



Agenda

What is the future of technology in the interior space? It's all about Hygiene, combined with Convenience, Performance and Experience.

5 Easy-to-Implement Technologies for Touchless and Adaptable Spaces

Understand how to quickly and easily implement a touchless light and control strategy to ensure your spaces are future-proof.

Our Service Commitment

Q and A

Lutron – a legacy of innovation



On

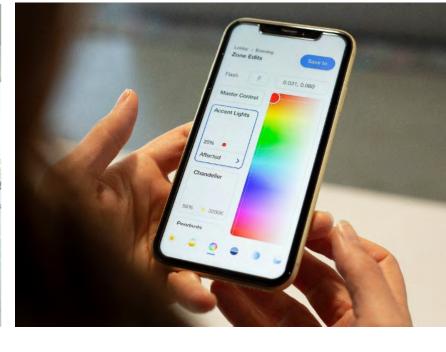
Meeting

Video

Off

Aura

Load Stred



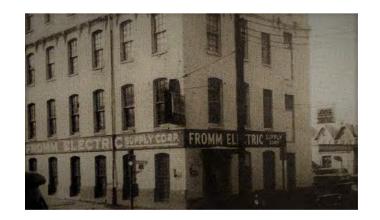
A history of excellence

1961: Debut of the rotary dimmer – the beginning of human-centric lighting

Hardware + Software + Service
Our first principle is to take care of
the customer

Range of cutting-edge solutions Lighting, Shading, Controls for residential & commercial spaces



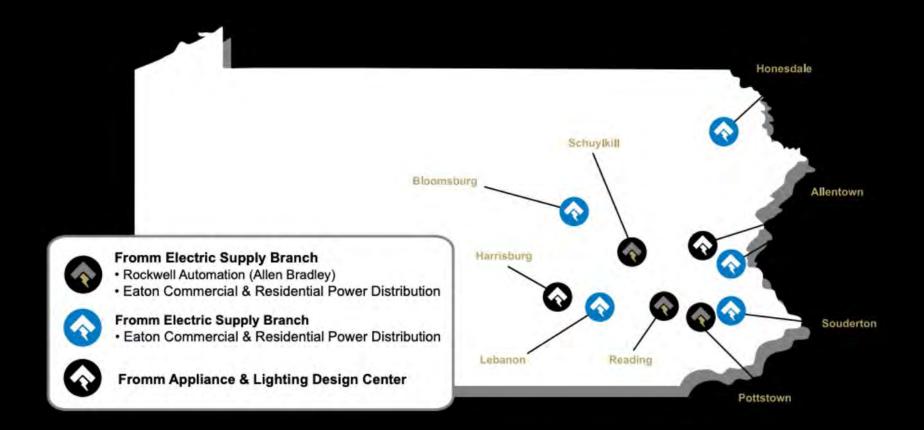


FROMM'S FOUNDATION

- Fromm is a long established, independent and family-owned electrical distributor serving the Mid-Atlantic region of the United States. Since 1923, our company has been supplying electrical products and services to the industrial, commercial construction, and residential markets. We operate eight electric supply counters, two residential design centers, and a central distribution warehouse in Pennsylvania.
- Fromm has been distributing products and services in the Lehigh Valley Facilities
 Managers Association's operational footprint for nearly a century.



FROMM'S DISTRIBUTION FOOTPRINT





Fromm is a leading supplier of Lighting and Lighting Control Services

- **Energy Efficiency:** Our specialists will perform an energy efficiency audit at your facility then provide you with a summary of recommendations on lowering your energy consumption and costs. Our experts will also help you apply for utility rebates for quicker payback on your investment.
- **Lighting Design:** Fromm's team of experts can advise you on both lighting output and lighting design features. They can help you manage your lighting design projects and control costs.
- Utility Rebates: Fromm partners with local utility providers to offer a variety of rebates to help you choose energy-efficient retrofit products, including lighting and variable frequency drives.
- **Lighting Control:** Fromm's lighting team can incorporate controls into designs and retrofit scenarios to supplement efficiency, energy savings and automation of an entire lighting system (of any size). Whether it's scene control, dimming, touchless technology, whole building systems, remote management/monitoring, etc., they work with customers on their facilities to propose the best solutions.



