



Company Profile



AGENDA

Executive Summary

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Core Products & Solutions USP

04

Executive Summary



Registered in USA, Video Network Security (VNS) aims to become a specialist video surveillance technology provider with bespoke CCTV for commercial, industrial, government, banking, retail, hospitality, healthcare and transportation verticals in the MENA region.



The VNS vision is to benefit from the pains of existing and new ICT and security systems integrators and customers who are being forced out of competition by more dominating multinational & systems integrators who are not quick to adopt emerging technology solutions and restricted to represents known brands.




MENA regional security products sales is forecasted to exceed to \$ 2.0 Billion in 2019 and the commercialization of security in general, there is a substantial opportunity for VNS to improve client's ability to deliver innovative and cost-effective security solutions that they otherwise are unable to access on their own.




The MENA region has also been deprived of professional consultants for SMB's who strive to adapt technology innovations in the rapidly shifting market conditions both in the face of inherently inflexible and established installation methodologies, design criteria and dinosaur technologies.

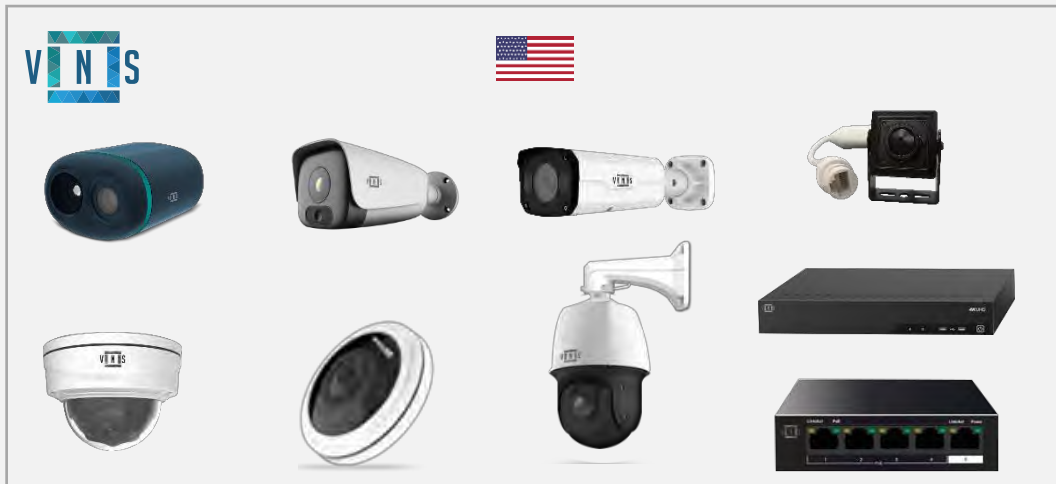
Company Legal & Business Structure



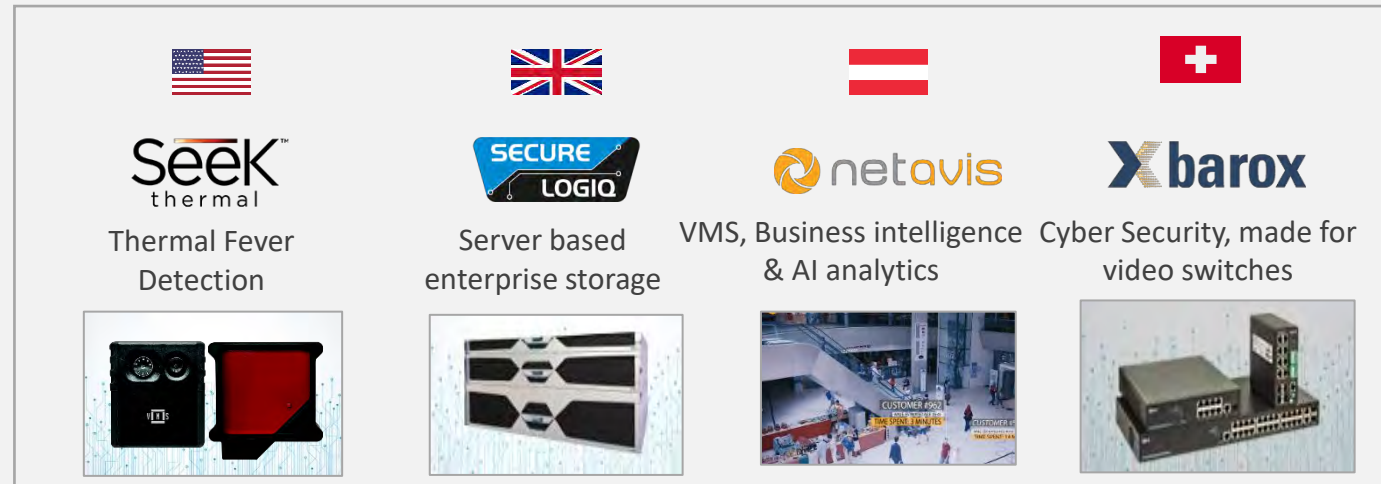
 1950 W. Corporate Way PMB 95972,
Anaheim, California 92801, USA.

 Suite No. 402-01, B-Wing, DSO HQ
Building, Dubai Silicon Oasis, Dubai, UAE.

Own CCTV Brand



Strategic Brand Alliance & Representation



Basic to Highly Intelligent AI Powered Platform

V N S

SECURE

INTELLIGENT

POWERFUL

ROBUST

LIMITLESS

Enterprise
Headend



Basic
Headend



Common Camera
& Sensors



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Company Profile



- Based in USA, KSA and GCC
- Coverage include MENA
- Best brands representation
- Consultant & project management
- Security assessment & system design
- Extensive network of customers

Our Vision

To deliver innovative, reliable, safe and scalable video surveillance solutions that transforms our customers' vision to value. VNS has one aim only, providing maximum value for our customers.

