ANIXTER.

Products. Technology. Services. Delivered Globally.

PERIMETER SECURITY
SOLUTIONS

THE ANIXTER DIFFERENCE

Perimeter protection is a critical security issue for many industries today. Whether protecting critical infrastructure or commercial assets from theft, attack or sabotage, a robust perimeter security solution is a necessary first layer of defense. For industries looking to reduce their vulnerabilities, prevent loss of revenue and comply with government regulations, knowledge of the latest products, applications and emerging technologies is crucial. Because Anixter helps customers select the best products and services for their unique applications, businesses can better meet their perimeter security needs.
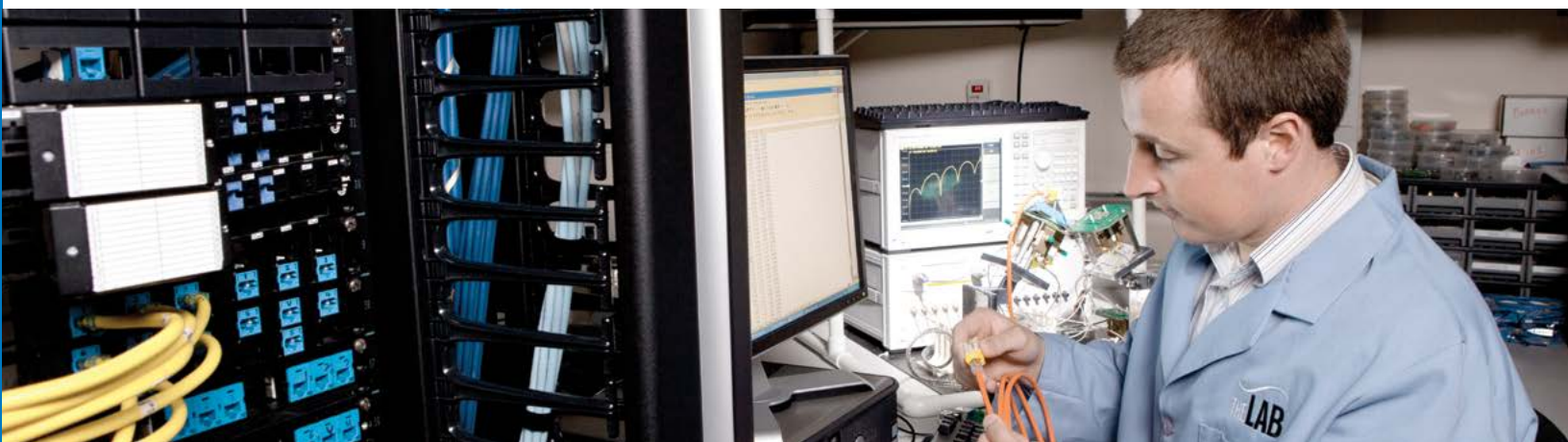
ANIXTER

OUR TECHNICAL EXPERTISE

> Anixter is dedicated to keeping customers current on the latest products, applications, standards and emerging technologies in the security industry.

THE **LAB**
ANIXTER'S INFRASTRUCTURE SOLUTIONS LAB

TSG ANIXTER Technology Solutions Group℠

ANIXTER UNIVERSITY • FOUNDED 2007 • GLENVIEW, ILLINOIS • USA

- Infrastructure Solutions Lab℠ with end-to-end testing and performance reports
- Compatibility testing to confirm interoperability of products

- Technical knowledge of complete systems for surveillance and access control
- Deep understanding of IT and telecommunications standards

- Local technical support with regional security managers and local networking and security experts
- Training and educational opportunities through Anixter University℠
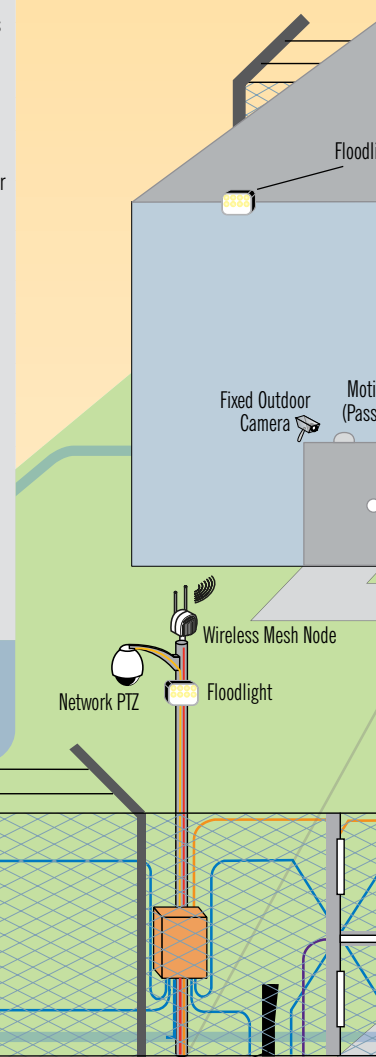

SUPPLY CHAIN SOLUTIONS

Anixter can develop a customized supply chain program to help take costs out of your business while maximizing efficiency for your perimeter security needs.

