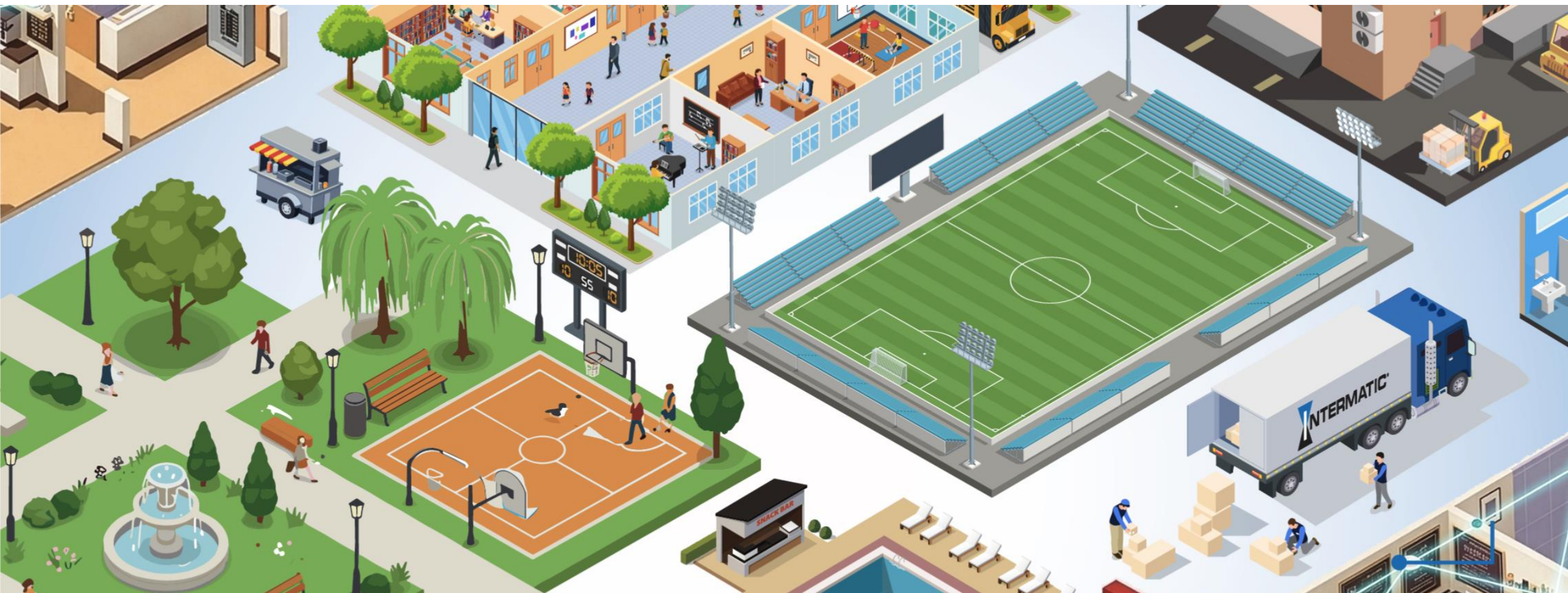


2026 Applications Guide

Real-World Energy Control and Power Protection Solutions



About This Guide



Download this Guide (PDF)

- This guide was **designed for everyone**, from contractors and distributors to facilities managers and mom-and-pop operators.
- Each example draws on **real-world best practices** for incorporating Intermatic energy control and power protection solutions.
- Use it to **get ideas** to promote energy savings, streamline schedules, and reduce long-term maintenance needs when starting your next project!



APPLICATION: FAST CASUAL RESTAURANT

Promote safety, comfort, and convenience while keeping business needs front and center

Example: “Big Time Fried Chicken”



2,100 sq. ft. fast casual restaurant



\$450,000 in monthly revenue



Standalone building with 24 parking spaces



900 locations nationwide





BIG TIME FRIED CHICKEN

ST01/EI2000 IN-WALL CONTROLS (ENTRANCEWAY LIGHTING + SIGNAGE)

- Allows for complete control with programmable schedules



LOW-PROFILE WEATHERPROOF COVERS (ENTRANCEWAY LIGHTS + SIGNAGE)

- Streamlined design, modern aesthetic
- Year-round functionality

ARISTA® LIGHTING CONTROL SYSTEM (INDOOR LIGHTING)

- Dynamic daily lighting schedules
- Adjustable light levels based on natural light
- Code Compliant



PANELGUARD® (SURGE PROTECTION)

- Protect POS systems, Expensive Kitchen Equipment (Fryers, Walk-In Coolers) From Power Surges

DIE-CAST WEATHERPROOF COVERS (KITCHEN PREP AREAS)

- Protects receptacles in wet or splash-prone kitchen areas
- Ideal near prep sinks, cook line equipment, and washdown zones
- Provides code-compliant outlet protection



