



LTS LINK



SECURITY SOLUTIONS FOR FACTORIES

INTRO

Factories, with their personnel, assets, and machinery, face complex challenges like theft, fire hazards, security breaches, workplace injuries, and more.

To ensure efficient and safe production, LTS offers multi-layered security solutions, including AI-powered video surveillance, touch-free access control, and more. Explore our featured security products tailored for factory scenarios and LTS case studies.

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RISKS & TRENDS IN FACTORY SECURITY

CHALLENGES

Security challenges in factories encompass a wide spectrum of threats, including internal breaches and incidents, theft, sabotage, and workplace violence.

- **Internal Breaches & Incidents:** Third-party contractors, insufficient training, or unsafe operations can lead to security breaches and incidents such as fire disasters, workplace injuries, or even fatalities.
- **Theft & Sabotage:** Cargo theft surged by 59% YoY in the US and Canada in 2023, which not only caused financial losses but also significantly disrupted production.
- **Workplace Violence:** In high-pressure factory environments, the potential for conflict may escalate into violence. Globally, incidents of violence in the workplace affect about 23% of all employees.



TRENDS

The industrial security system market is projected to reach US\$ 55.9 billion by 2024, with a forecasted CAGR of 7.5% from 2024 to 2034, reaching US\$ 115 billion by 2034.

Demand for integrated security systems in vulnerable sectors like factories is surging, from intrusion prevention and perimeter security to access control and fire alarms.

- **Access Control:** Door intercoms with multiple authentication methods like facial recognition, key cards, and mobile apps enhance the first line of defense for workplace safety while monitoring entries and exits.
- **Video Surveillance:** AI-powered security cameras with technologies such as Active Deterrence, License Plate Recognition (LPR), and Smart Tracking offer proactive and efficient solutions for addressing common threats like violence, theft, vandalism, and trespassing.

A multi-layered defense approach, integrating physical, procedural, and digital measures, is essential to safeguard manufacturing assets and enhance overall security.

Reference: [GlobeNewswire](#)



HOLISTIC SOLUTIONS FOR FACTORIES

Nowadays, factories require multi-layered security systems to cover every area of operation, protecting employees while maintaining production efficiency. LTS offers cost-effective ways for safe production and property protection.



LTK3410MF

Face Recognition Terminal for access & attendance management

CMIP7C43W-SDZ

Color 24/7 Vari-focal Dome for monitoring operations

CMIP3C8PW-SDL

Color 24/7 Panoramic Camera to cover wide indoor areas

CMIP3T22W1-2M

Thermal Turret for fire detection

LTN8932-P16N

32-Channel 8K NVR for video analytics



Workshop

Security Room

Warehouse

Perimeter

Entrance / Exit

CMIP9C42WI-28MD

Hybrid Illumination Bullet for Color 24/7 on demand

PTZIP778NW-X25IR

4K Active Deterrence PTZ to ward off intruders

CMIP7943WLPR-32R

LPR camera for vehicle management and records

CMIP3C42WI-28MDA

Hybrid Illumination Turret



PTZ FOR LARGE VENUES

FEATURED

LTS PTZ cameras, featuring cutting-edge technologies like Active Deterrence, Smart Tracking, and Face Detection, offer optimal security solutions tailored for expansive venues like industrial parks, office buildings, and parking lots.

Dual Lens Color 24/7 PTZ ([PTZIP4C44W-X25IR](#))

- Combines the Color 24/7 fixed lens and IR 25x optical zoom lens into one unit
- Superior performance at night, even in extremely dim light
- Smart tracking for moving objects while monitoring large areas concurrently

4K PTZ with Active Deterrence ([PTZIP778NW-X25IR](#))

- 4K PTZ with superior clarity and 25x optical zoom for details
- Smart Tracking to detect & track moving objects in real time
- MD 2.0 human & vehicle classification for alarm efficiency
- Active Deterrence with built-in siren and strobe light
- Face Capture that can detect up to 5 faces simultaneously



ENHANCED SECURITY AT A FOOD FACTORY

CASE STUDY

Background: A leading food manufacturing company expanded its factory in Pennsylvania to three buildings, totaling 990,000 sq ft. They needed an upgraded security system to ensure comprehensive coverage and protection.

Solution: LTS proposed a comprehensive solution tailored to their needs. This included Active Deterrence [PTZ](#) cameras for proactive security measures, [LPR](#) cameras to authenticate vehicle access, Hybrid Illumination [bullet](#) cameras for versatile outdoor monitoring, Color 24/7 Varifocal [dome](#) for monitoring of operations, [Panoramic](#) cameras for wide-area coverage, and the 89-Series 32 channel [NVRs](#) for synchronized live-view and playback.

Result: The solution ensures the safety and security of the premises, assets, and personnel. The food factory now benefits from uninterrupted 24/7 surveillance monitoring indoors and outdoors.



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