READY!℠ Deployment Services map our distribution and Supply Chain Solutions to the construction or deployment process of any technology project. We combine sourcing, inventory management, kitting, labeling, packaging and deployment services to simplify and address material management challenges at the job site(s). READY! Deployment Services by Anixter help customers improve the speed to deployment, lower total cost of deployment and deliver product specifications as planned.

READY.
DEPLOYMENT SERVICES
BY ANIXTER

Products. Technology. Services. Delivered Globally.

PERIMETER SECURITY SOLUTIONS

Products	Analog System		Hybrid Analog/IP System		IP System	
Security System	• Analog cameras • DVR		• Analog cameras • DVR or NVR	• Video encoders • Network switch	• IP cameras • NVR software	• Network switch • Server

Components to Complete Bill of Materials	**Physical Infrastructure**
	• Coax cable & connectors
	• 18/2 power cable
	• PTZ control cable
	• Racks/cabinets
	
	Camera Components
	• Outdoor housing, mount
	• IR illuminator
	• Power supplies
	• Surge protection
	
	Electronic Access Control (EAC)
	• Multiconductor cables
	• Software/controller
	• Readers
	• Credentials
	• Door devices
	• Power supply
	• Sensors
	• Outdoor-rated enclosure/
	  cabinet
	
	Electrical
	• Building wire
	• Conduit, fittings
	• Control cable
	• Ground wire
			Physical Infrastructure
			• Coax cable & connectors
			• 18/2 power cable
			• PTZ control cable
			• Fiber cabling
			
			Camera Components
			• Outdoor housing, mount
			• IR illuminator
			• Power supply
			• Surge protection
			
			Electronic Access Control (EAC)
			• Multiconductor cables
			• Software/controller
			• Readers
			• Credentials
			• Door devices
			• Power supply
			• Sensors
			• Outdoor-rated enclosure/
			  cabinet
			
			Electrical
			• Building wire
			• Conduit, fittings
			• Control cable
			• Ground wire
				• Cat 6/6A cable
				• Wireless radios/nodes
				• Racks/cabinets
				
				• Media converter
					Physical Infrastructure
					• 18/2 power cable
					• Fiber cabling
					• Cat 6/6A cable
					• Wireless radios/nodes
					
					Camera Components
					• Outdoor housing, mount
					• IR illuminator
					• Power supply
					• Surge protection
					
					Electronic Access Control (EAC)
					• Multiconductor cables
					• Software/controller
					• Readers
					• Credentials
					• Door devices
					• Power supply
					• Sensors
					• Outdoor-rated enclosure/
					  cabinet
					
					Electrical
					• Building wire
					• Conduit, fittings
					• Control cable
					• Ground wire
						• Racks/cabinets
						
						• PoE injector
						• Media converter

READY DEPLOYMENT SERVICES BY ANIXTER

READY CABINET BY ANIXTER · READY CAMERA BY ANIXTER · READY KIT BY ANIXTER · READY SITE BY ANIXTER · READY TO INSTALL BY ANIXTER · READY TOWER BY ANIXTER

Floodlight

Fixed Outdoor Camera

Motion (Passive)

Wireless Mesh Node

Network PTZ   Floodlight

Motion Detector (Photoelectric beam)

Intercom and Card Reader
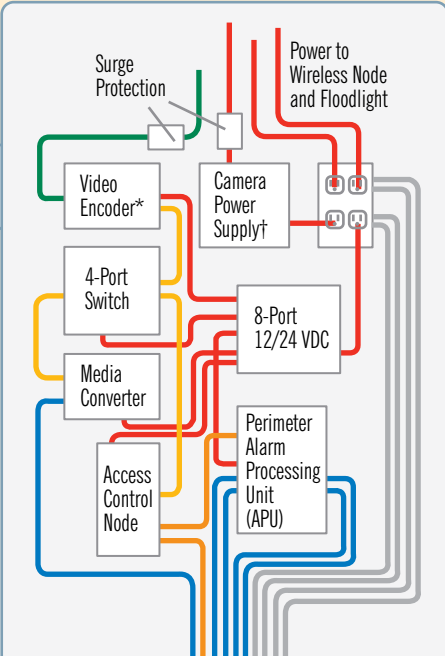
BENEFITS OF AN IP VIDEO SURVEILLANCE SYSTEM