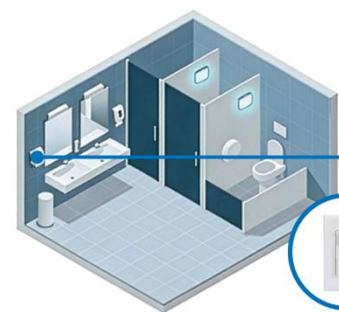
EK SERIES PHOTOCONTROLS (PARKING LOT LIGHTING)

- Reliable Dusk-To-Dawn Control
- Long-Term Performance



LIGHTING CONTRACTOR BOX (OUTDOOR LIGHTING CONTROL)

- Control Outdoor Lights and Irrigation
- Pair with Intermatic photocontrols and manual switches



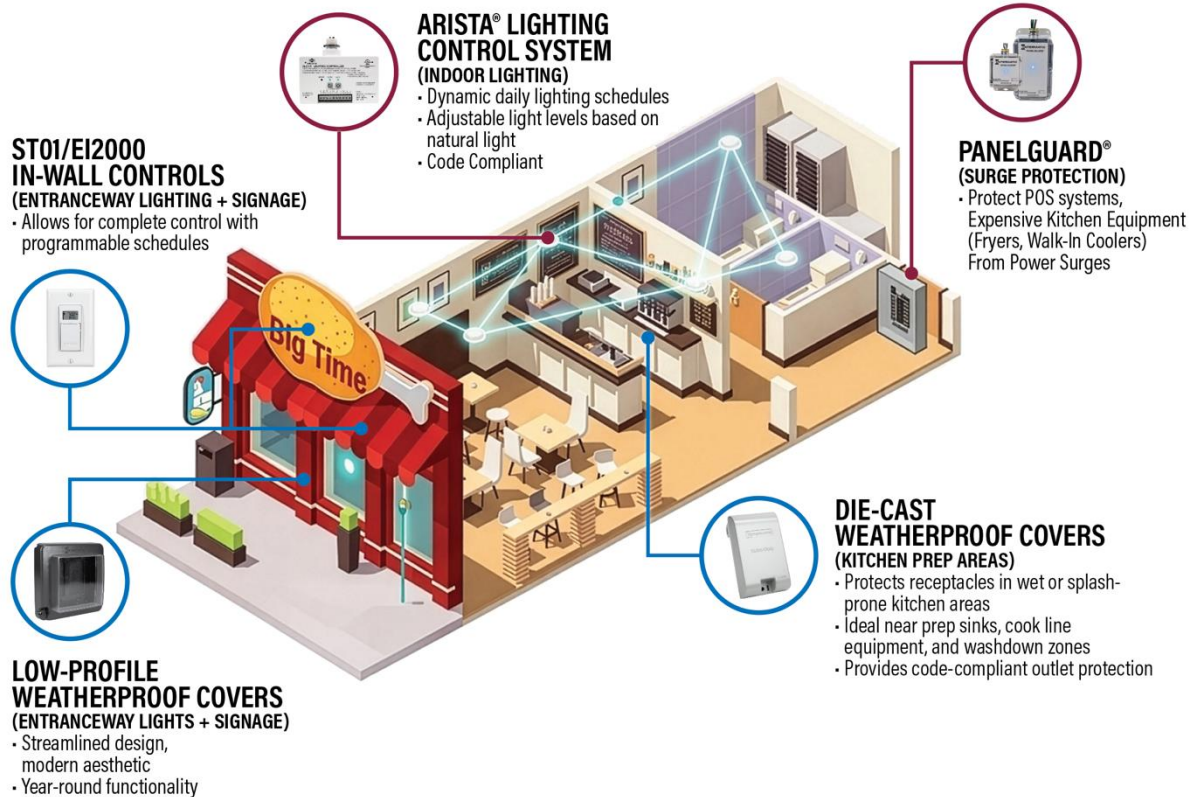
PIR OCCUPANCY SENSORS (BATHROOM / OFFICE / SUPPLY CLOSET LIGHTING)

- Energy Savings



Recommended Solutions

Entranceways + Interior Spaces



Base Recommendations

- **Weatherproof Covers** ensure code compliance inside and out while improving curb appeal
- **In-Wall Controls** keep signage and entranceway lights on schedule, creating a welcoming environment for guests

