emergency Evacuation Roll-Call

When a fire panel, underground gas sensor, or plant evacuation siren triggers, manual paper roll-calls put lives at risk. **PSG VisionAI™ PSIM** automates the entire emergency mustering lifecycle:

- **Automated Turnstile Free-Wheel & Siren Trigger:** Immediately unlocks emergency egress turnstiles/booms along safe evacuation routes while sealing hazardous plant zones.
- **Live Zone-by-Zone Headcount Board:** Combines **Access Control**, **PSG VisitMe**, and **Pedestrian Unit (PU)** telemetry to display every employee, contractor, and visitor currently on site.
- **Mobile Muster Point Scanning:** Safety officers scan personnel at assembly points via rugged handhelds, updating the control room missing-persons list in real time.

11

CYBER-PHYSICAL ZERO TRUST

Instant Credential Revocation, Breathalyzer & Fatigue Lock

Enforces continuous zero-trust identity governance across both physical turnstiles, heavy machinery ignitions, and IT portals:

- **Instant HR / DHA Biometric Revocation:** When an employee or contractor is suspended or terminated in HR, the PSIM revokes facial, fingerprint, palm, and RFID access across all sites in under 1 second.
- **Breathalyzer & Fatigue Management Interlock:** Blocks turnstile entry and biometric **Operator Key Control (OKC)** machine ignition if an operator fails sobriety testing or exceeds shift fatigue limits.
- **CAS Level 8/9 Proximity Integration:** Logs heavy-vehicle collision-awareness near-misses directly onto the safety heat map.

12

SHA-256 AUDIT LINEAGE

Tamper-Evident Audit Trail & Synchronized Evidence

Every sensor trigger, camera PTZ movement, boom override, and operator keystroke is permanently recorded in the **Auditing Portal (`/audit`)**:

- **Synchronized Multi-Camera Incident Playback:** Replay any historical incident with synchronized video streams, access logs, weighbridge tickets, and operator audio on a single timeline.
- **Cryptographic Video & Log Watermarking:** Exports court-admissible incident bundles with AES-256 encryption and SHA-256 integrity hashes compliant with **ECTA Section 15**, **POPIA**, and **PAIA**.
- **Granular Per-User, Per-Module & Per-Site Lineage:** Provides internal auditors and regulators with an unalterable chain of custody.



Real-Time Digital Mustering & Missing-Person Zone Pinpointing

100% HEADCOUNT

BIOMETRIC + DHA SYNC

ZERO BUDDY-CLOCKING

Home Affairs ID & Biometric Identity Assurance

Eliminates identity fraud and ghost workers across high-volume mine and industrial gates:

- Matches live turnstile facial and fingerprint templates against verified **Department of Home Affairs (DHA)** ID photos and payroll rosters.
- Flags duplicate ID attempts or out-of-shift access attempts on the PSIM exception wall.



Court-Ready Evidence Packaging & Immutable Audit Lineage

ECTA + POPIA

4-Portal Federation, AI Prompt Reporting & Turnkey Delivery

Four purpose-built portals on one foundation—backed by custom AI prompt reporting, off-grid resilience, and predictable commercial tiers.

13

4 PURPOSE-BUILT PORTALS

Four Integrated Portals on One Unified Foundation

Separates daily operational command, live camera/sensor monitoring, forensic compliance auditing, and tenant administration into four cohesive portals sharing single sign-on (SSO):

- **Main Portal:** Group-wide multi-site KPIs, HR/Logistics/Security views, and site drill-downs.
- **Monitoring Portal:** Live 35+ camera wall, AI exception feed, and pipeline health telemetry.
- **Auditing Portal:** Tamper-evident compliance trails, lineage, and regulatory evidence.
- **Admin Portal:** Tenants, RBAC roles, connector maintenance, and alert rules.

14

AI AGENTS + AUTO EMAIL

Custom AI Prompt Reporting & Scheduled Distribution

Eliminates manual spreadsheet compilation with autonomous AI monitoring and reporting agents:

- **On-Demand Natural Language AI Prompts:** Define custom prompts to summarize shift exceptions, gate turnarounds, fuel anomalies, or contractor compliance in seconds.
- **Automated Email Scheduling:** Automatically generates and emails tailored PDF/Excel shift and executive digests to stakeholders at any scheduled interval.

15

SOLAR + MICROWAVE MESH

Carrier-Independent Mesh & Off-Grid Solar Survivability

A PSIM is only as reliable as the power and network carrying its feeds. PSG Africa engineers the complete physical backbone for remote African sites:

- **Self-Healing Microwave Radio Mesh:** High-throughput, carrier-independent wireless backbone (IP66/67/69K) that automatically reroutes video and sensor traffic if a node is interrupted.
- **Smart Off-Grid Solar Camera & Sensor Masts:** LiFePO4 battery + MPPT solar towers keep remote perimeter cameras, radars, and weighbridges online through extended grid outages.
- **Hybrid Edge-to-Cloud Sync:** Local site survivability with real-time cloud replication to HQ.