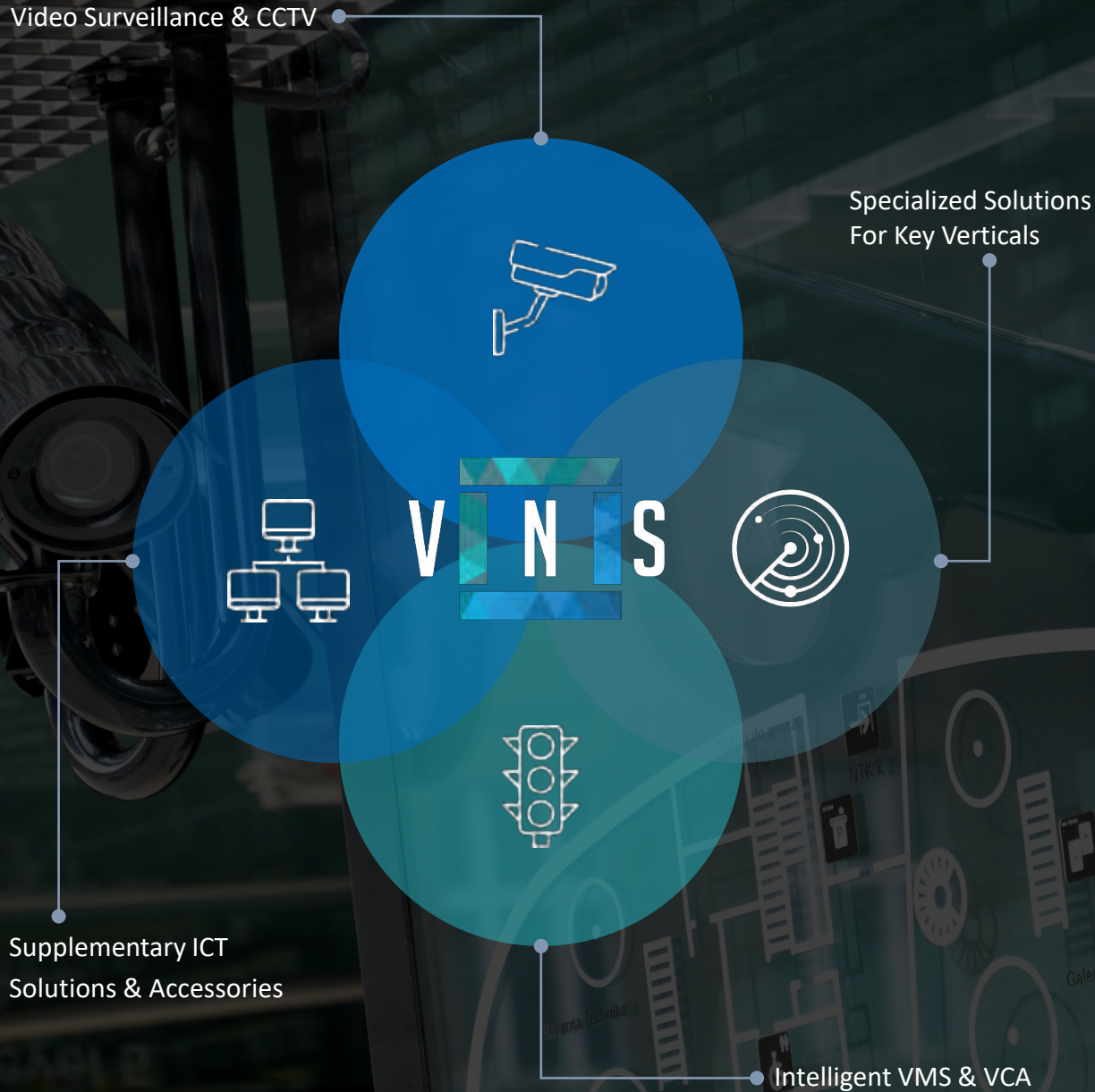
Our Mission

To safeguard our customer investment by delivering superior products and services that exceeds their expectations. We win when our customers win in their mission and rely on our strategic partnership to reach their business objectives.

We will spare no efforts to meet your organizational need for advance security and IP video surveillance solutions that are highly innovative yet simple to use, cost effective and fits exactly the security needs of your customers.

Integration & Intelligent Video Processing

Video Surveillance & CCTV



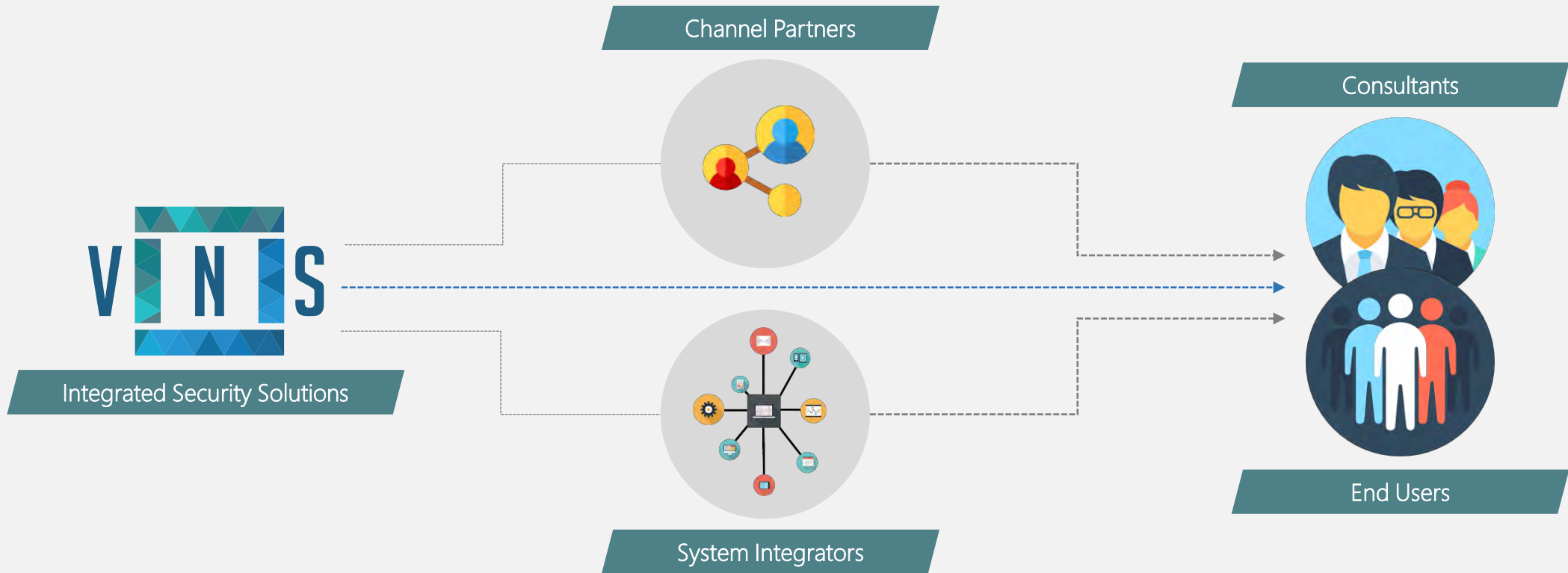
Core Solutions Competencies

Products

- AI Video Surveillance & CCTV
- Supplementary ICT Solutions & Accessories
- Specialized CCTV Solutions For Key Verticals
- Intelligent VMS & Video Analytics
- Thermal Based Fever Detection Solutions



Path to Market



Seminars, demonstrations, spec development and design/built solutions for specific market segments, i.e., Government, Industrial, Retail, Transportation, Hospitality, Healthcare.

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Partial MENA Projects References

Following projects references are a partial view of the type of projects designed, negotiated, supplied and executed by VNS & IVA.