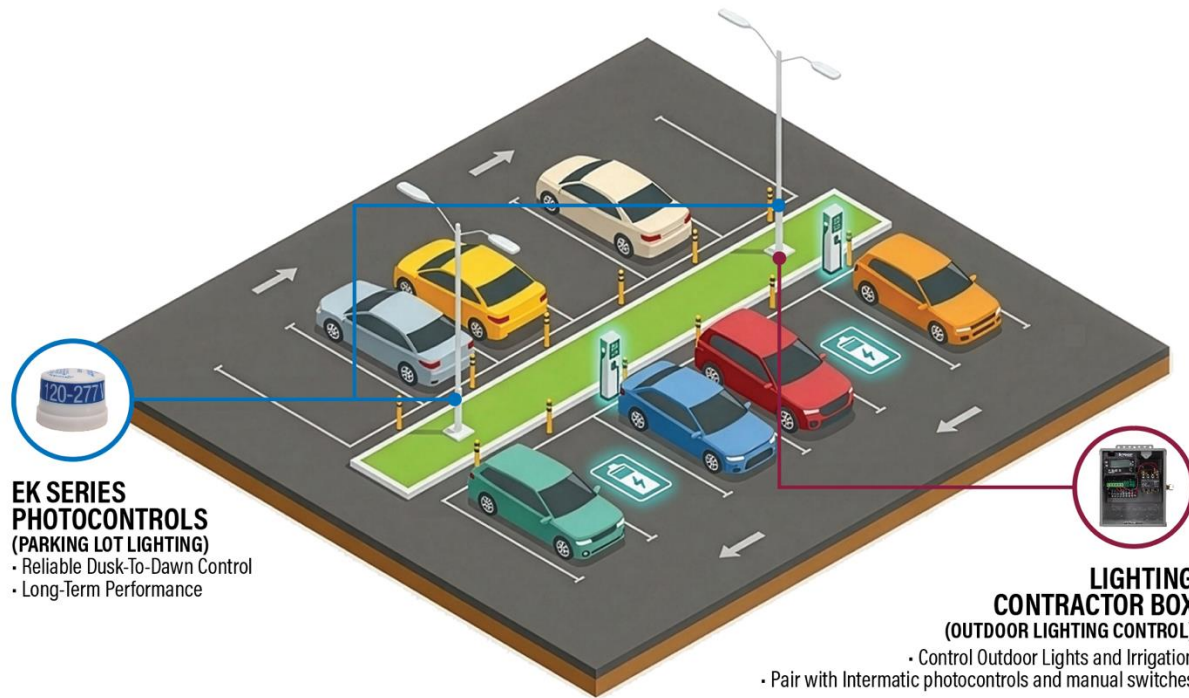
Advanced Recommendations

- **ARISTA® Advance Lighting Controls** create a modern, energy-efficient environment with dimming and daylight harvesting options
- **PANELGUARD SPDs** protect expensive kitchen equipment and POS systems from harmful power surge events that can lead to downtime/closures



Recommended Solutions

Parking Lots



**EK SERIES
PHOTOCONTROLS
(PARKING LOT LIGHTING)**
• Reliable Dusk-To-Dawn Control
• Long-Term Performance

**LIGHTING
CONTRACTOR BOX
(OUTDOOR LIGHTING CONTROL)**
• Control Outdoor Lights and Irrigation
• Pair with Intermatic photocontrols and manual switches

Base Recommendation

- **EK Series Photocontrols** provide reliable dusk-to-dawn control to enhance safety and optimize energy efficiency (LED compatible)

Advanced Recommendation

- **Lighting Contractor Boxes** let operators create daily ON/OFF schedules for parking lot lights, entranceway lights, signage, and more



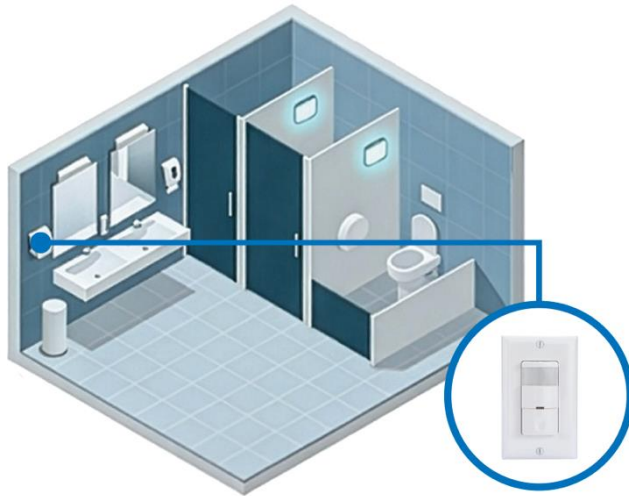
Recommended Solutions

Bathrooms, Offices, and Limited-Use Spaces



Base Recommendation

- **Occupancy Sensors** automate lighting and promote energy savings in bathrooms, supply closets, offices, and other limited-use spaces
 - Note: Basic PIR occupancy sensors are a great choice for single-person washrooms, whereas Dual-Tech occupancy sensors are better suited for bathrooms with multiple stalls



PIR OCCUPANCY SENSORS
(BATHROOM / OFFICE / SUPPLY
CLOSET LIGHTING)
• Energy Savings



APPLICATION:

MIDDLE SCHOOL (K-12 EDUCATION)

Help administrators reduce maintenance needs, manage fluctuating schedules, and protect resources over the long haul

Example: “Yellow Dial Academy”



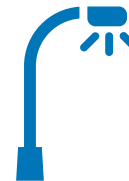
Suburban middle school
with 800 students



Primary buildings were
built in 1978 with minimal
upgrades



One on-site
maintenance/facilities
manager



Installed LED fixtures, but
have not upgraded
photocontrols or time switches





LOW-PROFILE WEATHERPROOF COVERS (OUTDOOR RECEPTACLES)