Fromm & Lutron

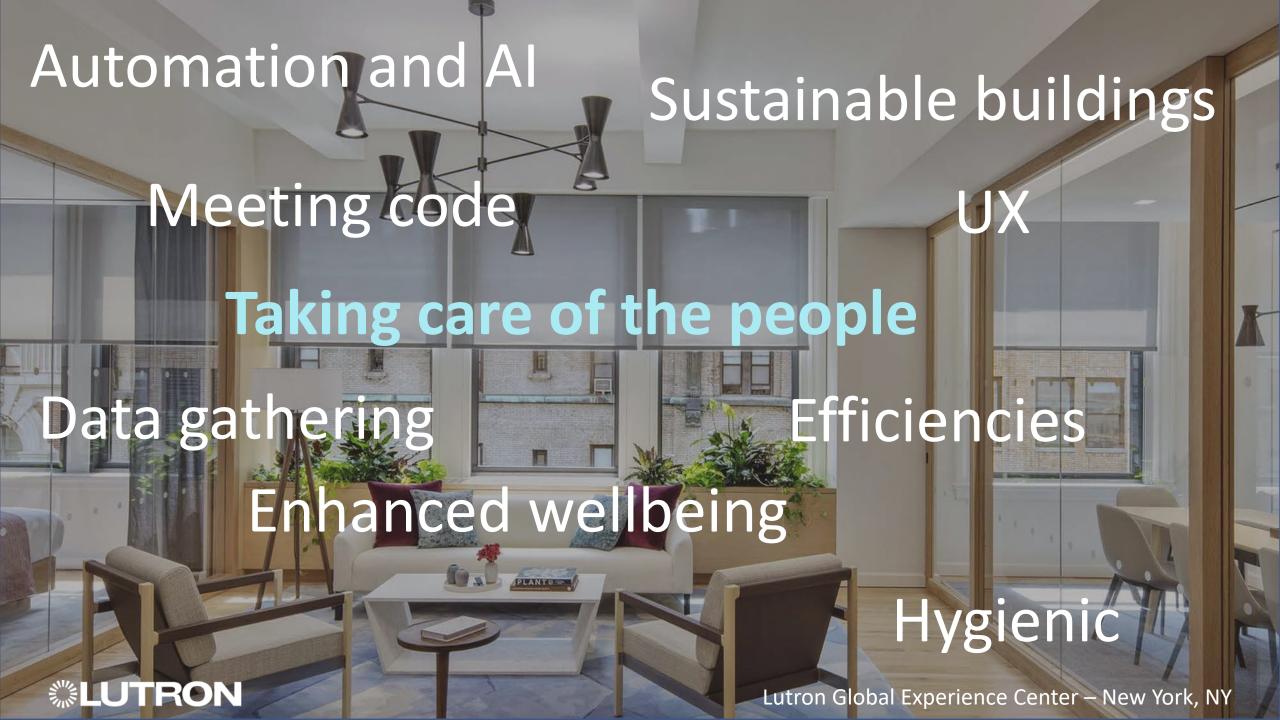
- Lutron has been a proud partner of Fromm's for several decades, so our sales team knows the Lutron product line and which products will work for your project.
- Together, Fromm and Lutron are capable of providing expertise on lighting control design, efficiencies/improvements and retrofit scenarios (resulting in energy savings + utility rebates).
- Our team of experts will work with you to:
 - Evaluate needs...both aesthetically and technologically.
 - Develop design and document benefits.
 - Assist with project management and coordination.







