

ربط الشبكات السعودية
SAUDI NET LINK



رؤية
2030
مملكة البحرين
KINGDOM OF SAUDI ARABIA

MANAGED SERVICES PORTFOLIO





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ABOUT US

Established in the Kingdom of Saudi Arabia in 1995, Saudi Net Link Company stands as a pioneer in the development of sophisticated hybrid space/terrestrial data and streaming media networks. Committed to delivering unparalleled services to our esteemed customers, SNL's dedicated team ensures the provision of reliable, high-quality products. With an unwavering focus on excellence, we strive to offer the very best in services to meet and exceed customer expectations.





VISION

We aim to position ourselves as the leading provider of cutting-edge ICT solutions and wireless communication services within the Kingdom of Saudi Arabia. Furthermore, we extend our commitment to excellence across the broader Middle East, including North Africa, with the goal of making a meaningful impact on a global scale.

OUR COMMITMENT

Continuously advancing and broadening our spectrum of solutions, we engage with clients to deliver a standard of quality and objectivity that surpasses expectations. Leveraging cutting-edge end-to-end technologies, we are dedicated to meeting the ever-evolving aspirations and requirements of our clients worldwide.



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VSAT MANAGED SERVICES



VSAT MANAGED SERVICES

SATELLITE INTERNET SERVICE

SNL is a licensed VSAT provider and ISP in Saudi Arabia, specializing in a robust two-way internet satellite service. With ownership of a cutting-edge HUB station situated in the UK and two additional stations in Saudi Arabia, SNL efficiently operates a network that spans over 900 remote locations.



ENTERPRISE CONNECTIVITY

SNL provides comprehensive, turnkey solutions and services tailored to the specific needs of numerous corporations and companies. We specialize in facilitating seamless connectivity between data, voice, video, and other applications, ensuring that our clients' business requirements are met effectively.



OPERATION AND MAINTENANCE

As part of our services, SNL excels in VSAT network operations, offering specialized solutions to governmental and commercial entities. We extend our services to military organizations, providing expertise in managing and operating their VSAT networks with precision and efficiency.



VSAT REMOTE TERMINALS



FIXED ANTENNA



FLYAWAY ANTENNA



**AUTO-ACQUISITION
ANTENNA**



STABILIZED ANTENNA

VSAT MOBILITY SOLUTION

SATCOM ON THE MOVE (SOTM)

The seamlessly integrated systems on the vehicle not only guarantee secure broadband communication but also ensure uninterrupted connectivity while in motion.



SNL owns many of SOTMs vehicles to deliver the required services to the end user as per the client expectation.



VSAT MOBILITY SOLUTION

SATCOM ON THE PAUSE (SOTP)

Connectivity and internet service will be promptly accessible to the customer as soon as the vehicle attains a stable position.

Managed Service using
SATCOM ON THE PAUSE (SOTP)

The SOTP terminal is ideal to cover extensive geographical areas or to be used by emergency units which need a fast communication.

SOTP is a highly compact integrated satellite terminal designed for automatic deployment and reliable communications through any of the existing satellites.



LEO MARITIME SERVICES

ADVANCE LEO'S HIGHLY DIFFERENTIATED VALUE PROPOSITION

HIGH SPEEDS & LOW LETENCY



- Up to 195Mbps user experience
- 100ms RoundTrip Time (RTT)

ENTERPRISE-GRADE CONNECTIVITY TO UNCONNECTED REGIONS



Multiple levels of QoS to support demanding Carrier & Enterprise network applications

Areas in the world without or with limited Broadband Access

NEW GENERATION OF LEO TERMINALS



- User terminal form factors for each market
- Download peak speeds up to 195 Mbps
- Industry standard interfaces to customer equipment for simplicity of integration

DIFFERENTIATED GO-TO-MARKET APPROACH



Partnering with – not competing – the ecosystem leveraging strengths, presence and relationships

EUTELSAT ONEWEB LEO MARITIME SERVICES

AVAILABLE MARITIME TERMINALS



**OW70M
73CM APERTURE**



**OW50M
53CM APERTURE**



**KYMETA
PEREGRINE U8**



**DUAL KYMETA
PEREGRINE U8**

WIRELESS & MICROWAVE COMMUNICATION

MICROWAVE SOLUTION

HIGH-CAPACITY MICROWAVE

FIXED

- SCADA Applications
- Enterprises/offices
- Home users/consumers

SATCOM ON THE PAUSE (SOTP)