Abraj Al-Bait Tower (Clock Tower), 16,000+ HD IP CCTV Cameras



**Saudi
Broadcasting
Authority**
Saudi Arabia



Al Fanar Power
Saudi Arabia



Saudi Binladen Group HQ
Saudi Arabia



Royal Commission
Saudi Arabia



Dar Al Tawhid Hotel Makkah
Saudi Arabia



KSU University
Saudi Arabia



Baker Hughes
Saudi Arabia



**National Guard Health
Affairs NGHA**
Saudi Arabia



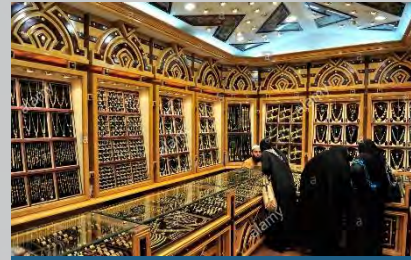
Abdul Samad Alqurashi
Saudi Arabia



Agility Logistics - U.A.E.



Select City Walk Mall, Delhi - India



Muscat New Gold Souq
Oman



Bahrain International Airport
DFS - Bahrain



ADNOC Petrol Stations - UAE



Gargash Showrooms - Dubai



Marina Beach Resort -
U.A.E.



Toyota Showrooms &
Service Cntrs, 80 Sites, KSA



Etisalat 105 Retail Sites,
U.A.E.



Cartier Fashion &
Jewellery - Dubai



Paris Gallery Stores - KSA



Danube Hypermarket, KSA



Patchi Chocolate,
KSA



Dubai Gold Souk -
Dubai Police



Unilever - KSA

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Basic Suite

Sterling Suite

Stellar Suite

Accessories

VMS/APP

Switches

Products, Solutions & Key Technology Advantages

Registered in USA, Video Network Security(VNS) offers bespoke CCTV for commercial, industrial, government, banking, retail, hospitality, healthcare and transportation verticals in the MENA region.

VNS range of innovations & advantages are second to none in the CCTV industry and offers clear commercial, user and operational advantages that protects customer investment and offer future scalability.