16

30 MIN / 4 HR SLA

We Build It. We Run It. We Evolve It. (~88% Lower 3-Yr TCO)

Consume guaranteed operational outcomes without internal headcount or key-person risk:

- **Turnkey Build:** End-to-end engineering, connector integration, video wall installation, and commissioning in weeks, not quarters.
- **24x7 Managed Run & Evolve:** SLA-backed monitoring (`30 min response / 4 hr resolve`), connector upkeep, and continuous AI roadmap upgrades.

COMMERCIAL FLEXIBILITY

SCALABLE TIERS

Flexible Turnkey Commercial Models

Deploy **PSG VisionAI™ PSIM** as a single-module pilot or a multi-site enterprise command centre:

OPTION A: MANAGED PLATFORM & ZERO-CAPEX RENTAL

• **Starter, Growth & Enterprise Tiers** over a predictable 36-month term.
• Includes cloud/edge PSIM hosting, multi-vendor connector maintenance, automated backups, and 24/7 SLA support.
• Optional turnkey rental of ISO 11064 4K Command Wallboards, Operator Consoles, Solar Towers & Microwave Mesh.

OPTION B: OUTRIGHT CAPEX PURCHASE & RISK-SHARED PILOT

• Outright purchase of control room hardware, edge AI nodes, and enterprise software licences.
• Available **Time-Boxed Pilot Program** to prove live camera wall and exception value in one quarter before full rollout.

Dedicated Customer-Branded Portal Ready
Custom subdomain, corporate identity, SSO & role-based workspaces

COMPLETE TURNKEY PSIM ECOSYSTEM SUMMARY

Every Camera, Sensor & Gate, Unified in One Command View

With **PSG VisionAI™ PSIM**, your control room stops drowning in disconnected vendor screens and false alarms. PSG Africa unifies your existing hardware with deep-learning AI analytics, deterministic SOP interlocks, and off-grid resilience.

1. ISO 11064 "Black-Screen" Hub
Event-driven camera popups (<500ms), severity-stacked triage queues & 90% reduction in operator visual fatigue.

2. 50+ Multi-Vendor Drivers
Native Milestone, Cathexis, Hikvision, Axis, Gallagher, Impro, ZKTeco, Turnstar, Navic & Online Intelligence sync.

3. Automated SOP Playbooks
Mandatory step-by-step operator checklists, auto boom/turnstile interlocks, PTZ slew & SentinelCommand™ CAD bridge.

4. VisionAI, Thermal & DJI Drones
Deep-learning intrusion, PPE, 98%+ ANPR, stockpile thermography, radar/fence fusion & autonomous DJI Dock overwatch.

5. Weighbridge, Fuel & Mustering
WeightPro net-mass variances, FUMS fuel theft alerts, Encrypted QR Seals & real-time emergency evacuation roll-call.

6. 4-Portal Cloud & AI Reporting
Main, Monitoring, Audit & Admin portals with custom AI prompt reports, auto-scheduled emails & SHA-256 lineage.

4-STAGE TURNKEY PSIM ROLLOUT & COMMISSIONING LIFECYCLE

ZERO-DISRUPTION BROWNFIELD & GREENFIELD

STAGE 01 // AUDIT
Subsystem & Network Discovery
Map existing NVRs, cameras, access panels, weighbridges & SOPs.

STAGE 02 // WALLBOARD
4-Portal & Connector Bind
Connect ONVIF/OSDP/Modbus streams & deploy ISO 11064 wallboards.

STAGE 03 // VISIONAI
AI Layer & SOP Playbooks
Activate ANPR, intrusion, PPE, thermal rules & hardware interlocks.

STAGE 04 // MANAGED SLA
Operator Handover & 24/7 Run
Certify control room operators & activate 30min/4hr managed SLA.

BOOK A LIVE CONTROL ROOM & PSIM ARCHITECTURE WALKTHROUGH

William Blignaut (Blaine) Vorster

Director & Principal Solutions Architect — **PSG Technical Turnkey Solutions (Pty) Ltd (t/a PSG Africa)**

☎ +27 76 190 3535 / +27 12 323 9109 ✉ blaine@psgafrica.co.za | info@psgafrica.co.za 🌐 www.psgafrica.co.za

It’s not about the individual modules, it’s about how they are perfectly & uniquely pieced together...

True Physical Security Information Management is not just a camera viewer—it is the nervous system that connects your gates, weighbridges, perimeters, fuel tanks, and emergency mustering into one living operational picture.

Whether integrating legacy cameras and turnstiles or deploying a brand-new ISO 11064 command centre with off-grid solar towers and microwave mesh, **PSG VisionAI™ PSIM** delivers total visibility on a single pane of glass.

PSG VISIONAI™ PSIM

PSG AFRICA TECHNICAL TURNKEY SOLUTIONS • UNIFIED CYBER-PHYSICAL COMMAND

PSG VISIONAI™ PSIM
PSG AFRICA • UNIFIED MULTI-VENDOR PSIM, AI ANALYTICS & SOP ENGINE