- Manpack
- Surveillance Vehicles
- Quick Deploy Flyaway
- SNG Broadcast

SATCOM ON THE MOVE (SOTM)

- Maritime Vessels
- Onthe move vehicles
- Railways
- Aerospace

BROADBAND WIRELESS SOLUTION

Saudi Net Link stands as a forefront innovator, specializing in the design of broadband wireless communication systems tailored for non-traditional, highly mobile, and rugged environmental conditions. Our expertise extends to the creation of cutting-edge solutions for Comms-On-The-Move (COTM) in terrestrial land and sea-based operations, as well as the development of robust Wireless Local Area Networks (WLAN) and Nomadic Wireless Wide Area Networks (WWAN).



**LONGRANGE-
APS**



APS



**SHORT RANGE -
OTM**



**LONGRANGE-
OTM**



**QUICK DEPLOY
OTM**

BROADBAND WIRELESS SOLUTION

TARGET MARKET

- Oil & Gas
- Naval Operation
- Ship to Ship and Ship to Shore
- Coastal protection / Boarding forces
- Army Operations
- Backhaul, Radio Relay
- Air Force

SNL CAPABILITIES

- Cutting edge
- Highest Link Performance in divers and changing environments
- Supports highspeed tracking

SNL VALUE

- Eliminate complexity in deployment of wireless communications
- Increase battlefield mobility
- Reduce recurring costs for communications
- Convert customers trust in broadband communications in tactical environments

TRUSTED PARTNER IN LOS COMMS

- Ensure link Quality
- Maximize Data Rates in Backhaul Communications
- Enable Mobility
- Quickly deploy Backhaul for LTE, WiMAX, Wi-Fi
- Augment STACOM
- Reduce paid service reliance

TETRA RADIO

SNL is unwavering in its commitment to delivering cutting-edge solutions, offering comprehensive support from conceptualization to implementation, as well as technical services to empower our customers in achieving their business and strategic objectives within the TETRA domain.

To ensure the realization of our customers' goals in both governmental and private sectors, we have fostered robust relationships with key manufacturers in the TETRA domain. SNL's strength lies in leveraging the latest tools and technologies, allowing us to provide unparalleled TETRA solutions across various industries such as manufacturing, hospitality, retail, offices, and particularly in governmental sectors, notably MOI (Ministry of Interior) and MOD (Ministry of Defense).

With the capability to deliver turnkey solutions, managed services, and training, SNL extends its expertise within and beyond the Kingdom, specializing in secured communication domains. Our dedication to excellence underscores our role as a trusted partner in advancing secure and efficient communication solutions for our valued clientele.

The logo for Airbus, featuring the word "AIRBUS" in a bold, blue, sans-serif font.The Hytera logo, featuring the word "Hytera" in a blue, sans-serif font, with a stylized green and blue graphic element to the right.The Sepura logo, featuring the word "sepura" in a blue, sans-serif font, with a small blue graphic element to the right.

SNL MOBILITY PROJECT



TRUCK / VAN

- Full Size Truck
- Van (Mobile command and control)



TRAILER

- Small
- Large
- Full Size Container (20ft / 40ft / Extendable)

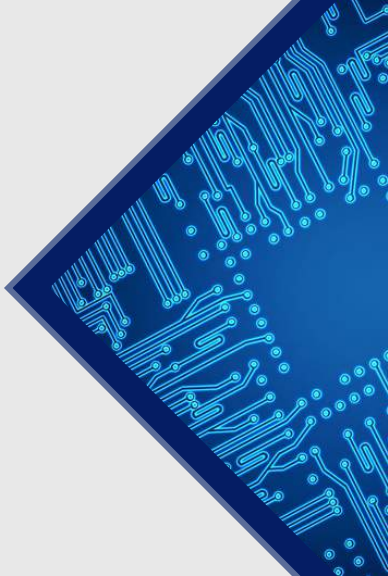


MARINE

- Boats
- Yacht
- Ships

رابط الشبكات السعودية
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RADIO FREQUENCIES & ENGINEERING CONSULTATIONS