- Life-cycle costs: Utilizes more cost-efficient infrastructures. Twisted-pair infrastructures are cost effective, well understood and easy to manage.
- Network convergence: Only one type of network (IP) supports the enterprise for data, video and voice applications, making management more efficient and cost effective.
- Systems integration: IP video surveillance technology provides an open platform for integrating with other security systems such as access control.

- Scalability: IP video surveillance scales from one camera to thousands.
- Remote accessibility: Any video stream, live or recorded, can be accessed and controlled from any location in the world over wired or wireless network connections.
- Intelligence at camera level: Motion detection, event handling, sensor input, relay output, time and date, and other built-in capabilities, such as local file storage, allow the camera to make intelligent decisions (e.g., when to send alarms, when to send video, what frame rate to use).

Wireless Mesh Node
(Optional/redundant transmission)

Network PTZ

Floodlight

Outdoor Enclosure with Hardened Electronics (Power, Ethernet and processing)

Day/Night Fixed Cameras with IR Illuminators

Wireless Mesh Node (Wired receiver)

...ights

PTZ

...on Detector
...sive infrared)

Biometric Reader

Buried Fiber Ring
(Video and data to command center)

Building Wire in Conduit
(Devices can be on separate circuits for improved redundancy)

Fiber Optic Sensing Cable (Fence)

Buried Fiber Ring
(Video and data to command center)

Wireless Mesh Node

Analog PTZ

Floodlight

Gate Status Sensor

Gate Controller

Network PTZ   Floodlight

License Plate Capture Camera

Control Cable (Gate)

Motion Detector
(Photoelectric beam)

Fiber Optic Sensing Cable (Buried)

Secured Outdoor Enclosure Housing Electronic Components

Cable Legend

⬤	Fiber
⬤	Cat 6A
⬤	Coax
⬤	16-22 AWG Multiconductor
⬤	18/2 Power Cable
⬤	Building Wire
⬤	Control Cable

Outdoor Enclosure for Electronic Components

Surge Protection

Power to Wireless Node and Floodlight

Video Encoder*

Camera Power Supply†

4-Port Switch

8-Port 12/24 VDC

Media Converter

Access Control Node

Perimeter Alarm Processing Unit (APU)

* If using a network camera, no encoder is needed.
† If using a network camera, PoE from switch is available.

PERIMETER SECURITY PRODUCTS AND MANUFACTURER PARTNERS

⦿ ACCESS CONTROL AND PERIMETER SENSING HARDWARE

Biometrics
- Bioscrypt/Morpho
- Schlage Recognition Systems

Cards and Readers
- Bosch Security Systems
- HID Global
- Ingersoll Rand Security Technologies (IR)

Contacts/Gate Status Sensors
- Bosch Security Systems
- Interlogix (GE Security)

Control Panels
- Bosch Security Systems
- Gallagher
- Infinias
- Ingersoll Rand Security Technologies

Gate Operators
- HySecurity

Intercom
- Aiphone
- Bogen
- Gai-Tronics
- Valcom
- Viking Electronics

Motion Detectors
- Bosch Security Systems
- Interlogix (GE Security)

NEMA Enclosures
- Hoffman

Perimeter Sensing
- Fiber SenSys
- Gallagher

Power Supplies and Batteries
- Altronix
- EnerSys

Strikes, Locks and RTEs
- HES (ASSA ABLOY)
- Ingersoll Rand Security Technologies
- Schlage Electronics (IR)
- Securitron (ASSA ABLOY)
- Von Duprin (IR)

Surge Suppression
- Ditek
- ITW Linx

⦿ VIDEO SURVEILLANCE EQUIPMENT

CAMERAS
- Arecont
- Axis Communications
- Bosch Security Systems
- FLIR
- Interlogix (GE Security)
- IQinVision
- Pelco
- Samsung
- Sony
- Speco Technologies
- Verint

