MW Connect

Hospitality
Dining

Convenient programming, enhanced experience wireless mesh controls

The $799 billion dollar restaurant industry is quickly recovering from the Covid era. Lowering operational costs are a key goal for the 661K eatery locations across the US. The National Restaurant Association sees the rise of "Intelligent Restaurants" by 2030, reporting relevant operational data to its owners.

Retrofitting older businesses or designing new dining establishments will require control systems that can export data; yet be simple to adjust on site when needed. Independent eateries will want to choose cloud based or stand-alone designs.

Diner Experience
Special scenes and schedules can enhance dining experience and attract customers with inviting appearances, while providing effective food prep and back office lighting.

Range
Dining experiences begin at the parking lot, and extend through the meal. Range extending wireless mesh can now tie outdoor and indoor systems together.
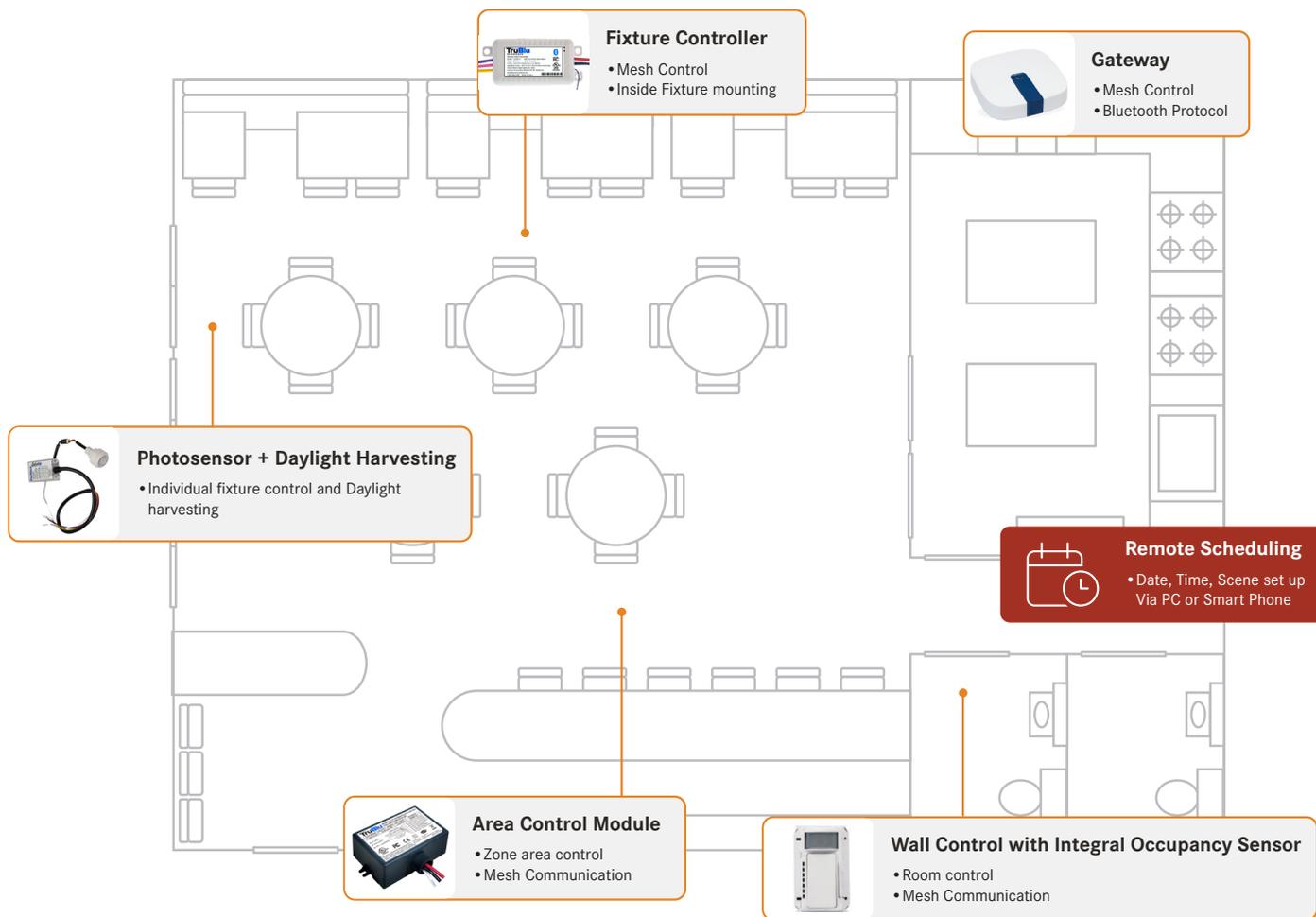
Affordable and Practical
Diners count on their favorite bistros to be open. Wireless controls allow retrofit installations to easily be done in phases, minimizing down time and disruptions.

App-based Design and Control
User-friendly control from smartphone apps streamlines design, startup, daily operation, and future network adjustments.

Effective Lighting, Enhanced Experience

Fixture Controller
- Mesh Control
- Inside Fixture mounting

Gateway
- Mesh Control
- Bluetooth Protocol

Photosensor + Daylight Harvesting
- Individual fixture control and Daylight harvesting

Remote Scheduling
- Date, Time, Scene set up Via PC or Smart Phone

Area Control Module
- Zone area control
- Mesh Communication

Wall Control with Integral Occupancy Sensor
- Room control
- Mesh Communication

TYPICAL CONTROL PROFILES

Zone	Scenario	Description
General dining	Zone control	Bring up lights 100% with wait staff, dim until opened to seat.
Kitchen and Back Office	Scheduling	Lights on @ 50% before opening and after scheduled cleanup. 10% on during service hours
Front Window seating	Daylighting compensation	Reduce lighting by 20% during mid-day
Booth Seating	Fixture control+ Scheduling	Reduce light levels for ambience by 15%, set by menu serving hours, ex: diner 5pm to close

READ CASE STUDY

Bluetooth Mesh Brings Ambiance and Mystery to Empress M, Napa's New Destination Chinese Restaurant

The Empress M restaurant, Napa valley's newest destination dining spot, was seeking a lighting control solution that could create an ambiance of warmth and mystery as well as highlight the restaurant's impressive Chinese art collection and décor. mwConnect teamed with the restaurant's designer and Casambi to deliver an easy-to-use wireless network that achieves these goals effortlessly.