Company Presentation

IRISITY
SAUDI

Amar
AMAR ADVANCED TECHNOLOGY
امار المتطورة لتقنية المعلومات

SEE WHAT MATTERS, WHEN IT MATTERS | IRISITY SAUDI

Irisity Saudi – AI Video Analytics for the Kingdom

- **Local Entity, Global Expertise** Irisity Saudi is a Saudi-registered company with dedicated local experts.

- **Localization of Technology** Tailored to align with Saudi market needs, culture, and regulations (GACA, Vision 2030, data privacy).

- **Backed by Irisity Global** Supported by 20+ years of Swedish AI innovation and R&D excellence.

- **Local Operations Advantage:**
  - Faster response & on-ground support (sales + engineering).
  - Knowledge transfer & training for Saudi workforce.
  - Stronger alignment with national security and digital transformation priorities.
  - End-to-end project delivery with local accountability.

SEE WHAT MATTERS, WHEN IT MATTERS | IRISITY SAUDI

: IRIS+ AI Video Analytics Engine for the Kingdom

AMAR ADVANCED TECHNOLOGY

امار المتطورة لتقنية المعلومات

Core Capabilities:

- Real-time AI detection of threats, anomalies, and unsafe behaviors

- Instant video search using natural language (e.g., "man in white thobe near restricted gate")

- Smart indexing of live and recorded video streams

- PDPA-aligned anonymization for privacy compliance

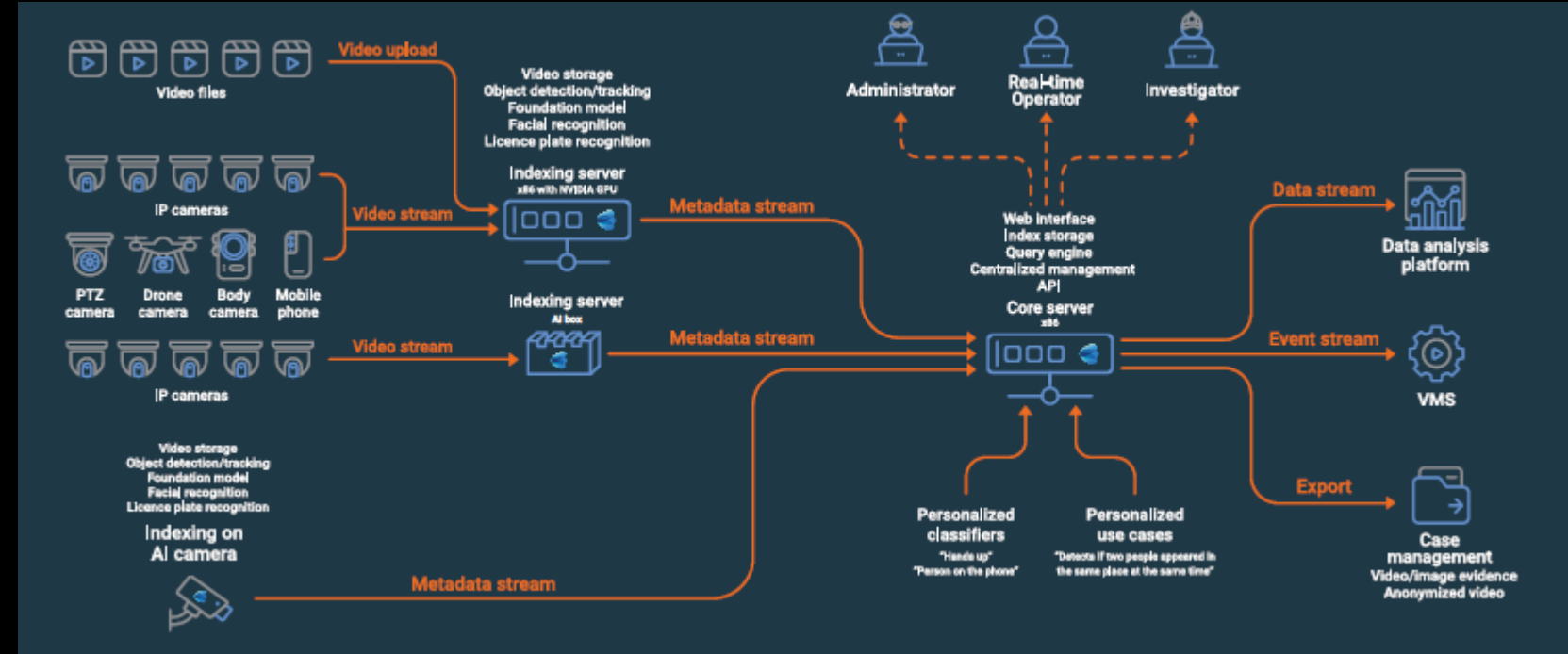- Integrates with any camera, VMS, or command center system (RTSP/ONVIF)