- Streamlined design, modern aesthetic
- Year-round functionality



ST01/EI2000 IN-WALL CONTROLS (ENTRANCEWAY LIGHTING)

- Allows for complete control with programmable schedules



ETW SERIES SMART WI-FI TIMER (INDOOR/OUTDOOR LIGHTING)

- Create daily ON/OFF schedules
- Manage schedules manually for special events

ARISTA® LIGHTING CONTROL SYSTEM (INDOOR LIGHTING)

- Dynamic daily lighting schedules
- Adjustable light levels based on natural light
- Code Compliant



PANELGUARD® (SURGE PROTECTION)

- Computer and Communication Systems, Cafeteria Equipment, Gymnasium



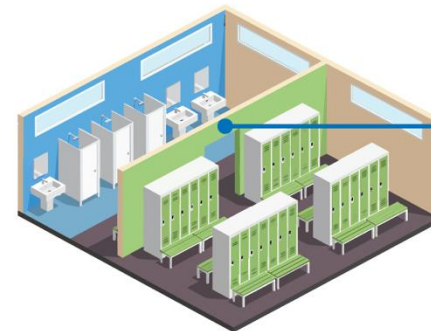
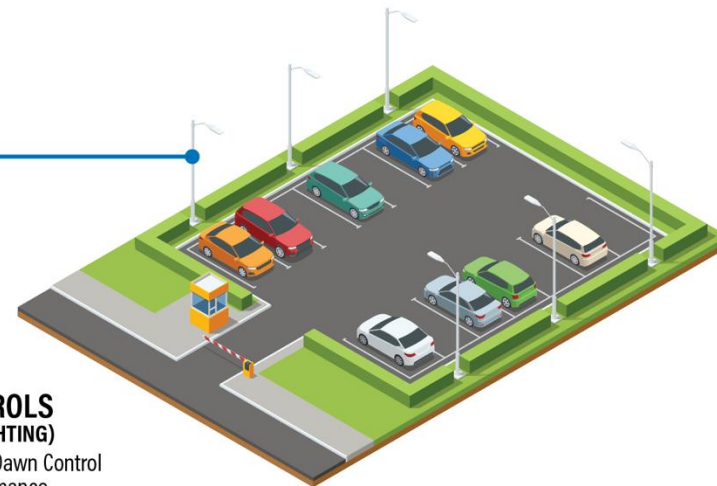
PIR OCCUPANCY SENSORS (MEETING ROOMS / LIMITED-USE SPACES)

- Energy Savings



EK SERIES PHOTOCONTROLS (PARKING LOT LIGHTING)

- Reliable Dusk-To-Dawn Control
- Long-Term Performance



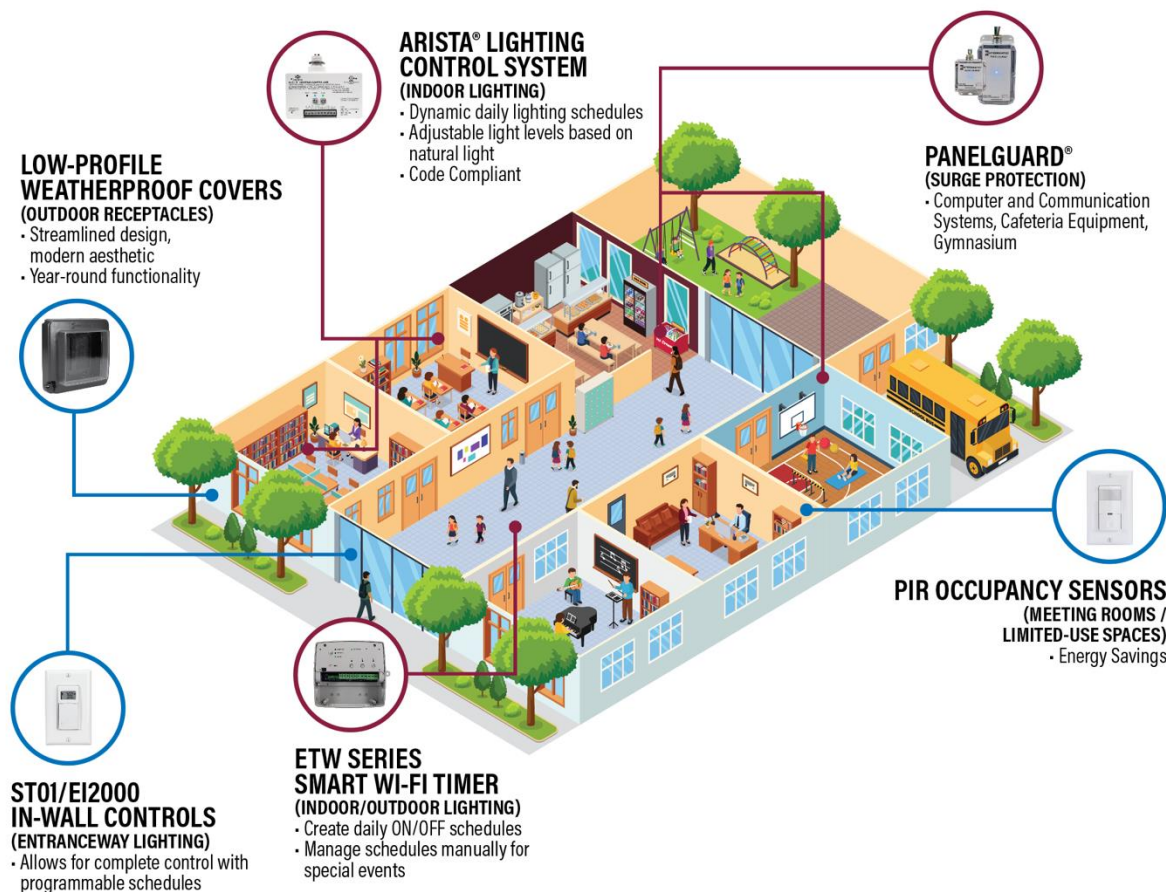
DUAL-TECH OCCUPANCY SENSORS (BATHROOM LIGHTING)