ENGINEERING SERVICES

1 VSAT Network Design

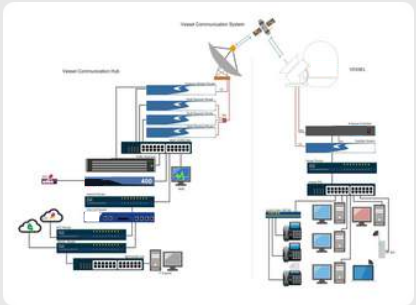
2 RF Systems

3 Integration

4 Monitoring Systems

5 HUB Systems

6 IPTraffic Design



RF ENGINEERING INTEGRATION SERVICES

1

Provide telecom rooms (SHELTERS)

2

Wave guide systems and dehydrators

3

IFL systems coaxial RF cables & opticalfiber IFL systems

4

WG integration kits to RF devices

5

RF switching and redundancy controllers

6

Indoor RF devices integration to Antenna

7

OutdoorRF devices integration to Antenna

8

RF leakage inspection & grounding systems

9

Antenna control units' installation & integration

10

Tracking systems & beacon receivers

11

RF switching systems & matrixes installation and integration

12

Video and Audio coax systems



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SECURITY MANAGEMENT SYSTEMS





TACTICAL COMMUNICATION

MULTIBAND RADIO



Multiband Manpack Radio



Multiband Fixed / Vehicular Radio

MULTIBAND RADIO ACCESSORIES



Charger



GPS
Antenna



Antenna



Hearing Defender
Tactical Headset



Fill Gun



Palm Microphone
with Display



Camera



Battery



Handset



Backpack



TACTICAL COMMUNICATION

COMMUNICATION HEADSET



HEARING PROTECTION

Optional NFMI Earplugs for increased noise reduction while maintaining clear communications and hear-through audio.



SITUATIONAL AWARENESS

Restores and enhances "natural hearing" of outside environments for improved situational awareness.

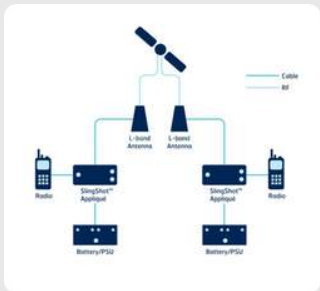


ADVANCE DESIGNING

Earcups designed to accommodate a wide variety of helmet profiles. Configurable mounting options to easily convert from a headband to helmet mounted



TACTICAL COMMUNICATION



L-TAC stands at the forefront, delivering global satellite-based beyond line-of-sight communications on the move, catering to the specific needs of UHF, VHF, and TETRA military tactical radio users. Our cutting-edge technology ensures seamless and reliable communication, empowering military personnel with unparalleled connectivity in dynamic operational environments.

DIGITAL RADIO MOBILE (DMR) SOLUTION

Saudi Net Link is a leading provider of end-to-end DMR solutions, supporting both Tier II and Tier III standards. Through successful project implementations, SNL empowers clients by hosting critical applications on-premises within private networks, ensuring connectivity in isolated sites for enhanced resilience and efficiency in communication infrastructure.

P25 PHASE 1 AND PHASE 2 SOLUTIONS

SNL is committed to the innovation and delivery of top-tier P25 solutions, characterized by their robustness, interoperability, and security. Offering a spectrum of both P25 Phase 1 and Phase 2 open standard-based elements, SNL is well-equipped to provide customers with comprehensive end-to-end solutions tailored to meet their unique organizational requirements.



PORTABLES



MOBILES



BASE STATIONS



NETWORKS



ACCESSORIES





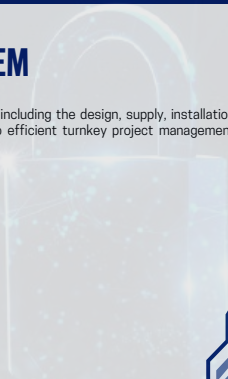
SECURITY SYSTEM

Saudi Net Link Services offers a comprehensive spectrum of solutions, including the design, supply, installation, commissioning, and maintenance of systems. Our expertise extends to efficient turnkey project management, ensuring seamless end-to-end execution and satisfaction for our clients.

