HDS AI SYSTEM

in cooperation with an Interactive Avatar



Natural-language access to monitoring, forensic search and operational information

One AI interface for video, data and human interaction

The Avatar makes complex HDS functions accessible through natural conversation

- **Natural-language requests**

  Users describe what they need to find, analyse or explain.

- **HDS data foundation**

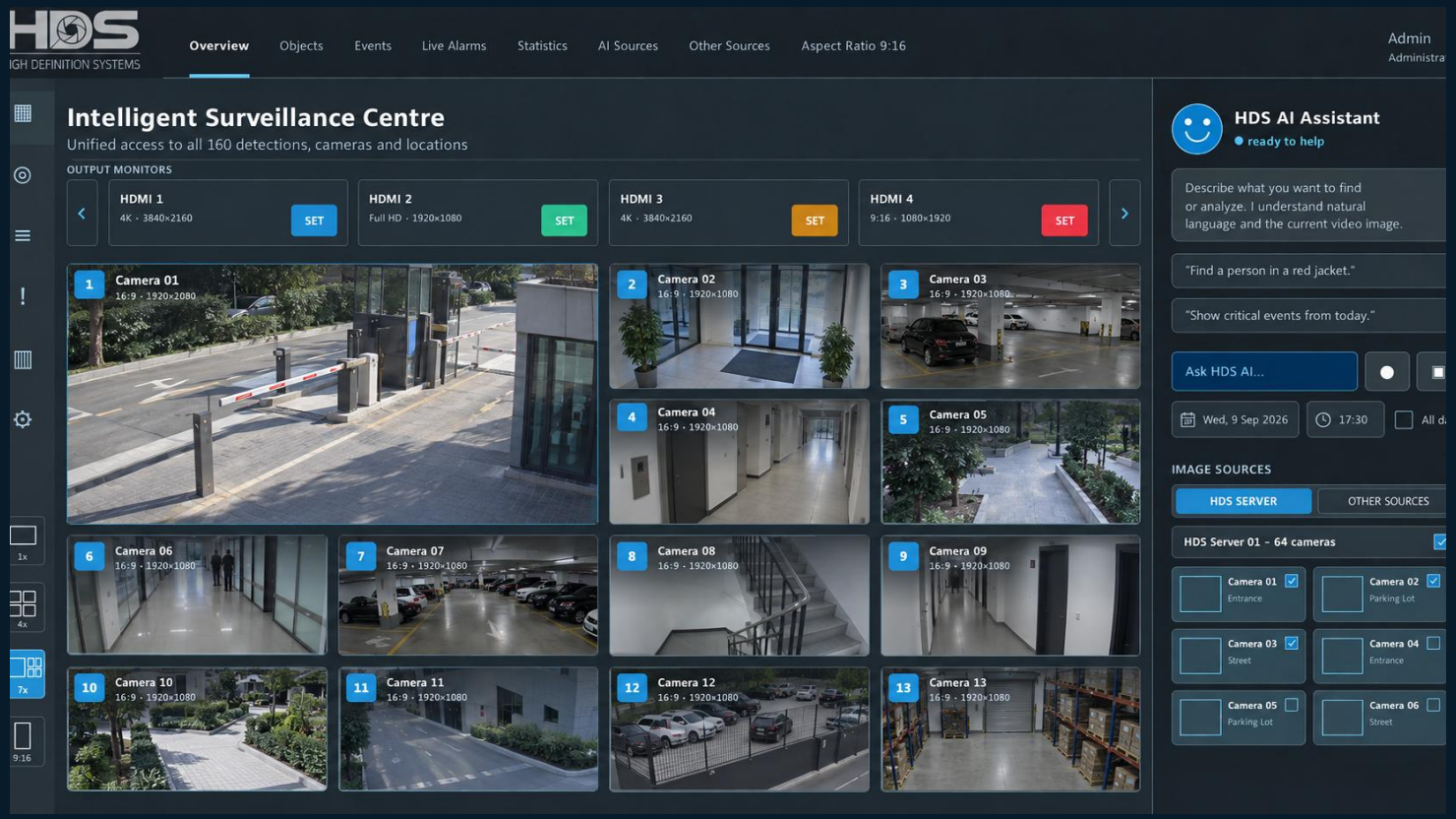
  The assistant connects monitoring, events, alarms, statistics and external sources.