The Most Revolutionary Innovation on Product Reliability



IK10



IP67



De-Snow



$\pm 25\%$

Wide Voltage Range



Surge Protection



Wide Temperature Range

The Most Innovative Embedded Camera Features

XLight

High Performance in
Xtream Low Light

VIR

Innovative Day &
Night Change
Detection

Vpix

Proprietary Image
Processing Technology

Vcom

Unique Compression
Technology

4K

Crystal clear image

**Image
Adaptability**

Scene-adaption
WDR/BLD/Defog
Smart IR

**Network
Adaptability**

Anti packet loss:
Packet retransmission
strategy

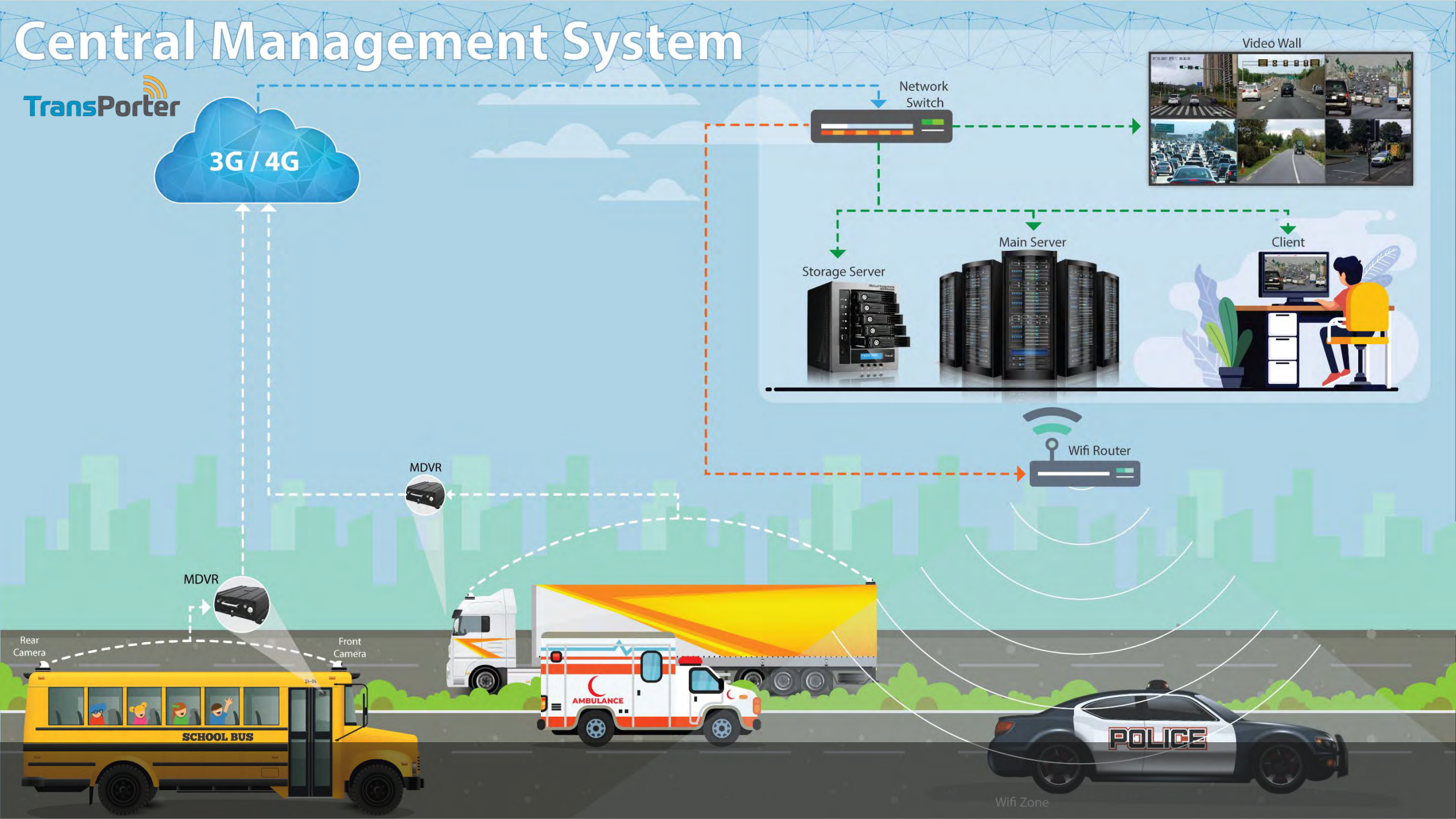


Central Management System

TransPorter



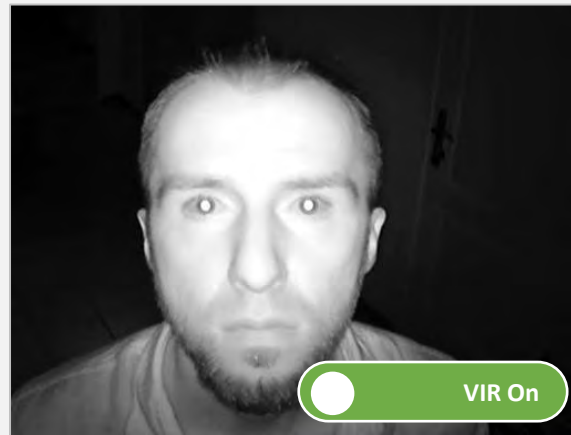
Wifi Zone



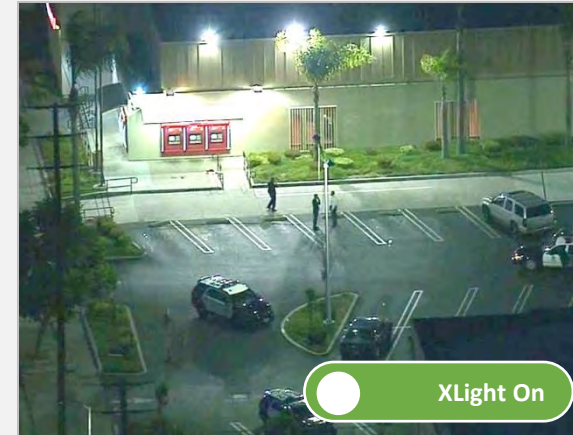
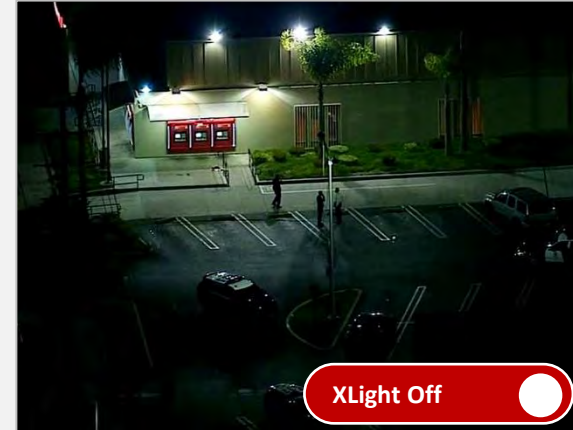
Super WDR Entrance & Lobby



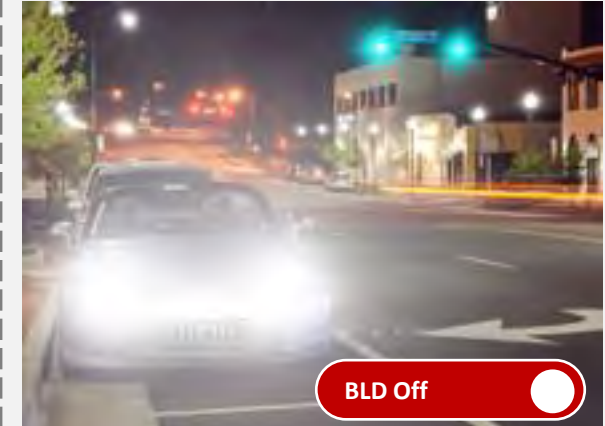
VIR Public & Interior Areas



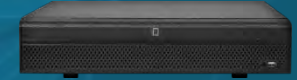
XLight Outdoor Area



BLD Roads



Network Video Recorders - NVR



H.265
HVEC

Video Compression



Storages



PoE / Non PoE



Audio



USB



4K / Ultra HD

Specialized Server Technology for HD Surveillance

FASTEST PERFORMANCE



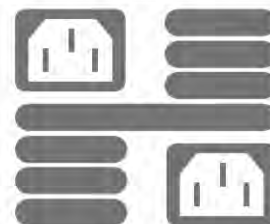
4000+ Mbps

BIGGEST STORAGE



up to 1,248TB

MOST RESILIENCE



RAID 50 + HS

BEST VALUE



£ € \$

Enterprise Video Recording Servers



Most Resilience



Biggest Storage



Fastest Performance



More Throughput



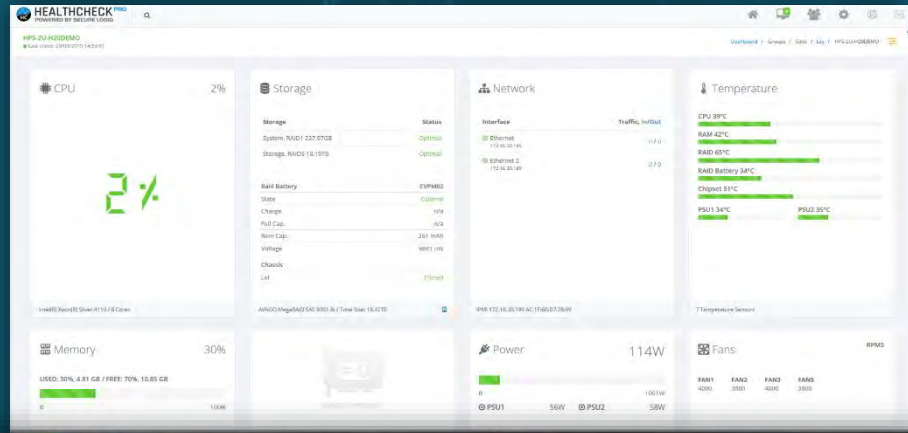
Less Power



Less Rack Space



Powerful Dashboards with Live Health Checks





The Bank of China



Chelsea Football Club



Ministry of Justice Romania



Jumeira Grosvenor House Suites



Hilton Metropole Hotel



Pepsico



European Space Agency

European Space Agency



Scottish Government
Riaghaltas na h-Alba
gov.scot

Scottish Government



LEEDS
METROPOLITAN
UNIVERSITY

Leeds Metropolitan University



Greenwich Peninsula



Mobistar Concept Stores



Westfield Shopping Centre Stratford

Open System Approach

Highly scalable, open system approach, easy to upgrade and compliance with international industry standards



One-click upgrade
Easy to upgrade device
by one-click



Cloud upgrade
One-click upgrade
IPC&NVR over cloud



Plugin free @H.264



Plug & Play
Just Plug-in it will be
ready to use



Compatibility
Support Onvif (Profile
S/G), LAPI and SDK
ONVIF



Pioneer in server-based IP video surveillance and integrated video analytics



About 15,000 installations over 124,000 sold licenses 1 to 15,000 cameras per installation



Customers in industries such as retail, government, public administration, banks, transportation, manufacturing industry and many more



Software easily adaptable to various languages, currently available in over 20 languages, including Arabic