- Flexible Operational Modes
- Adjustable Timing Delays
- Energy Savings



Recommended Solutions

Academic Buildings and Indoor Spaces



Base Recommendations

- **In-Wall Controls** provide basic ON/OFF control for entranceways, hallways, and common areas
- **Weatherproof Covers** protect receptacles throughout the campus to ensure code compliance
- **PIR Occupancy Sensors** ensure lights stay ON only when classrooms, offices, and other limited-use spaces are occupied

Advanced Recommendations

- **ARISTA® Advance Lighting Controls** allow schools to create dynamic indoor learning environments that adjust based on natural light and occupancy status
- **ETW Series Smart Wi-Fi Timers** help facilities managers create and manage ON/OFF schedules for entranceway and main building lights 365 days a year
- **PANELGUARD® SPDs** protect computers, HVAC systems, kitchen equipment, and more from harmful power surge events



Recommended Solutions

Parking Lots

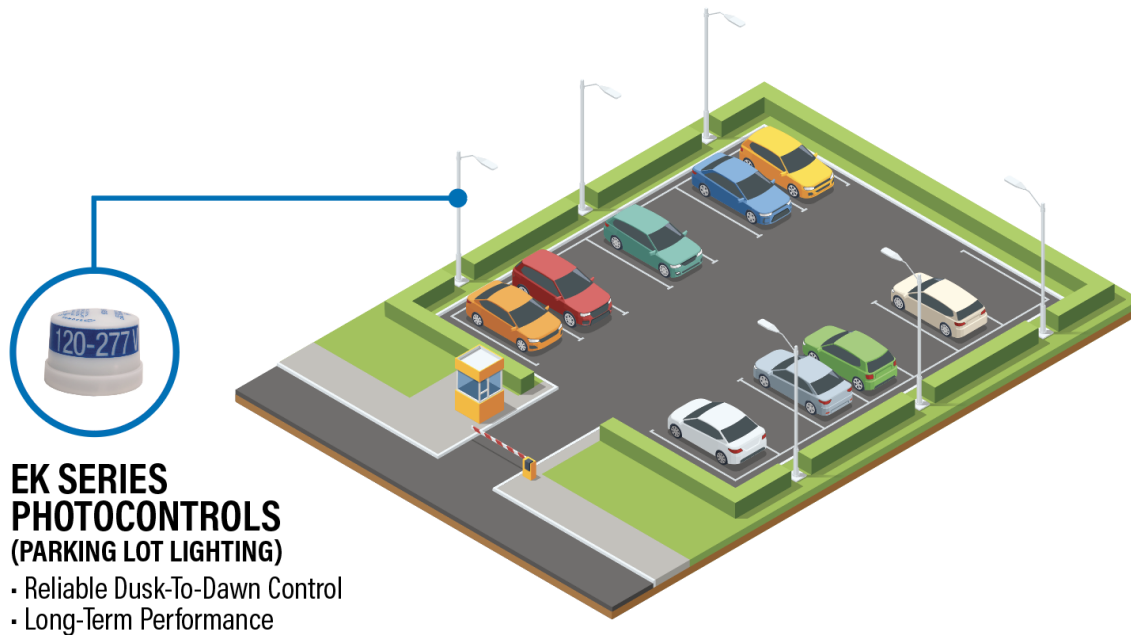


Base Recommendation

- **EK Series Photocontrols** provide reliable dusk-to-dawn control to enhance safety and optimize energy efficiency in school and extracurricular activity parking lots (LED compatible)