- **Visual Avatar response**

  A human-like interface presents results, guidance and public information.

- **Controlled access**

  Permissions define which cameras, databases and workflows each user can reach.



Software intelligence and the physical Avatar share one interaction layer

Operational questions become searchable events

Example AI log types available through the HDS platform and Avatar









HDS AI searches across internal and external sources

A unified workspace can combine HDS servers, partner systems and defined client databases

- **Multi-source monitoring**

  Video and data sources remain visible in one controlled environment.

- **Client-defined databases**

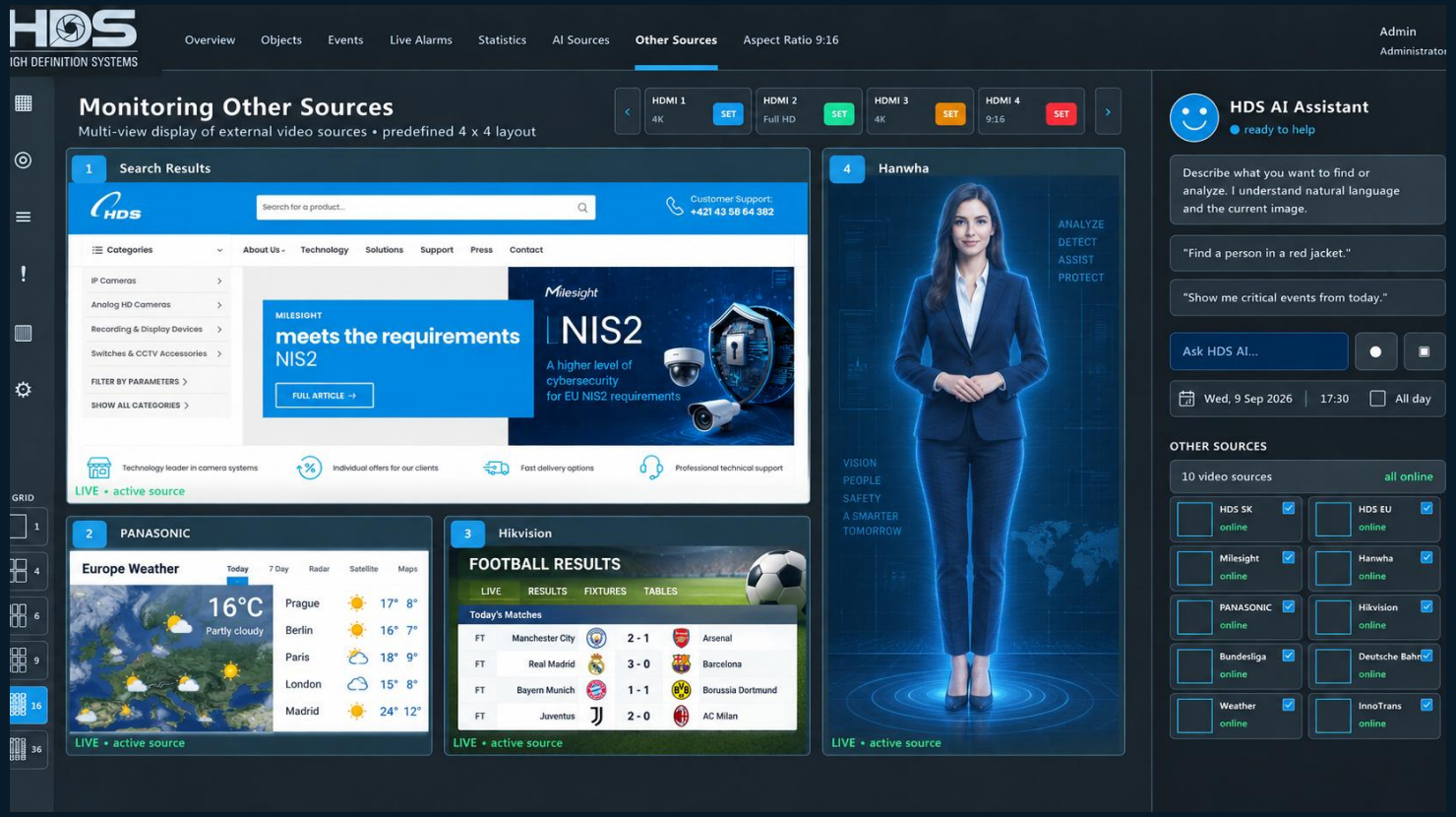
  Search rules can target precisely defined records and data collections.