Deployment Flexibility:

- Supports on-premises, cloud, or hybrid architecture

- Scalable from small sites (Jetson) to nationwide deployments

- Floating license model suited for mega-projects and distributed environments

SEE WHAT MATTERS, WHEN IT MATTERS | IRISITY SAUDI

Indexing (Key differentiator)

Indexing Architecture

- **Speed of Installation:** Download the license file, run it and in less than30 minutes (upon the installation) the AI automatically begins indexing the field of view, detecting and categorizing objects, people, and activities in real time
for seamless search and analysis.

- **license and pay per channel**
Included is unlimited users, unlimited search and case management
as well as unlimited queries.

- **Reduced hardware cost by 60% :**
Leveraging state-of-the-art models IRIS+ ForensiQ capitalizes on reduced inference / hardware costs and a shift toward more general, reusable neural networks. This enables text-based video searches, powerful few-shot learning, and rapid classifier deployment.

SEE WHAT MATTERS, WHEN IT MATTERS

Competitive advantage: We have 20 years in the market, 5–10-year customer journeys .

Health & Elder Care

Anonymized patient monitoring and behavioral detection for health care providers.

Rail & Transportation

Passenger safety and railway track monitoring, of detecting unattended objects, trespassing

Critical infrastructure

Long-range permitter protection with solutions for intrusion, smoke & fire detection

Safe & Smart Cities

Citizen safety, vehicle track and trace with advanced analytics and Generative AI search. query

Government

Enhancing public safety through monitoring and threat detection for government facilities and operations.
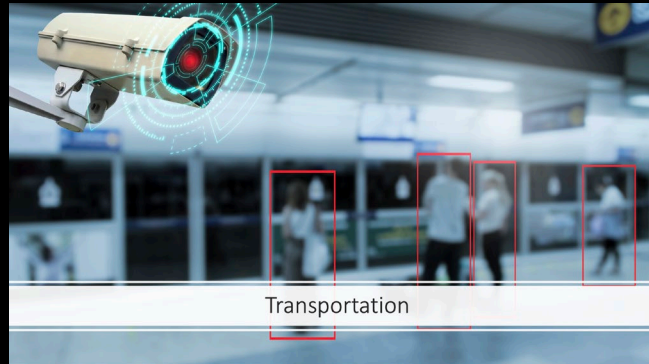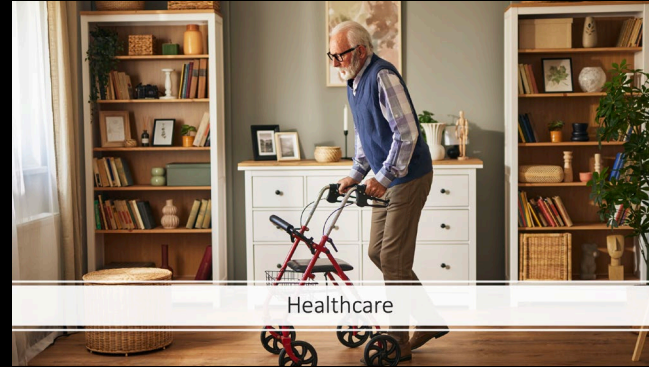
Education

Improved school safety detecting vandalism while protecting privacy.