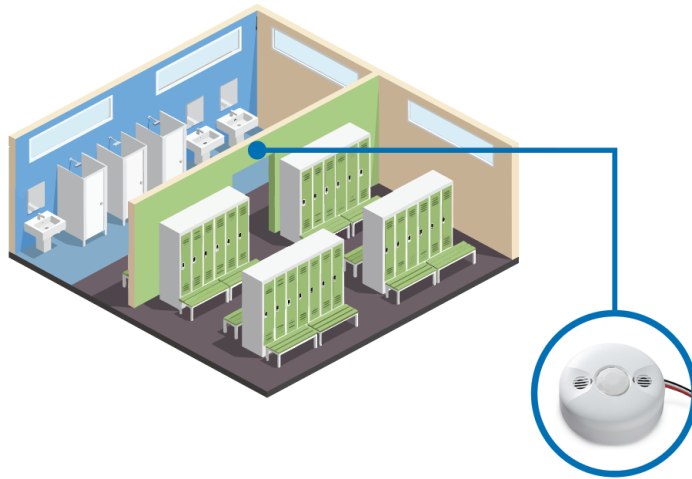
Advanced Recommendation

- **Lighting Contractor Boxes** help facilities managers create daily ON/OFF schedules for parking lot lights, entranceway lights, school displays/message boards, and more



Recommended Solutions

Bathrooms, Offices, and Limited-Use Spaces



DUAL-TECH OCCUPANCY SENSORS

(BATHROOM LIGHTING)

- Flexible Operational Modes
- Adjustable Timing Delays
- Energy Savings

Base Recommendation

- **PIR/Dual-Tech Occupancy Sensors** automate lighting and promote energy savings in bathrooms, supply closets, offices, and other limited-use spaces
 - Note: Though schools primarily use Dual-Tech occupancy sensors for shared bathrooms and locker rooms, PIR occupancy sensors can be a good choice for single-person washrooms, small supply closets, meeting/practice rooms, and more



APPLICATION: MIXED-USE MUNICIPAL PARK

Account for ever-changing community needs while promoting safety and protecting park infrastructure

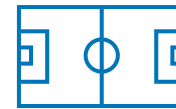
Example: “Illumination Park”



6.5 Acre mixed-use park



Open daily from 6 a.m. to 11 p.m.



Managed by the local parks department with independent events/sports



Recently installed new LED scoreboard and outdoor lights





ILLUMINATION PARK

6.5 Acre Mixed Use Park | Open Daily 6 a.m. to 11 p.m. | New LED Scoreboard & Lights
Host to Special Events and Sports Leagues | Managed by local park district with independent operators



EK SERIES PHOTOCONTROLS (PATHWAY LIGHTING)

- Reliable Dusk-To-Dawn Control
- Long-Term Performance



PANELGUARD® (SURGE PROTECTION)

- Protect major park investments like scoreboards and concessions equipment



LIGHTING CONTRACTOR BOX (OUTDOOR LIGHTING CONTROL)

- Control Outdoor Lights and Irrigation
- Pair with Intermatic photocontrols and manual switches to expand functionality



POWER PEDESTALS (OUTSIDE POWER)

- Convenient access to power in shared spaces
- Self-closing, lockable cover for added security



ARISTA® LIGHTING CONTROL SYSTEM (INDOOR LIGHTING)

- Dynamic daily lighting schedules
- Can be paired with exterior building and parking lot lighting
- Code Compliant



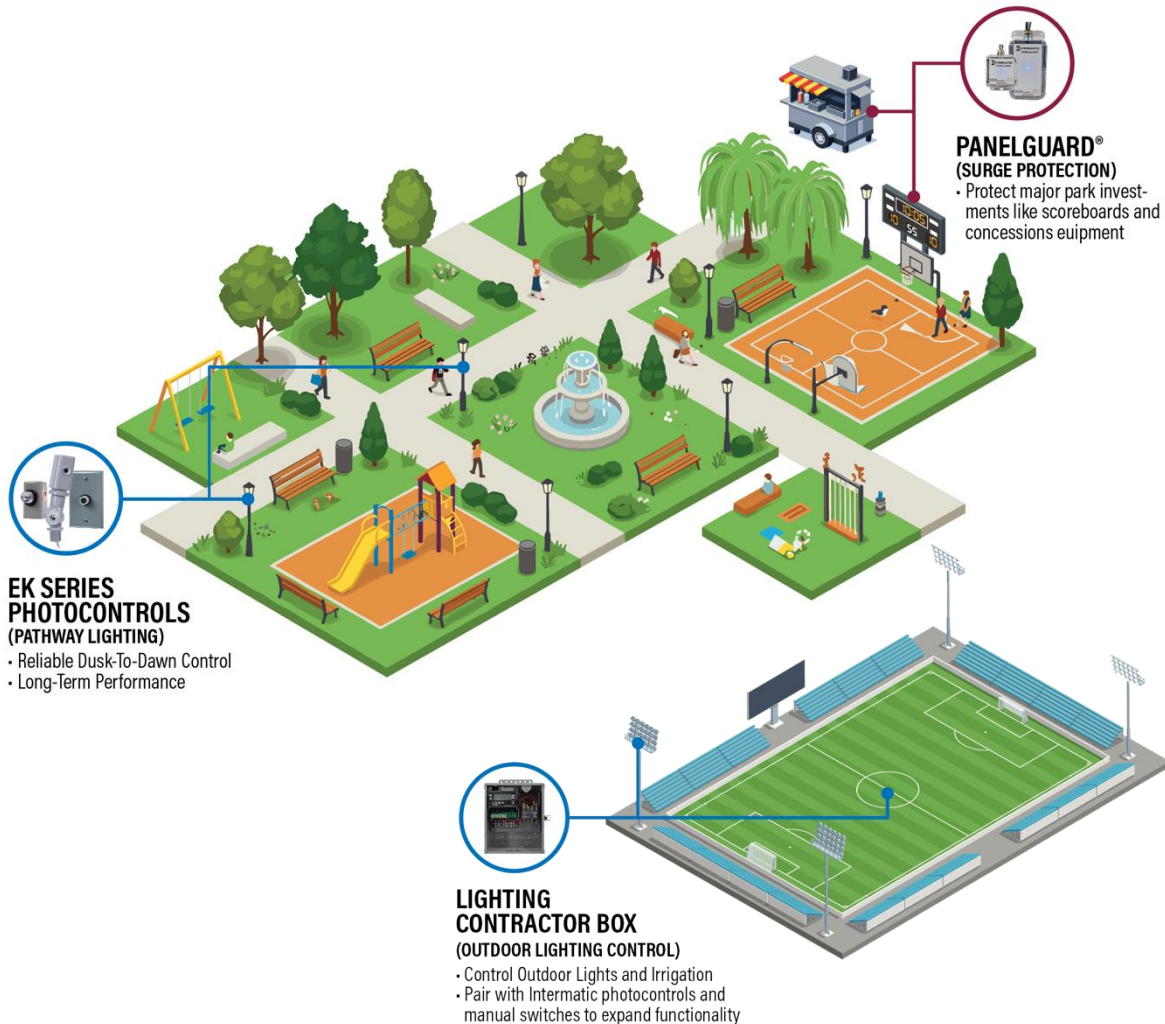
PIR / DUAL-TECH OCCUPANCY SENSORS (LIMITED USE SPACES)