OUR WIDE RANGE OF PRODUCTS AND SYSTEM AS:



- Access Control and Alarm Monitoring Systems
- Intruder Detection Systems
- Close Circuit Television (CCTV)
- Close Circuit Television (CCTV)





CYBER SECURITY SERVICES



MSSP

- Managed Cyber Security Services (SoC)
- Secured Cloud Infrastructure and CoLocation
- Business Continuity and Disaster Recover
- Malware and Ransomware Protection



PROFESSIONAL SERVICES

- Consulting Services
- Readiness
- Assessment
- Penetration Testing
- Gap Analysis
- Framework Compliance Audit and Certification
- Cyber Security Training



SURVEILLANCE SOLUTION

Saudi Net Link Services excels in a holistic range of offerings, covering the meticulous design, precise supply, expert installation, seamless commissioning, and meticulous maintenance of diverse systems. Additionally, we bring to the table adept turnkey project management, ensuring a comprehensive and integrated approach to meet the diverse needs of our clients.





BODY WORN CAMERAS (BWC)



SC580

- 4G/Wi-Fi connectivity
- Dual cameras (wide-angle and zoom)
- 1080p HD recording
- Night vision
- AI features (facial/license plate recognition)
- IP68 rugged design



VM580D

- 4G/Wi-Fi/Bluetooth
- Compact, lightweight design
- 1080p HD recording
- AI support
- Push-to-Talk (PTT)
- Dual microphones
- IP68 rugged design
- GPS tracking



VM780/MG5

- 4G/Wi-Fi/Bluetooth
- 1080p HD recording, live streaming
- 5-inch touchscreen
- AI analytics
- Push-to-Talk over Cellular (PoC)
- IP68, MIL-STD-810G rugged design
- 180-degree rotatable camera
- GPS tracking



VM750D

- 4G/Wi-Fi dual-mode
- 1080p HD recording
- AI functions (facial recognition)
- Enhanced night vision
- IP68, MIL-STD-810G rugged design
- Multiple mounting options
- Integrated GPS

CYBER-FORTIFYING SYSTEMS & NETWORKS

Air-Gap & Network Segregation

Data Diode




Critical Network / Secure Asset Data Diode Internal / External Network

Data Protection On-The-Go

WIZ-Knight




Trusted Encryption & Defense-in-Depth

NetCrypt




SOLUTION - NETWORK ENCRYPTION

NETCRYPT SERIES

- Supports Customised Encryption Algorithm
- Key Management System
- High Availability & Disaster Recovery Configuration



NETWORK ENCRYPTION SOLUTION

NetCrypt 520
 NetCrypt 8100
 NetCrypt U1000
 NetCrypt L2000

NETCRYPT SERIES






JAMMERS SECURITY SYSTEMS



In addition to our core offerings, Saudi Net Link is dedicated to ensuring the full spectrum of secured and critical communication. To meet the stringent requirements of our VIP and governmental clientele, we specialize in providing jamming solutions tailored to their specific needs. Our comprehensive range includes portable, convoy, and on-wheel solutions, extending even to buildings. Beyond merely addressing mobile and GSM (2G, 3G, 4G, 5G, and CDMA) frequencies, our expertise extends to blocking GPS, Wifi, VHF, UHF, TETRA, DMR, and drone signals. SNL's cutting-edge solutions cover a wide range of frequencies and signals, reinforcing the security and resilience of communication networks.

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IOT & INTELLIGENT VIDEO STREAMING SOLUTIONS



IOT MANAGED SERVICES

SNL IOT VALUE CHAIN



SNL IOT USE CASES



TRANSPORTATION & LOGISTICS

- Real-time tracking of vehicles and mobile assets
- Equipment utilization
- Cold chain, cargo tracking



ENERGY

- Pipeline & network monitoring
- Tank Monitoring
- Well and Pump management
- Smart Metering



MARITIME

- Real-time information on status and location of maritime assets
- Fishing catch reporting



AGRICULTURE

- Cattle Tracking
- Farm automation
- Soil, water and nutrient monitoring



MINING AND CONSTRUCTION

- Heavy equipment monitoring
- Asset utilization
- Safety management
- Location tracking and optimization of usage

GPS DEVICE NAVIGATION SYSTEM

ADVANTAGES

- Fast
- Leads you in right direction Helps improve mapping skills
- Makes Navigation easier
- Plugs into your car

ENTERPRISE BENEFITS

Lower call costs

Simplified network operations

Integrated voice / data applications

FLEET MANAGEMENT



FLEET MANAGEMENT SOFTWARE

FleetFocus
MIS

FleetFocus
IMS

FleetFocus MCMS

FLEETFOCUS MCMS POWERFUL FUNCTIONALITY INCLUDES:

Vehicle
specification
and
procurement

Shop
management

Equipment
management

Fuel
management

Materials
management

Warranty
administration

Financial
administration



FUEL MANAGEMENT SYSTEM

FOR DELIVERING CONTROL TO

- Petrol Stations Home based Petrol Sites
- In-house Station
- Fleet Management Centres

FUEL AUTOMATION & SMART STATION IS

- High Technological Modular Flexible
- Software and Hardware Solution



INTELLIGENT VIDEO STREAMING SOLUTION

UltraLink-Air H264/H.265 Encoders

For Mobile and Remote production

Live Streaming Multi Camera
4G/5G Store & Forward Return Audio/Video

The UltraLink-Air family of mobile encoders is Mobile Viewpoint's flagship product. With a range of unique features and developments, the UltraLink-Air products are the most technological advanced mobile encoders available today.



Simplified Operations & Ownership

- ✓ Guaranteed Monthly Data Allocation
- ✓ Active Date Over-Rate Notifications
- ✓ Re-Streaming Option to Social Media
- ✓ Gold Support Included



INTELLIGENT VIDEO STREAMING SOLUTION

IQ Sports Producer

Create live professional sports productions without onsite camera team

Record Live Stream Highlights Multi Streams
Social Media Professional Broadcast Analysis

IQ-Sports Producer (IQ-SP) is a leading AI system that automates a televised professional sports production but without the need of a camera team or director. Ideal for sports games that don't have the capital and production resource of the major leagues, it is ideal for tier 2 leagues, sports rights holders, colleges and schools as well niche sports events. It can be utilized by major clubs for training sessions, U21, U18 and other grass roots games where budget constraints prevents a full on-site production and outside broadcast team.



AI-DRIVEN CCTV SOLUTIONS FOR ENHANCED REMOTE SITE SAFETY



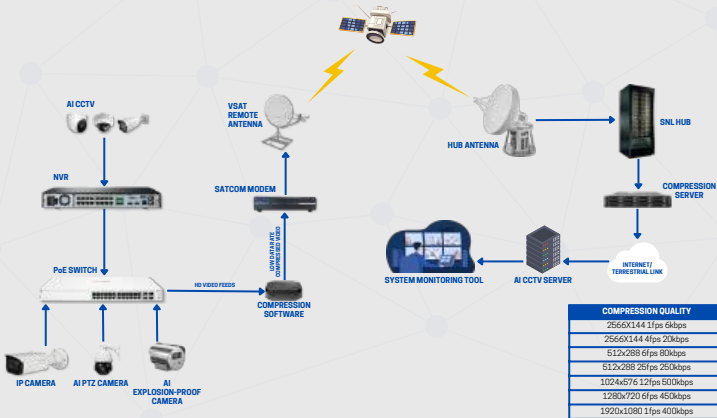
OUR KEY CCTV SOLUTIONS:

- AI-Powered Rig Monitoring Systems
- Explosion-Proof Cameras for Rig Floor
- Remote Monitoring Access
- Centralized Monitoring Systems with AI
- 24/7 Maintenance and Support Services

WHY CHOOSE OUR CCTV SERVICES?

- Customized Surveillance Solutions
- Advanced AI Integration
- Reliable and Secure
- Comprehensive Support

HD VIDEO COMPRESSION OVER SATELLITE FOR REMOTE AI-ENHANCED CCTV SOLUTION



COMPRESSION QUALITY
2566X144 1fps 6kbps
2566X144 4fps 20kbps
512x288 6fps 80kbps
512x288 25fps 250kbps
1024x576 12fps 500kbps
1280x720 6fps 450kbps
1920x1080 1fps 400kbps

VIDEO BROADCASTING & TV SERVICES

Our solutions encompass transmission/broadcast engineering services, supporting the distribution of high-quality audio/video content for TV networks and IP customers worldwide through global satellite networks.



IP VPN OVER SATELLITE

Saudi Net Link's service enables businesses to connect multiple sites both nationally and internationally by creating a Virtual Private Network (VPN). Furthermore, the International IPVPN supports multiple enterprise applications including Internet, data, voice and video.



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EDUCATION & INNOVATION



E-LEARNING

Saudi Net Link offers comprehensive solutions to companies, delivering web-based training products to enhance customer communication in a more convenient and effective manner. Additionally, we provide a diverse range of services to support companies in meeting their various learning needs.