Headquarters in Vienna, Austria

Development in Budapest, Hungary

Delivers products and Services through solution partners and distributors

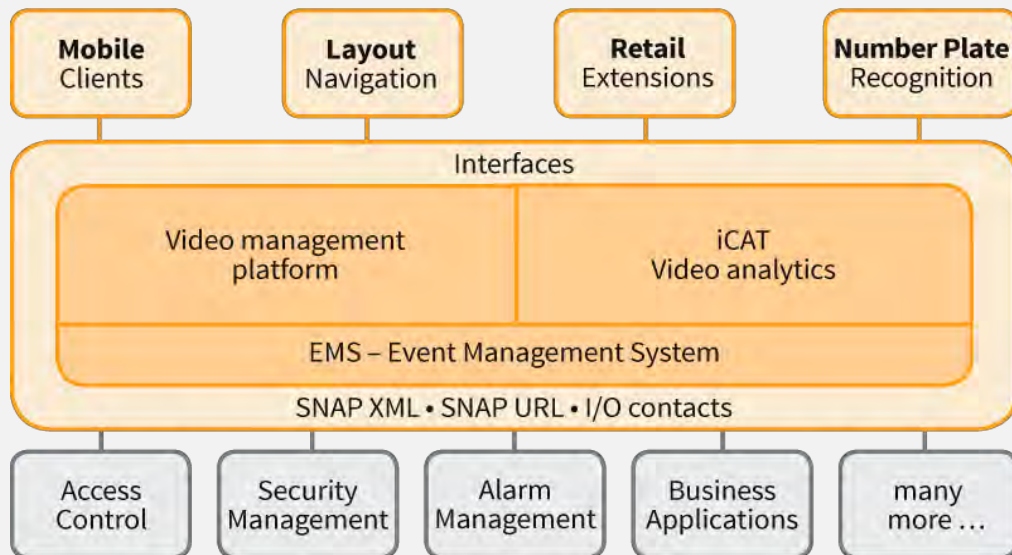
Key focus on Europe and Middle East

Observer Video Management



Video Management Platform based on Linux, with the main advantages

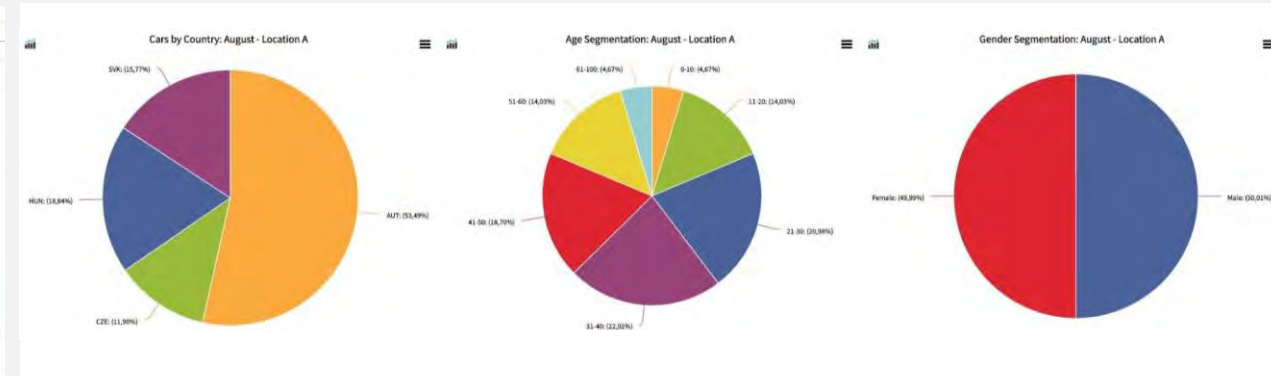
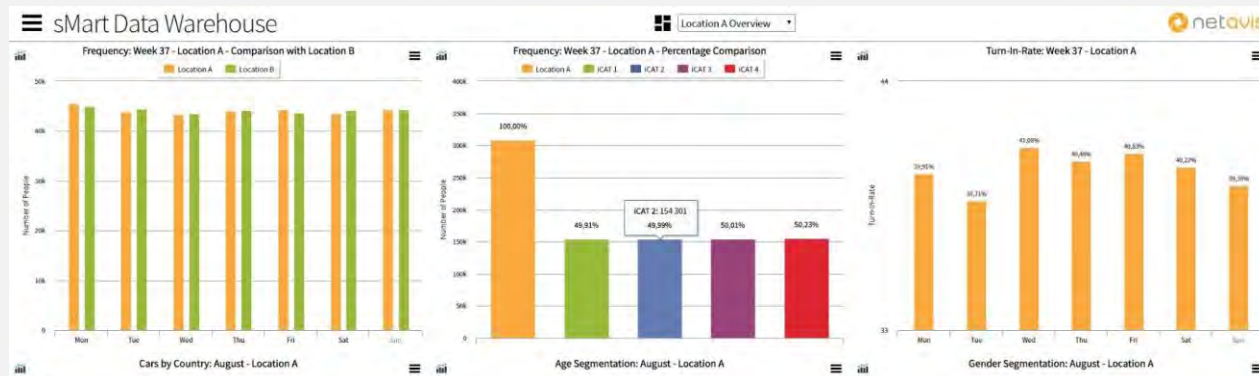
- Cost (included in bundled(with OS)NETAVIS Version) – Unbundled without OS
- Secure Linux OS CentOS Ver 7.5
- Support of Netavis addresses OS questions as well



- High Usability by integration with NETAVIS iCAT Video Analytics in one common application
- ONVIF Profile S, native camera vendor integrations, Generic RTSP Driver
- Interfaces for fast implementation and deployment of 3rd party integrations
- Unlimited System Size (currently up to 15,400 cameras in existing systems)
- Scalability, system size of VMS and analytics defined by license key

sMart Data Warehouse

- Collects and stores data from diverse data sources, including iCAT Video Analytics, and transforms it into key performance indicators.
- Each user is provided with user-specifically tailored information for sound decision-making
- Dashboard interfaces, scheduled PDF reports and business intelligence analysis tools
- Fast and easy implementation and adaptability to the requirements of the various users



Video Content Analytics

■ iCAT Video Analytic Bundle

- Smart Motion Detection
- Object Counting
- Privacy Masking
- Camera Sabotage
- Object Entering/Leaving
- Directional Alarms
- Object Detection
- Object Starting Stopping, Loitering
- Heat Maps/Crowd Density

■ 3D/4D Sensor Integration(Optional)

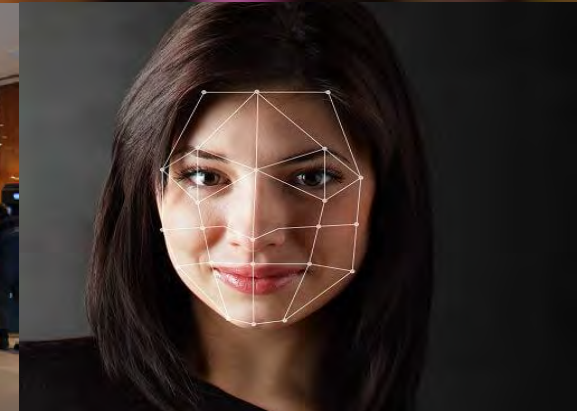
- Enterprise People Counting

■ Face Detection(Optional)

- Gender Segmentation
- Age Segmentation
- Engagement Level

■ ANPR Arabic Number Plate Recognition(Optional)

■ Enterprise Facial Recognition(Optional)



Netavis Security Cockpit (NSC)