FIBER AND COPPER TRANSMISSION SYSTEMS
- ComNet
- IFS

IR ILLUMINATORS
- Bosch Security Systems

LENSES
- Immervision
- Fujinon
- Tamron

MEDIA CONVERTERS
- Corning Cable Systems
- Transition Networks

MOUNTS AND ENCLOSURES
- Dotworkz
- Hoffman
- Videolarm

SURGE PROTECTION
- Ditek
- ITW Linx

SWITCHES
- ADTRAN
- GarrettCom
- Hirschmann
- Transition Networks

TRANSFORMERS, POWER SUPPLIES AND POE
- Altronix
- PowerDsine

VIDEO MANAGEMENT/ VR SOFTWARE
- Bosch Security Systems
- Exacq Technologies
- Milestone
- OnSSI
- Pelco
- Verint

VIDEO STORAGE, VIDEO APPLIANCES AND SERVERS
- HP (BCD Video)
- Exacq Technologies
- Intransa

WIRELESS TRANSMISSION SYSTEMS
- Firetide
- Verint Video Solutions

⦿ PHYSICAL INFRASTRUCTURE

ACCESS CONTROL CABLES
- Belden
- Coleman
- General
- Tappan
- West Penn

BUILDING WIRE
- AIW
- Cerro
- Republic
- Southwire

COAX
- Belden
- Coleman
- CommScope
- Tappan
- West Penn

CONTROL CABLE
- AIW
- Nexans
- Southwire
- General Cable

COPPER AND FIBER CABLING AND CONNECTIVITY
- Belden
- Berk-Tek
- CommScope
- Corning Cable Systems
- Legrand/Ortronics
- Panduit
- TE
- Superior Essex
- Leviton

RACKS, CABINETS AND SECURITY CONSOLES
- Belden
- Hoffman
- Middle Atlantic

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**The Right
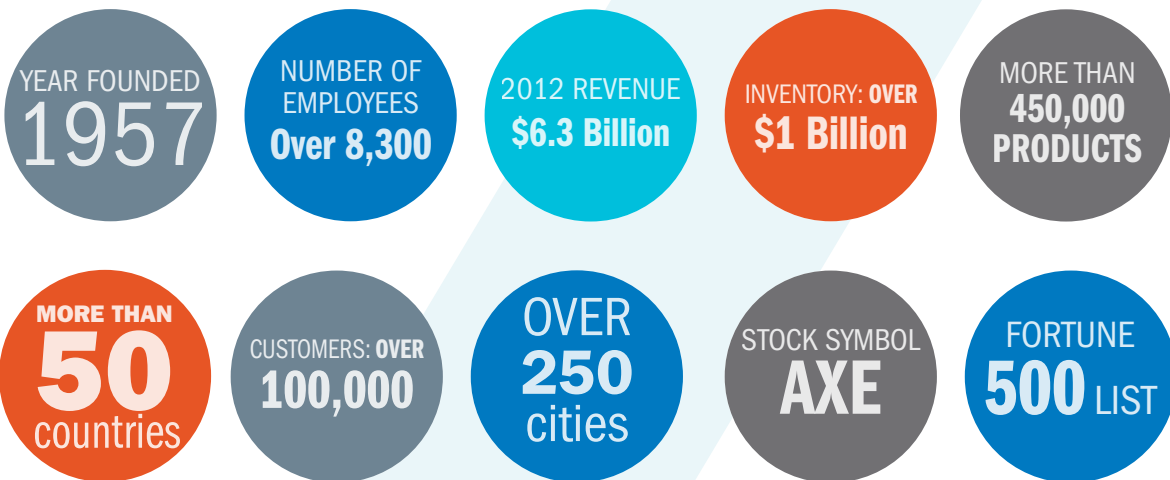Products Where
and When You
Need Them.**

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Anixter Association and Committee Memberships

· Telecommunications Industry Association (TIA)
· International Organization
  for Standardization (ISO)
· Institute of Electrical & Electronics
  Engineers (IEEE)
· ONVIF
· Building Industry Consulting Services
  International (BICSI)
· Security Industry Association (SIA)
· Control Systems Integrators Association (CSIA)

Technical Certifications

· ASIS CPP
  (Certified Protection Professional)
· More than 90 Registered
  BICSI RCDDs
· PSPs (Physical Security
  Professional Certification)
· CCNAs (Cisco Certified
  Network Associate)

■ **ANIXTER PRESENCE**

YEAR FOUNDED
1957

NUMBER OF EMPLOYEES
Over 8,300

2012 REVENUE
$6.3 Billion

INVENTORY: **OVER**
$1 Billion

MORE THAN
450,000 PRODUCTS

MORE THAN 50 countries

CUSTOMERS: **OVER**
100,000

OVER **250** cities

STOCK SYMBOL
AXE

FORTUNE **500** LIST

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Legal Statement: anixter.com/legalstatement

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