SEE WHAT MATTERS, WHEN IT MATTERS | IRISITY SAUDI

Main vertical markets

Education

Healthcare

Critical Infrastructure

Transportation

Retail

Safe § Smart city

SEE WHAT MATTERS, WHEN IT MATTERS

Smart City Solutions

Safeguard public spaces with intelligent video analytics

SEE WHAT MATTERS, WHEN IT MATTERS

Construction Site Safety & Compliance

PPE Detection: Ensures workers wear helmets, vests, and safety gear at all times.

Fall and Accident Detection: Provides real-time alerts for incidents in high-risk zones or scaffolding areas.

Restricted Zone Monitoring: Prevents unauthorized access to hazardous or unfinished areas.

Worker Density Monitoring: Identifies overcrowding or unsafe working conditions.

SEE WHAT MATTERS, WHEN IT MATTERS | IRISITY SAUDI

Smart City & Accommodation Area Security

Perimeter & Intrusion Detection: Protects residential compounds, construction camps, and storage areas.

Vehicle and Visitor Access Control: Uses AI-based license plate and face recognition for controlled entry.

Loitering & Suspicious Behavior Detection: Identifies unusual activity around public or restricted buildings.

Fire & Smoke Detection: Early warning for safety incidents in temporary housing or construction offices.

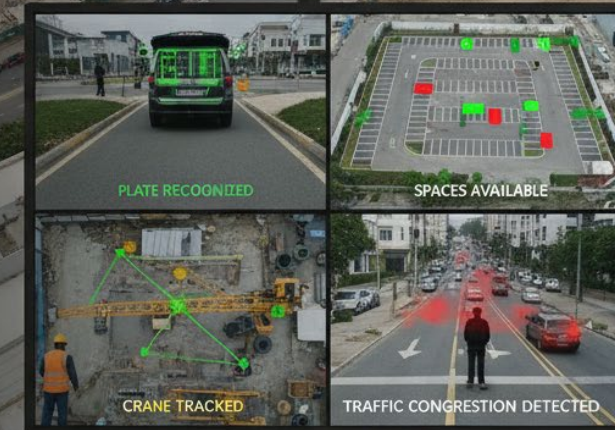SEE WHAT MATTERS, WHEN IT MATTERS | IRISITY SAUDI

Vehicle & Parking Management

Automated License Plate Recognition (ALPR): Registers all vehicles entering and exiting smart city zones.

Parking Occupancy Monitoring: Tracks availability and enforces proper usage in public and contractor areas.

Heavy Equipment Tracking: Monitors cranes, trucks, and machinery movement for safety and utilization.

Traffic Flow Analytics: Improves road safety by detecting congestion, illegal parking, or blocked routes.

SEE WHAT MATTERS, WHEN IT MATTERS

Project Efficiency & Quality Assurance

Construction Progress Monitoring: AI time-lapse analytics to measure progress against schedules.

Material Handling Oversight: Detects improper loading/unloading practices and waste of materials.

Predictive Maintenance: Identifies early wear and tear in infrastructure such as lighting, elevators, and utilities.

Workforce Productivity Insights: Analyzes site activity to optimize resource allocation and shift planning.