Detailed analysis of security related Observer events

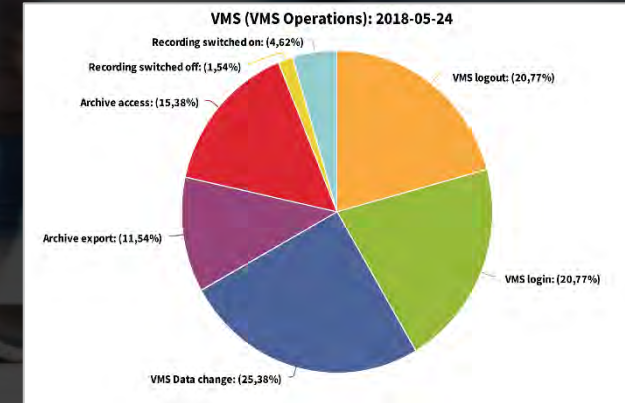
- VMS Status events
- VMS Operations events
- I/O Devices events
- External Devices events



User-specific dashboards



Automatically compiled reports



NSC Dashboards

- The interface to data
- In-depth analysis of all relevant information
- User friendly customizable dashboards

Deployment Options

- Hosted on customer organization's IT infrastructure
- NSC as a Service hosted in the cloud

NSC Reports

- The data can be compiled into passwords protected PDF reports
- System data across time can be compared



iCAT Number Plate Recognition

- Input for statistical data
- NPR list management & events: search and export, real time actions for individual vehicles
- Over 70 countries including Saudi Arabia
- Seamlessly integrated in NETAVIS Observer, no extra server



Archive Encryption

- Netavis Archive Encryption allows to encrypt the entire archive
- Access to archive only with decryption key, even if the hard disc was stolen
- Optional encryption of camera-server and server-client-connections included in every edition

iCAT Face Detection

- Detects and counts faces
- Estimates gender
- Estimates age group
- Measures Attention time
- Direct data export

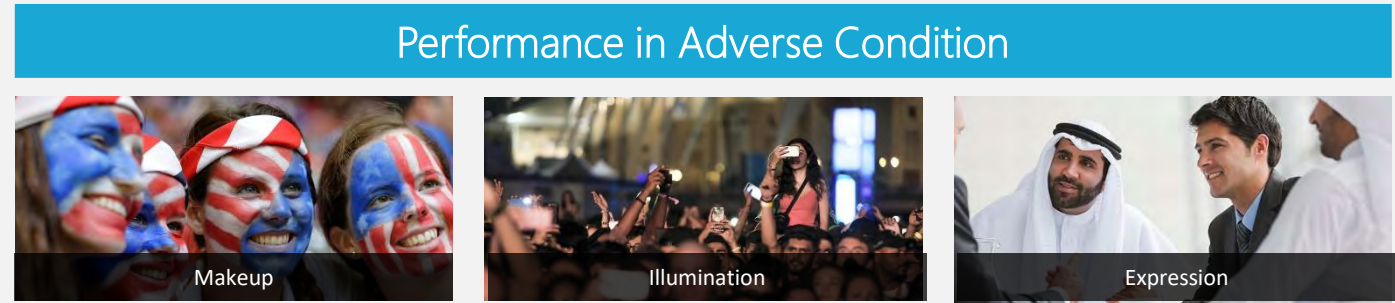
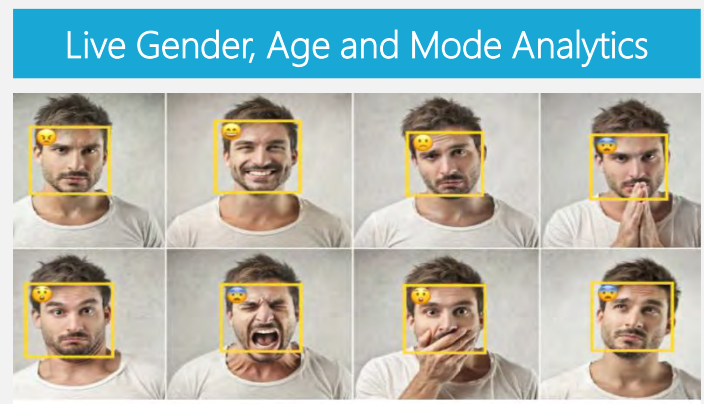
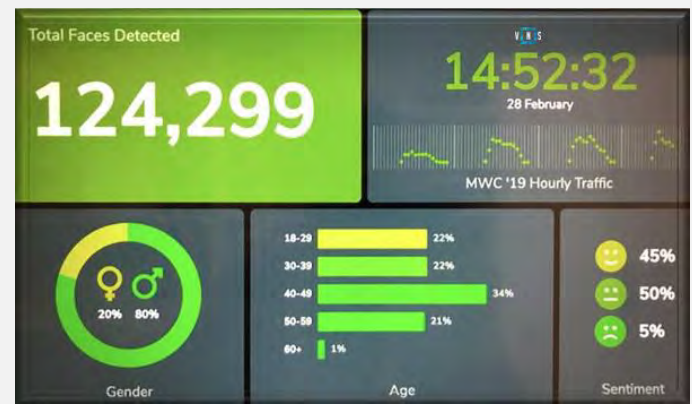
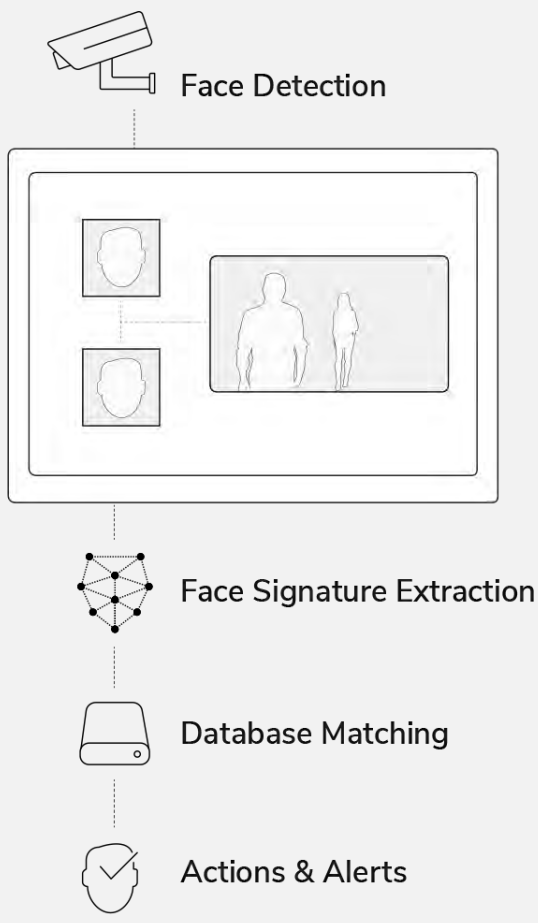
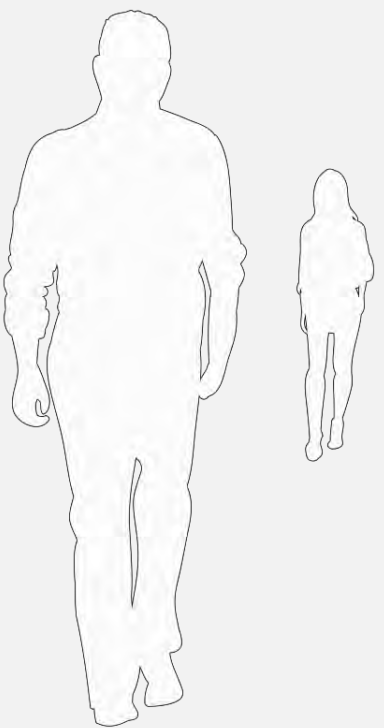