- Flexible Operational Modes
- Adjustable Timing Delays
- Energy Savings



Recommended Solutions

Outdoor Spaces and Sports Fields



Base Recommendations

- **Electronic Photocontrols** like our EK Series are specifically designed to support LED fixtures and keep pathways and shared spaces illuminated from dusk to dawn
- **All-in-One Controls**, like our Lighting Contractor Box solutions, can serve as hub for park lights and irrigation systems and allow for maximum flexibility and performance

Advanced Recommendation

- **PANELGUARD® SPDs** safeguard major park investments like scoreboards, vending machines, concession stand equipment, HVAC systems and more from unexpected power surge events



Recommended Solutions

Parking Lots

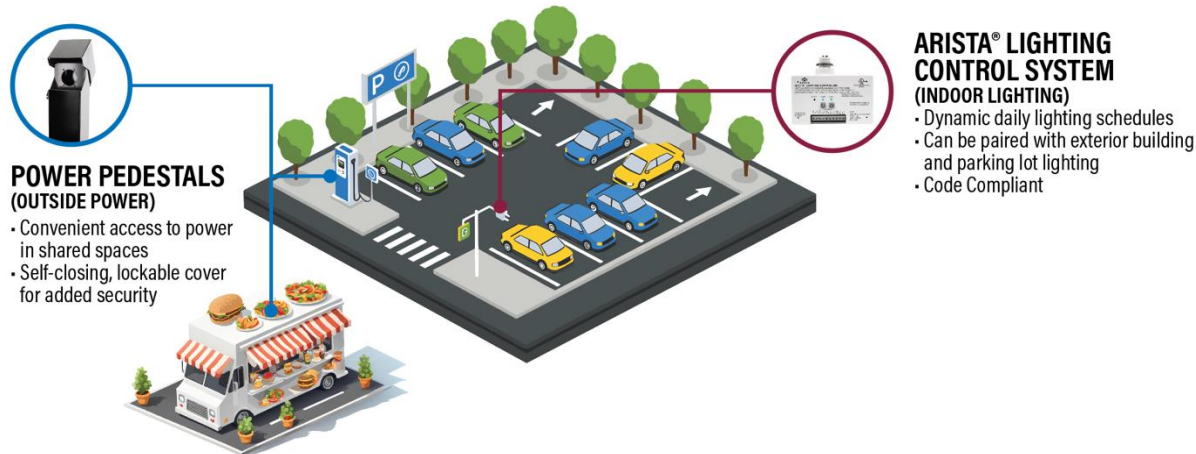


Base Recommendation

- **Power Pedestals** provide convenient access to power in shared spaces and support EV-charging, ad-hoc power needs, holiday lighting displays, and more

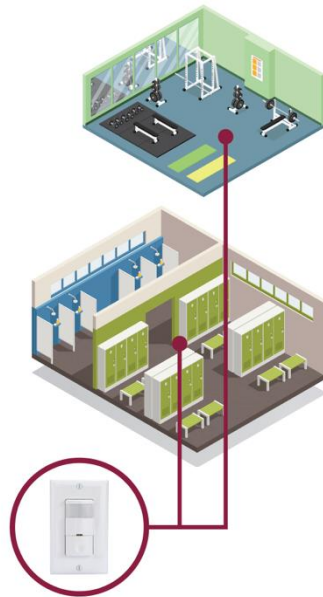
Advanced Recommendation

- **ARISTA® Advance Lighting Controls** are primarily used as an indoor solution; however, municipalities can also pair these controls with exterior building lights and parking lot lights to maximize energy savings