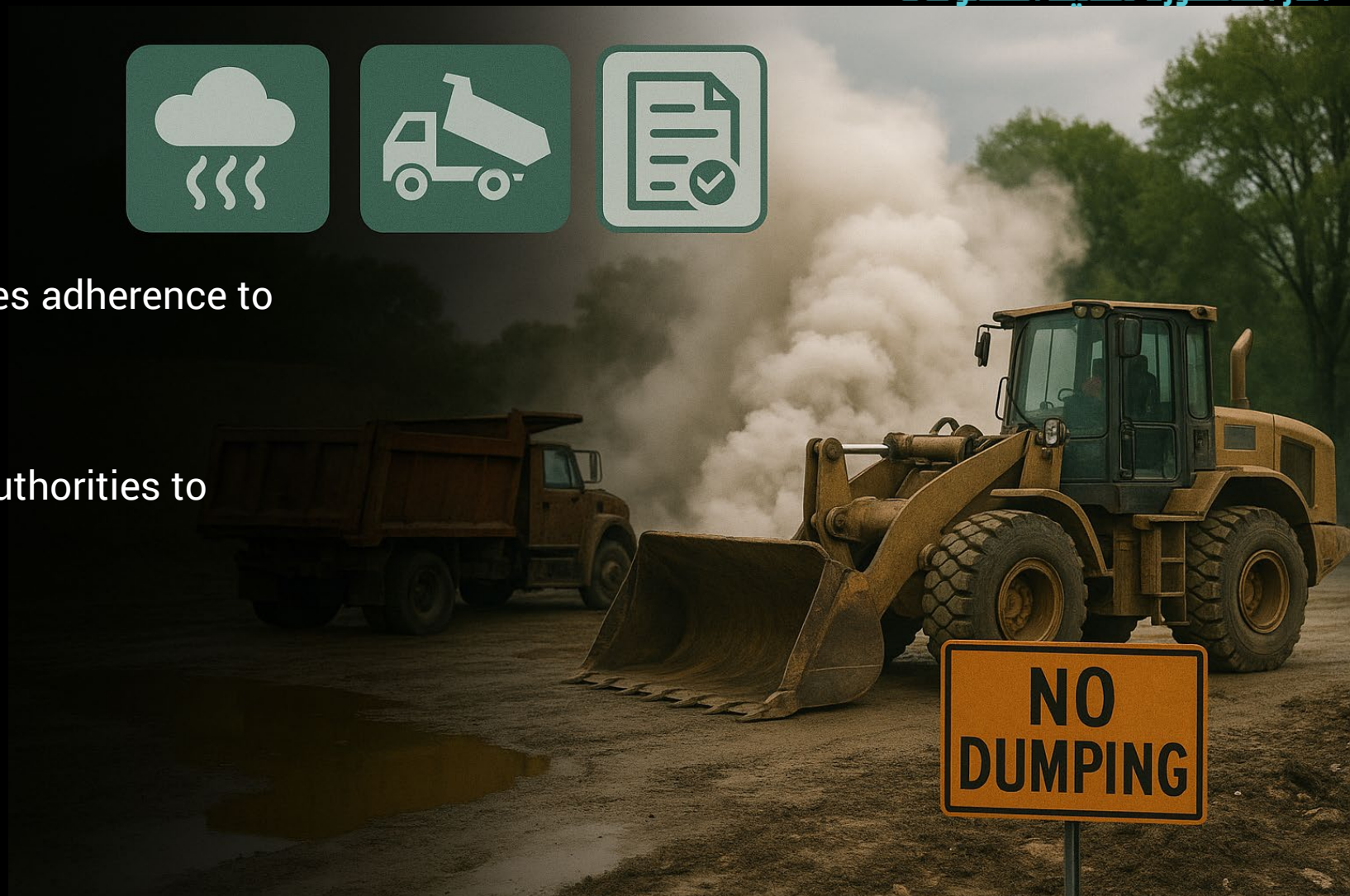SEE WHAT MATTERS, WHEN IT MATTERS | IRISITY SAUDI

Environmental & Regulatory Compliance

Dust, Smoke, and Waste Detection: Ensures adherence to environmental and municipal standards.

Illegal Dumping & Spill Detection: Alerts authorities to unsanctioned waste disposal or leaks

NO DUMPING

Why Irisity? – Strategic Differentiators for Saudi Arabia

- **One Unified AI Platform Across All Sectors**: IRIS+ scales across thousands of cameras under one AI ecosystem.

- **World-Class Accuracy:** 95% false alarm reduction and reliable detection

- **Search Like Google:** Natural language queries (e.g., "person entering at 3 AM with helmet")

- **Built for the Kingdom's Scale**: IRIS+ is built to scale with Vision 2030 projects.

- **Smart Dashboards & Proactive Monitoring**: Real-time business intelligence, health monitoring of all connected cameras and systems, and detailed KPI reporting.

- **Trusted by Global & GCC Authorities**: Used by government entities, airports, ports, and critical infrastructure in over 90 countries

SEE WHAT MATTERS, WHEN IT MATTERS | IRISITY SAUDI

AMAR ADVANCED TECHNOLOGY

امار المتطورة لتقنية المعلومات

IRISITY
SAUDI

SEE WHAT MATTERS, WHEN IT MATTERS | IRISITY