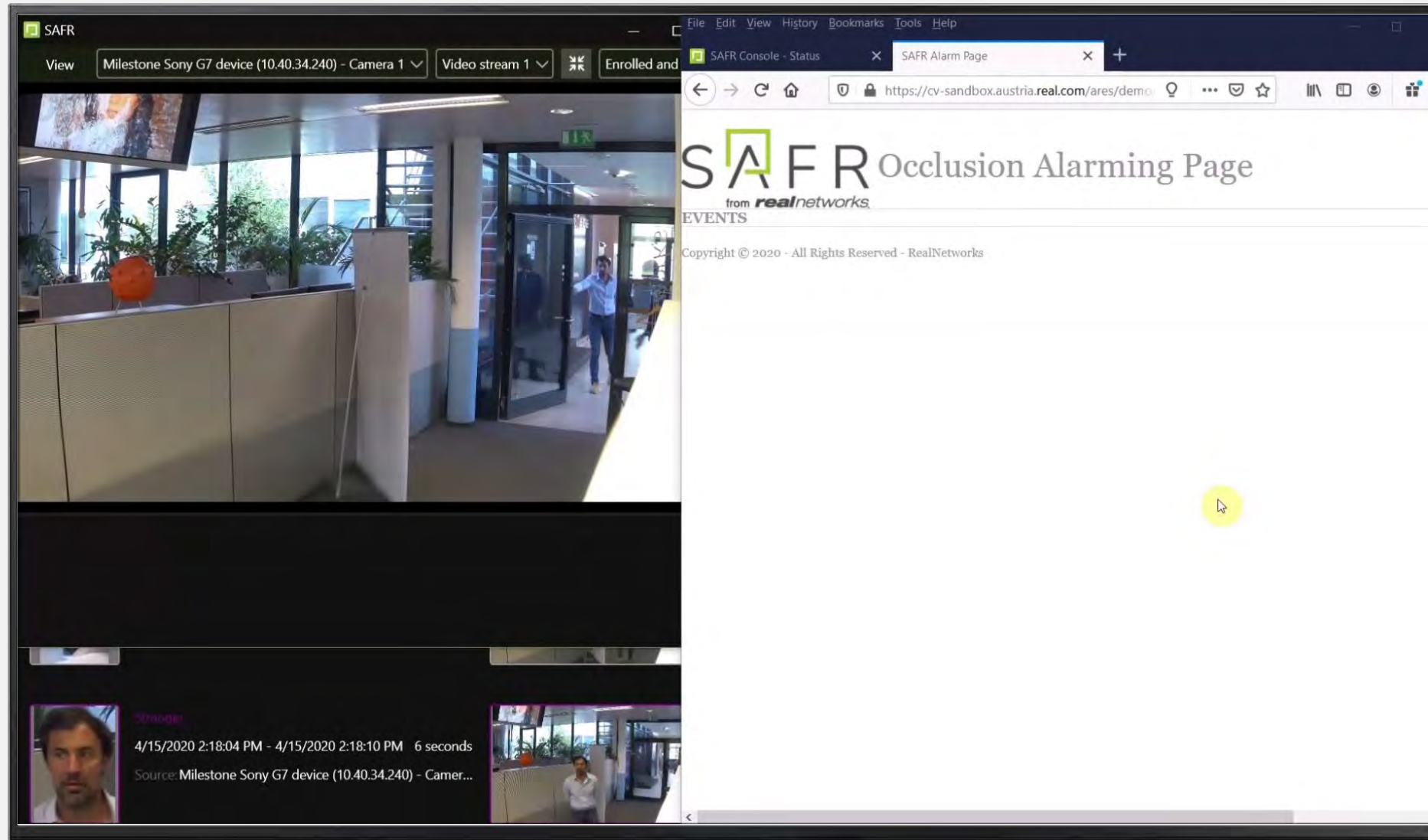
Retail Heat Maps

- Different layouts allow for the most intuitive visualization.
- Heat maps uses cameras in defined areas and integrate them to indicate high concentration of customer traffic and engagement areas.
- Maps can be based on specific time windows or integrated over a period.

Actionable Intelligence for Improved Security & Operational Efficiency







The screenshot shows a computer monitor displaying a SAFR console interface on the left and a web browser on the right. The console interface includes a video stream of a person in a hallway, a control bar with 'View' and 'Video stream 1' options, and a thumbnail of a person's face with a timestamp of '4/15/2020 2:18:04 PM - 4/15/2020 2:18:10 PM 6 seconds' and source information. The browser window shows the 'SAFR Occlusion Alarming Page' with the SAFR logo and 'from realnetworks' text. The browser address bar contains the URL 'https://cv-sandbox.austria.real.com/ares/demo'. A yellow mouse cursor is visible on the page.

Watch on  YouTube



Security of Critical Buildings

- Region: Middle East
- Cameras: 8,500
- 5 sites
- Indoor and outdoor
- 4 petabyte external storage
- Integration with Siemens SiPort (access control)
- High availability (clustering)



Security of Critical Buildings

- Region: Middle East
- Cameras: 16,000+
- Installed in year: ongoing
- Partner: Panasonic
- 4 sites
- SNAP integration



Most Modern Airport in Europe

- Region: Scandinavia
- Cameras: 3,000
- Installed in year: 2009
- Terminal Buildings
- Observer VMS and Analytics



Ministry of Interior
Kingdom of Saudi Arabia

Ministry of Interior Saudi Arabia



NGHA Madinah



King Saud University Riyadh



Civil Defense, Makkah



Copenhagen Airport



Port of Tallinn

Retail												
Government	 (Austrian Ministry of Interior)		 (City of Vienna)				 (Ministry of Justice Romania)					
Utility												
Bank				 <i>By your side</i>								
Health	 <i>Die menschliche Größe</i> (Vienna General Hospital)	 Children's Hospital Dresden	 (Copenhagen Hospital)	 (Salzburg Hospitals)	 (University Hospital Graz)							
Transport						 (Copenhagen Airport)						
Corporate	 <i>Quality In Everything We Do</i>					 <i>ONE STEP AHEAD.</i>					 <i>The convenient company</i>	 <i>Your Journey, Our Passion</i>

Extensive Manufacturing Certification

Safety & EMC & ERP



Reliability

- IP
- IK
- NEMA 4X
- UL 50E

System Certification

- ISO 9001
- ISO 14001
- ISO 20000-1
- ISO 27001
- OHSAS 18001

Industry



- CMMI5
- ERP
- EN50155
- UL 2802

Environment



Security





The Internet of Things IN RETAIL

The opportunity for IoT in retail is huge, and **getting started with a quick, high-value project is easier than you think.**

IoT is more than just the "Things" of connected devices, products or sensors. IoT can connect systems, providing unified visibility, real-time decisions, and deeper insights into customers, competition, product portfolio and performance.