Recommended Solutions

Bathrooms, Gyms, and Limited-Use Spaces



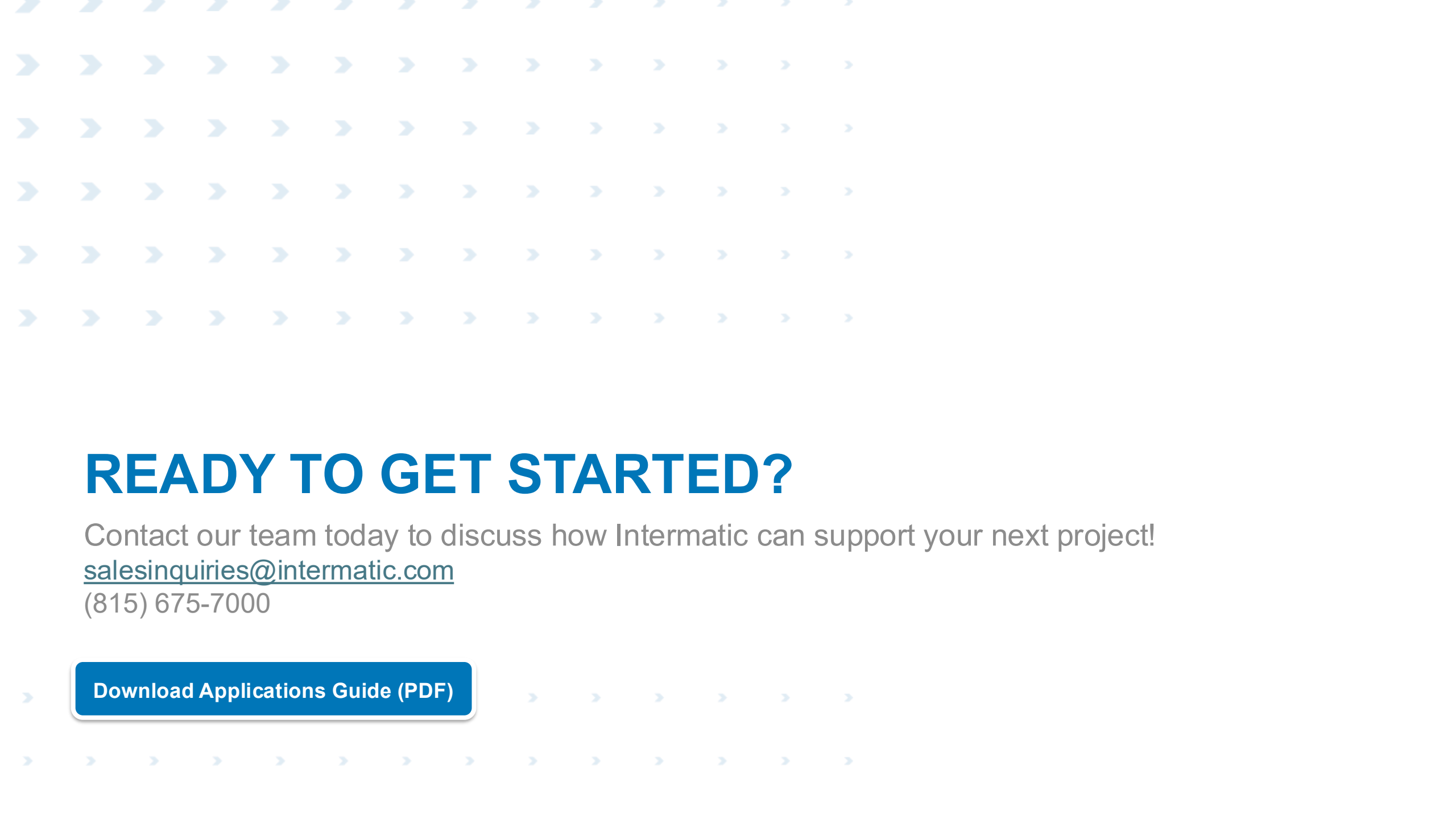
PIR / DUAL-TECH OCCUPANCY SENSORS (LIMITED USE SPACES)

- Flexible Operational Modes
- Adjustable Timing Delays
- Energy Savings

Advanced Recommendation

- **In-Wall Controls** like our PIR and Dual-Tech occupancy sensors help avoid energy waste and add convenience, making them the perfect solution for bathrooms, fieldhouse storage areas, party rooms, and other limited-use indoor spaces





READY TO GET STARTED?

Contact our team today to discuss how Intermatic can support your next project!

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(815) 675-7000

[Download Applications Guide \(PDF\)](#)