OUR SERVICES INCLUDE:

- Developing sustainable solutions to meet organizational and learner needs
- Empowering learners to learn in the ways most effective for themselves
- Identification and selection of appropriate technology platforms
- Overcoming learning issues associated with medium identification and selection of appropriate tools and methodologies
- Designing appropriate learning infrastructure and methodologies business requirements and training needs analysis



INNOVATIVE BUSINESS

With its deep understanding of the customers' diversified demands, and several years of experience in the smart IoT field, Dahua Technology actively explores new areas including machine vision & AMR, video collaboration, smart fire safety, automotive electronics, smart storage, smart security check, smart display and control, smart thermal imaging, etc., in order to provide more complete solutions to its customers worldwide.

01 MACHINE VISION & AMR



Zhejiang Huisi Technology focuses on machine vision and mobile robot R&D, production and sales, and has industry leading techniques in image optimization, recognition algorithm, navigation and positioning. Products and solutions of the company are widely used in logistics, automotive, 3C, new energy and pharmaceutical industries. Its visual products include industrial cameras, intelligent cameras, 3D cameras and sensors, which are mainly used for code reading and recognition, defect detection, measurement, and positioning. Its mobile robot products covers latency, traction, forklifting, and sorting, which are mainly used in logistics warehouses and material handling.

02 VIDEO COLLABORATION



Founded in August 2016, Zhejiang Huachuang Vision Technology Co., Ltd. (Huachuang Vision) is committed to developing leading video conferencing products and remote collaboration solutions for global users. Its brand, H30tek, covers a comprehensive range of conferencing products including USB cameras, conference cameras, mic & speakers, video conference system, interactive whiteboard, accessories, etc. It also provides solutions for small, medium and large conference rooms and private spaces.

03 SMART FIRE SAFETY



With features ideal for home and business, Wisustam is an advanced global manufacturer of the safety products that can help protect people and properties from fire and related hazards. Wisustam builds and grows by utilizing Dahua's many years of experience in the industry. Since its establishment in 2010, more than 60% of its employees are engaged directly in R&D, working hard to explore the integration of video and fire detection. Through cutting-edge split-spectrum smoke sensing technology and smart IoT technology, Wisustam is committed to making the world a safer and smarter place to live.

04 AUTOMOTIVE ELECTRONICS



With video as its core, Zhejiang Huanise Technology is engaged in smart driving business, providing advanced automotive electronics products and solutions to the world, and actively expanding automotive's before and after market. Its products cover a full range of in-board cameras, on-board terminal hosts, active safety products, auxiliary driving devices, panoramic 360 viewing system, etc. They have been widely used in freight logistics, public transport, school buses, sanitation trucks and other application scenarios.

INNOVATIVE BUSINESS

05 SMART STORAGE



Dahua Memory focuses on the R&D, manufacturing and sales of storage products, and serves the consumer market with standards that meet the high requirements of the industry. The company keeps innovating and researching about the storage field, and offers advanced memory card, SSD, U-Disk, PSSD, DRAM, NAS and other related products. Its business covers consumer, enterprise and industrial markets, and meets the needs of various application scenarios, providing a new storage experience to its world-wide users.

06 SMART SECURITY CHECK



Zhejiang Huisan Technology Co., Ltd. (Huisan Technology) adopts Dahua's award-winning deep learning algorithms, image and signal processing technology, and IoT technology, providing a portfolio of solutions consists of project-oriented products such as WTMO, security screening system, retail loss prevention system and software platform. It delivers precise, reliable and comprehensive AI solutions to various verticals including retail, energy, finance, and transportation. Huisan Technology owns the aliythan trademark.

07 SMART DISPLAY & CONTROL



With more than ten years of industry technology experience, the Dahua Images and Graphics Business Global Department has developed a full range of product line covering LED displays, LCD displays, DLP rear projection splicing, information display devices, control systems, etc. Focusing on product planning, marketing, project delivery and after-sales services, it constantly puts emphasis on products and solutions related to display and control. It has also contributed several success stories in the industry.

08 SMART THERMAL IMAGING



With thermal imaging technology as its core, Huisan Technology provides a complete set of modules, powerful machine vision products, and comprehensive solutions. Its products and solutions are widely used in industrial temperature measurement, natural ecology, new energy, carbon neutrality, perimeter protection, outdoor sports, consumer electronics and many other fields. The company is committed to further enhancing temperature sensing technology and developing leading thermal imaging products and solutions to serve to global customers.



OUR CLIENTS & PARTNERS





OUR CLIENTS





OUR PARTNERS





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