BY THE NUMBERS

- 56%** of smartphone users plan to use their device while shopping
ACCENTURE
- 85%** of shoppers prefer personalized offers reflecting their past shopping behavior
SYNQUERA
- 54%** use or would like to use digital touchscreens in-store
CISCO
- 61%** would visit and do more shopping in a store with beacon marketing campaigns
SWIRL

RETAILER BENEFITS

- CARREFOUR'S BEACON-BASED MARKETING**
600% new users
400% more time spent in app
+50% conversion rates
- URBAN OUTFITTERS IN-STORE PUSH MESSAGING**
60-70% engagement rate

Shopper interacts with beacons as she walks into the store.
Connections to IoT devices using ThingWorx allow retailers to track an extra dimension of data from her visit.

More secure.
RFID tags, radio antennae, and infrared cameras track merchandise before it leaves the store.

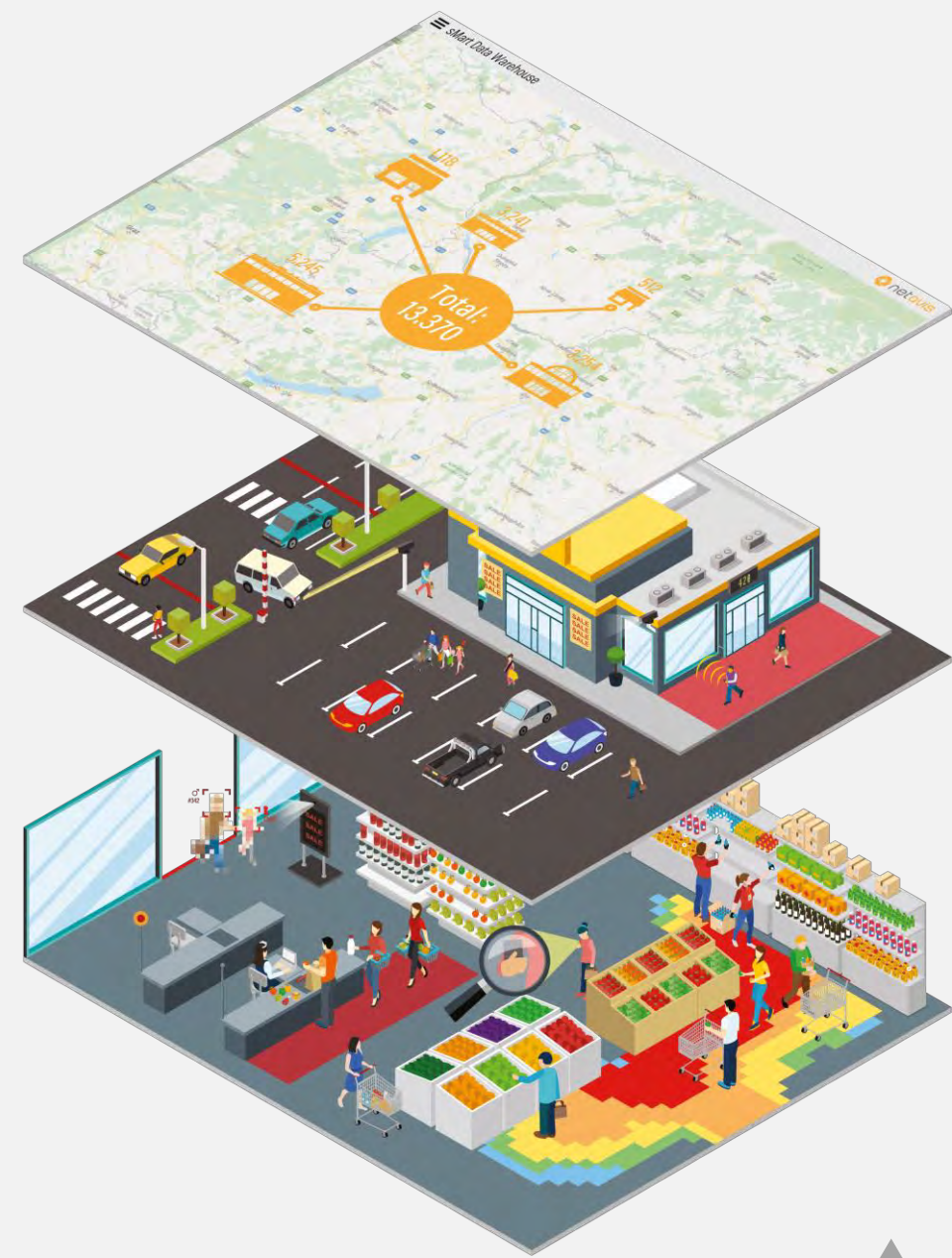
Rich, interactive experience.
Digital tags and interactive displays allow shoppers to do research and customize products.

Completely centralized information.
All IoT devices talk to each other and the CRM for instant customer feedback and retailer action.

Smartly connected mobile app experience.
Send special offers and greetings, and shoppers can scan products for competitive price checks and instant discounts.

Personalized virtual closets.
Try on new clothes with items shoppers have at home using purchase histories.

The technology is here now to create an incredible shopping experience for your customer and build huge value for retailers.



customer and build huge value for retailers
incredible shopping experience for your
the technology is here now to create an





Netavis
SMART DATA WAREHOUSE
6.0 HIGHLIGHTS





- Social Distancing AI – Released in May 2020
- AI Terminal with Fever & Access Control Released in June 2020
- Smart Security & IoT Solutions – Releasing Q2 FY2020
- Deep learning (DL) – Releasing Q3 FY2020
- 3D Facial Recognition Systems – Releasing Q3 FY2020



- Drone Detection Technologies such as Ground Radar
- VSaaS / Cloud Surveillance
- Cognitive Platforms
- Deep learning (DL) – Releasing FY2020
- Forensic video analytics as a service





High quality and precision USA, European & Global components, for high accuracy and smooth operations.



High level customer satisfaction due to high accuracy, efficiency and ease of use.



Most extensive portfolio of professional IP CCTV, fever detection & social distancing solutions using Artificial Intelligence – Thermographic Cameras with integrated Temperature & Face Recognition Terminals, Access Control Face Recognition & Temperature Detection Terminals, Touchless Wrist based Temperature Detection Terminal with Face Detection Camera and Enterprise Thermographic cameras, that are high performance and field proven.



Proven effective in real working environment with excellent results.



Excellent pre and post sales technical and engineering support.



Last but not the least, competitively priced yet high in value for excellent ROI.



Recent wins: Al Fanar Power, Saudi Broadcasting Authority, Dar Al Tahwid Hotel Haram Al Sharif Makkah, Royal Commission Yanbu, Saudi Binladen Group HQ Jeddah, KSAU Riyadh, National Guards Health Affairs - NGHA



Thank You

*Product shapes, specifications and availability are subject to change without notice.

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