



Comprehensive Parking Facility Solutions



Ingenuity delivered.

Ingenuity delivered.



Smarter Parking Solutions for Parking Lots and Structures

A well-planned parking facility incorporates technology for safety and security while providing a smart environment in which people who gather for work or recreation can confidently leave vehicles to go about their lives. With more than one billion passenger cars in operation, parking needs have evolved from simple considerations to an absolute necessity.

“More technologies are on the rise to further shape the future of parking, and technologies will be an essential factor in urban development.” [1]

When it comes to parking facilities, there are numerous factors to be examined with the list below simply scratching the surface:

- How to address safety, security and facility access
- How to ensure proper lighting and communications
- How to enable IoT in these remote environments
- How to leverage data to optimize operations and maximize value

Footnotes

[1] OperationsCommander, 2021

Market Trends

Current Industry Drivers in the Parking Facilities Environment

It is estimated that over 1 billion passenger cars travel the streets and roads of the world today.[2]

68% of land in cities is devoted to parking spaces today.[3]

The average car spends 95% of its time parked. [4]

Technology is a necessity for a parking facility's infrastructure, but it can also be leveraged to transform the way people park. Developers, owners and operators can significantly improve customer experience while increasing ROI by reducing the parking footprint, utilizing the space for revenue generation or repurposing space for what might be more important to the business. Deploying IoT-enabled devices in parking facilities not only gives you more visibility into the environment but it can assist in parking allocation, occupancy and management as well.

Wesco Solutions

Our customer-centered approach to parking facilities solutions is designed to ensure the security, safety and efficiencies that modern lots and structures require and drivers demand. Our expertise and insights help you to work smarter with tailored, tangible solutions that transform the way you do business, and in turn, the way people work and live.

Footnotes

[2] Worldometer, 2022

[3] Spot Parking, 2021

[4] Spot Parking, 2021

Challenges and Considerations

Extended Distances: With the increasing size of parking facilities, solutions with extended distance capabilities are often required. Extended distance solutions solve network problems by distributing connectivity and power to remote locations at the edge of parking lots and structures. Both hybrid cable and wireless solutions can provide a robust network infrastructure for today while allowing for future capacity requirements.

Perimeter Protection: Many parking lots and structures are secured facilities that are required to protect people, vehicles and revenue. A secure perimeter layer integrating access control, security gates and IP cameras, paired with communications technologies such as digital signage, intercoms, paging and emergency phones can all help secure the parking facility and provide a safe environment for all.

Energy Solutions: Sustainable energy solutions are a top priority for many organizations, but the appeal of parking facilities as the venue for environmental stewardship is often overlooked. Solar power generation via panels and canopies within parking facilities is an ideal environment for these solutions, as land is repurposed without degrading the biological value.

A well-lit parking structure is a necessity for both safety and security. LED lighting provides lower power consumption while delivering intelligence and management capabilities beyond traditional lighting.

Electric vehicle (EV) charging stations not only support clean energy vehicles and green business initiatives by reducing carbon footprints, owners can boost occupancy rates, increase revenue and attract new clients by providing EV charging.

Comprehensive Parking Facilities Capabilities

Energy Solutions

- Lighting
- EV charging
- Solar
- Sensors

Physical Security

- Video surveillance
- Access control
- Emergency call stations
- Intercoms, sound and paging
- Kiosks
- Digital signage

Wireless Technologies

- Wi-Fi
- Point-to-point
- Point-to-multipoint
- Distributed antenna systems

IoT/IIoT Solutions

- Utility Grade Infrastructure
- Infrastructure
- Lding automation & control
- Sensors & monitoring
- Servers & gateways
- SaaS
- Analytics

Network Infrastructure

- Cooper cabling
- Optical fiber cabling
- Hybrid cable (power and fiber)
- Enclosures
- Network switches
- Power over Ethernet (PoE) injectors
- Uninterruptible power supplies

Safety

- Eye protection
- Hand protection
- High-visibility vests
- Outerwear
- Ergonomics
- First Aid
- Traffic cones and barricades
- Janitorial
- Fire safety
- Signage
- Tools and equipment

For more information on extended distances, perimeter protection and energy solutions, visit: anixter.com/solutions/parking

Products

Impactful solutions and nearly 1.5 million products to keep business running smoothly and advance our world

Relationship

A blue chip customer and supplier base, built on experience, value and trust

Reach

18,000+ professionals in more than 50 countries to serve you no matter where you are

Services

Technical expertise and specialized services, enabling inventive supply chain solutions

Innovation

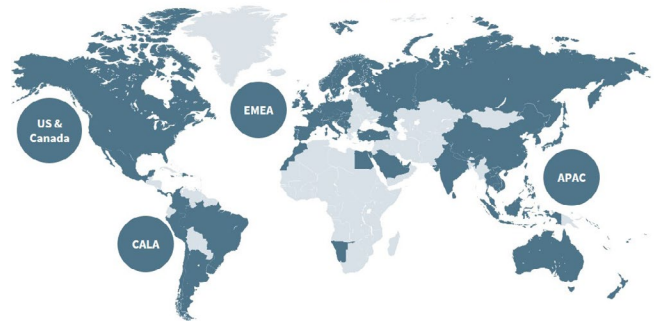
Investment in innovation to deliver new emerging technologies and digital applications

Financial Stability

A Fortune 500 company with the ability to operate under the most challenging economic conditions

Solutions for a Changing World

You drive productivity and progress. We power the path forward. As a leading global supply chain solutions provider, we use inspiration to drive innovation. Every day we seek out opportunities to deliver creative approaches that help build, connect, power and protect our world.



Learn how we can power your results, Wesco.com.



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