- **Forensic AI search**

  Natural-language criteria shorten the path from request to evidence.

- **Avatar delivery**

  Results can be explained visually and verbally at a desk, kiosk or public point.



85-inch life-size Holobox

High-visibility full-body Avatar for representative public and corporate spaces

Best suited for

Reception areas
Public information points
Exhibitions and showrooms
Command and visitor centres

- **Life-size presence**

  A full-body Avatar creates a clear focal point and supports guided interaction.

- **Permanent installation**

  Designed for prominent indoor locations with space for a freestanding enclosure.



21.5-inch compact Holobox

A desk-mounted alternative for reception counters and smaller service points

Compact format

A professional Avatar in a small footprint for desks, counters and meeting rooms.

- **Close-range interaction**

  Suitable for personal guidance and conversational assistance at a service desk.

- **Flexible placement**

  The compact enclosure can be positioned where a full-height display is impractical.

- **HDS software connection**

  The same AI workflows can serve multiple Avatar display formats.



43-inch interactive Holobox

A mid-size floor-standing option with touch, camera and microphone integration

- **43-inch Full HD display**

  1920 × 1080 resolution and 350-nit brightness.

- **Touch-enabled version**

  HDMI input and USB connection for touch control.

- **Integrated interaction**

  Embedded Full HD camera and microphone support two-way Avatar communication.

- **Floor-standing enclosure**

  Black product configuration with protective transport packaging.



30-inch and 55-inch robotic transparent OLED

A mobile Avatar platform that can move between service locations and return for charging

- **Transparent OLED panel**

  Full HD resolution, 600-nit brightness and 43% transparency.

- **Touch and onboard computing**

  10-point capacitive touch with Android 10 and RK3588, 8 GB RAM and 128 GB storage.

- **Autonomous mobile base**

  The platform can receive return-to-charge instructions and recharge automatically.

- **Integrated audio and video**

  Built-in microphone and camera support interactive Avatar sessions.

Available in 30-inch and 55-inch variants



Avatar display options by location and interaction model

The HDS AI platform remains consistent while the physical interface changes

21.5-inch

DESK

Primary location

Reception desks and compact service points

Interaction

Personal, close-range guidance

43-inch

FLOOR

Primary location

Retail, showrooms and information points

Interaction

Touch, camera and microphone

85-inch

LIFE-SIZE

Primary location

Large public spaces and exhibitions

Interaction

Maximum visibility and full-body presence

30 / 55-inch

MOBILE OLED

Primary location

Airports, events and flexible service zones

Interaction

Transparent touch display on a robotic base

Final hardware configuration depends on viewing distance, available floor space and required interaction method.

Interactive kiosks for Avatar and self-service workflows

Two 21.5-inch options extend the HDS AI interface to reception and service locations

- **Digital signage kiosk**

  Full HD touch display with Windows 10 Pro, Wi-Fi, speakers and USB/RJ45 connectivity.

- **Self-service kiosk**

  Angled 21.5-inch Full HD touch screen with an integrated keyboard shelf and local controls.

- **HDS AI connection**

  Both formats can provide guided search, information delivery and Avatar-assisted workflows.

