# S PORTOR DE LE CONTROL DE LE C www.nordencommunication.com



- Headquarters just outside London, UK since 1998.
- The main markets serviced by Norden are Middle East, Africa and Asia.
- Current focus on UK & EU.
- Our dedicated quality assurance team operates a quality management system certified by ISO.
- NORDEN has UL, CE, FCC, ROHS, Intertek (ETL), CPR & LPCB Certification for its different products.

# NORDEN "is a Global brand known for Connectivity & Security Solutions Innovation"





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-3



### Global Presence, Local Touch





Pre – Sale Support



Sales and Bid Assistance

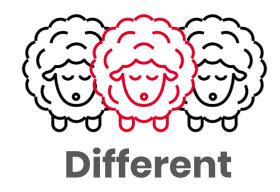






# As a brand, we have a choice









### Relevant Standards

- · ISO/IEC
- · TIA/EIA
- CE, FCC
- ROHS
- UL, CPR (Euro Class)
- LPCB & Intertek (ETL)

































# Global Manufacturing Bases





# Global Coverage



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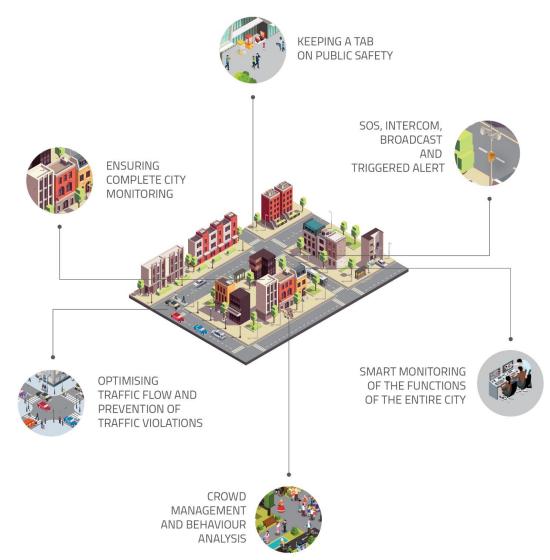


# Safe City Solutions





# Solution Diagram



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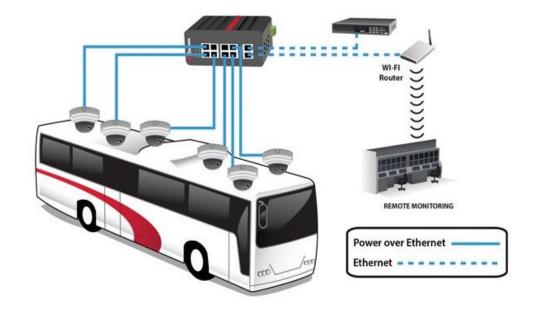


# City Surveillance: Vehicle Insights

Vehicle Cameras in public buses helps to detect the crime and accidents (vandalism, pickpocketing, traffic incidents) Irregular driving behaviour (fatigue driving, over-speed, sharp turn, rapid acceleration, idling).

Mobile NVR equipped with GPS-sensor inside the bus is able to detect vehicle collision or crash accident and push an alarm to notify the control centre.

Getting updates and alerts on bus location, direction, speed so that control centre can assist driver immediately with audio if an abnormal situation happens.





**Ensuring Urban Safety** 

- FRS Face Recognition System
- Crowd Detection





# Intelligent Traffic Management System

- ANPR Automatic Number Plate Recognition
- SVDS Speed Violation Detection System
- VIDS Video Incident Detection System
- ATCC Automatic Traffic Counting & Classification





# Smart Urban Communication Infrastructure

- Auto triggered announcements
- Text to speech
- Live and Pre-recorded voice announcement
- Seamless managing public communication and safety
- Emergency notification alerting





Bullet Camera featuring 5-50mm Lens for ANPR Application

and Surveillance

Bullet camera featuring 5-50mm lens with 100 IR is vandal-resistant and can be mainly used for ANPR Applications.

- 2MP/4MP/5MP/8MP
- 5 to 50mm lens
- Up to 100m IR
- Quad Stream
- IP67, IK10





# PTZ Camera With 60 fps for High-Speed Surveillance

PTZ with 60fps and featuring up to 63X Optical Zoom, 800m IR , Auto Tracking & triple Stream Support

- 2MP @ 60fps
- 63X Optical Zoom
- Up to 800m Laser Support
- Triple Stream
- Smart Analytics
- IP67, PoE++





Vehicle Camara for Over the top Surveillance

- 2mp Resolution
- Up to 120m IR Support
- IP67 Support





Explosion Proof
Camera With
Thermal Camera

- 400x300/640x512 Thermal Resolution
- 2MP/4MP/5MP Optical resolution
- 33X Optical zoom
- ATEX Certified
- IP68





# Passive Infrastructure for Safe Cities

- Norden offers a wide range of products, including data cables, data cabinets, building and industrial cables, fire cables, and intelligent solutions.
- Plenum and Riser rated cables, Copper Solutions, building management solution cables, and Fiber Solutions are all available within the building environment.
- To transmit data to homes, we employ broadband internet connection technologies, including FTTH (Fiber to the Home).
- We also offer CPR and LSZH cables that feature halogen-free materials, exhibiting exceptional behavior, particularly in the event of a fire.



MTP / MPO TRUNK CABLE



HYBRID HIGH-DENSITY MODULAR FIXED PANEL



HYBRID HIGH-DENSITY MODULAR FIXED PANEL



**INTELLIGENT PDU** 



### **AIM Solution**

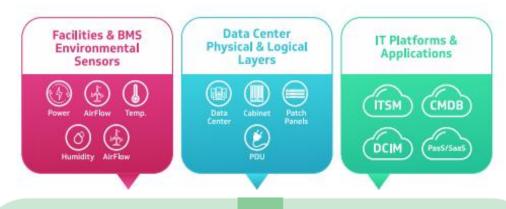
AIM offers a real-time solution that seamlessly integrates infrastructure and network into a single platform, while also fully automating and optimizing daily operations.

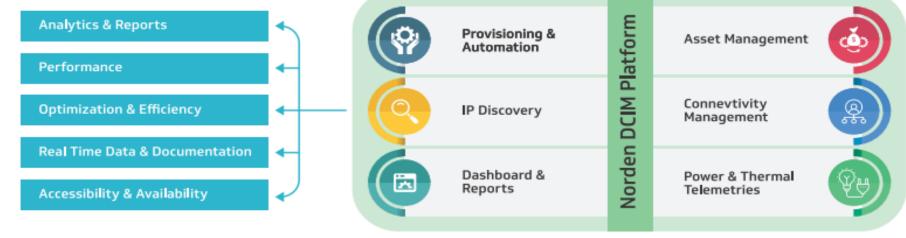
This is achieved through the utilization of Connection Point Identification (CPID) technology, which involves assigning unique ID numbers to connectors or patch cord components. Consequently, any port can be transformed into a smart port.

It has added security features, such as the ability to upload the IP address, MAC address, model number, and location of each individual device. This enables the system to identify any attempt to replace an active device connected to our AIM software. We can also update the warranty; receive notifications about the warranty duration; and can add device locations in Google Maps.



### **AIM Solution**







# **Any Questions?**

### **THANK YOU**

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