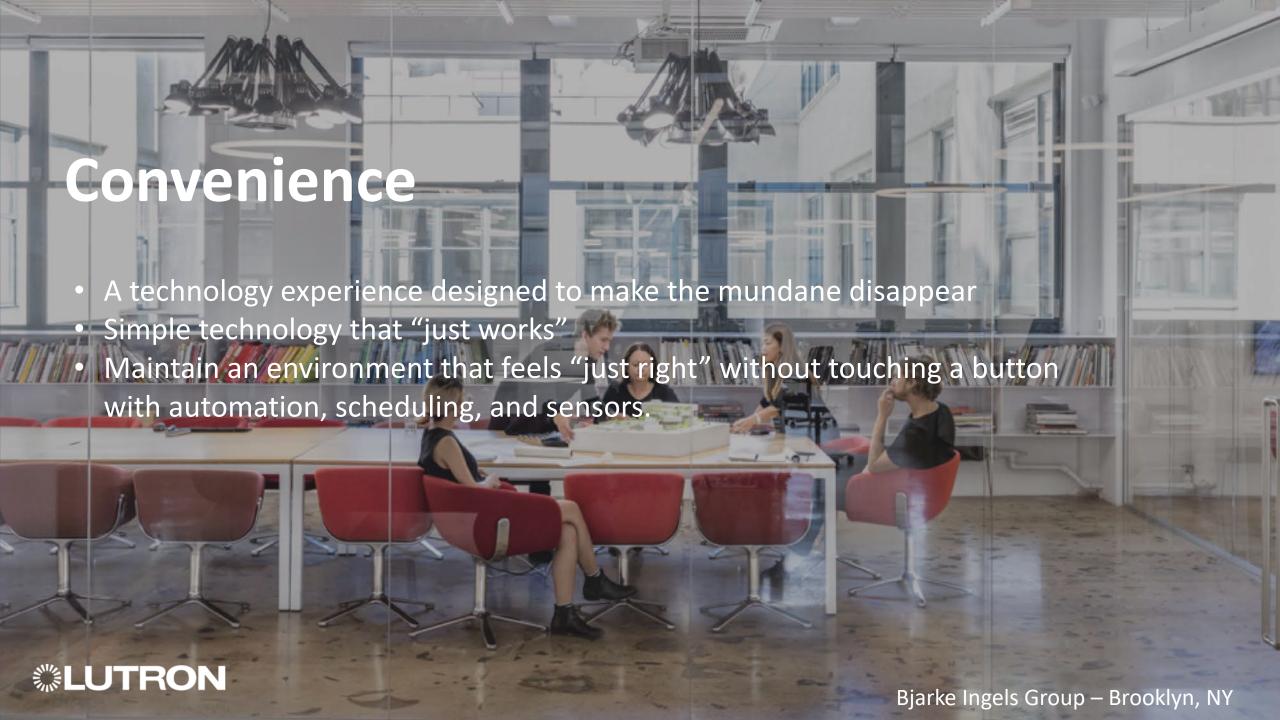


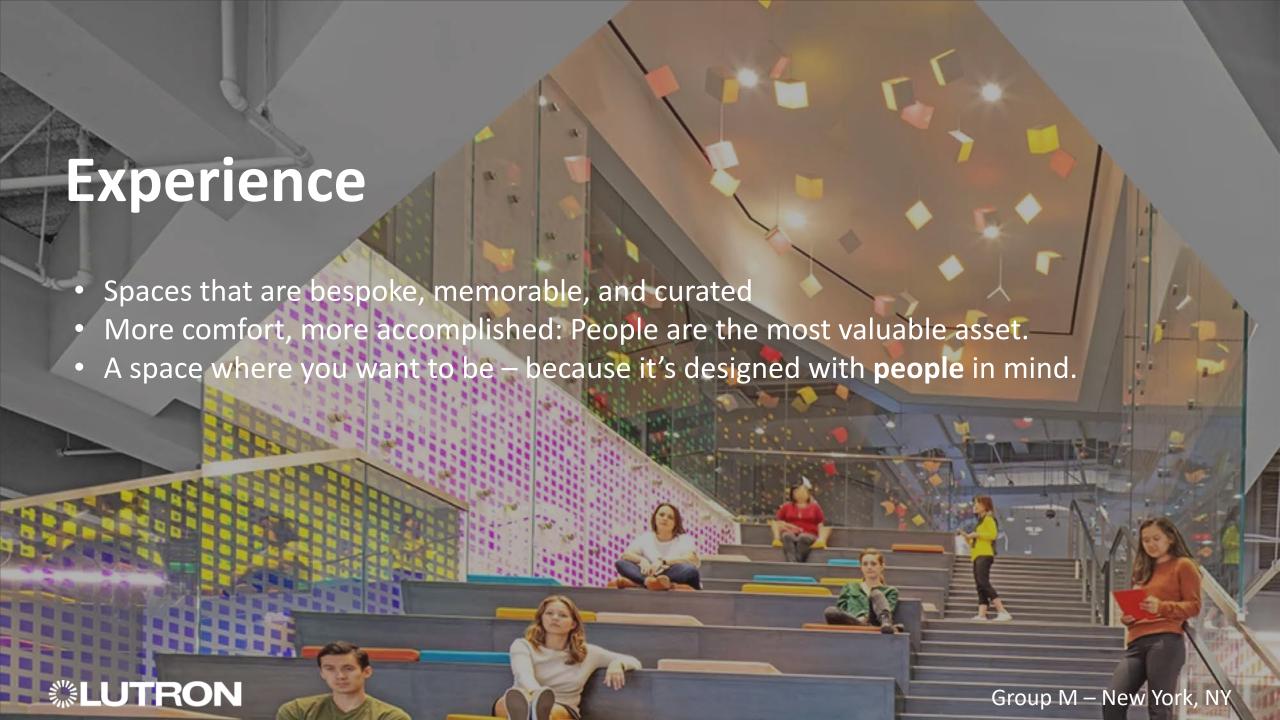


Performance

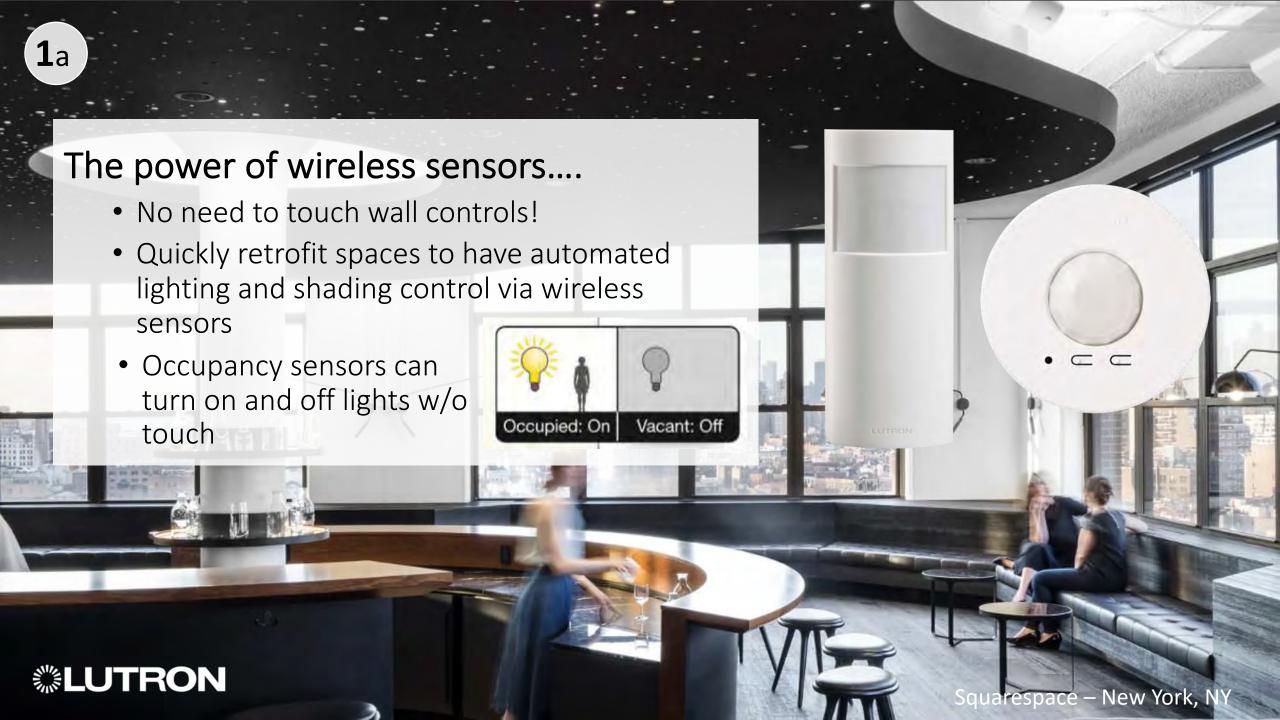
- Empowering people and buildings for optimal results
- Achieving sustainable ratings and energy efficiency: LEED, WELL, Energy Code
- A building that performs now and continues to perform over time with embedded technologies that can adapt and learn











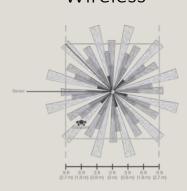


Many form factors to choose from...



Ceiling Mount

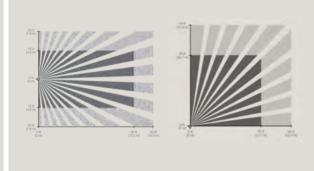
Wireless





Wall/Corner Mount

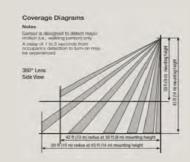
Wireless





High Bay

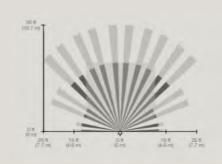
Wired





In-Wall

Wired



1a

Sensors: Best Practices for Easy Implementation

- Choose a form factor.
- Complete a sensor layout.
 - Quantity
 - Coverage
- Use 3M Tape to mount wireless sensors for early move-in days; secure later.

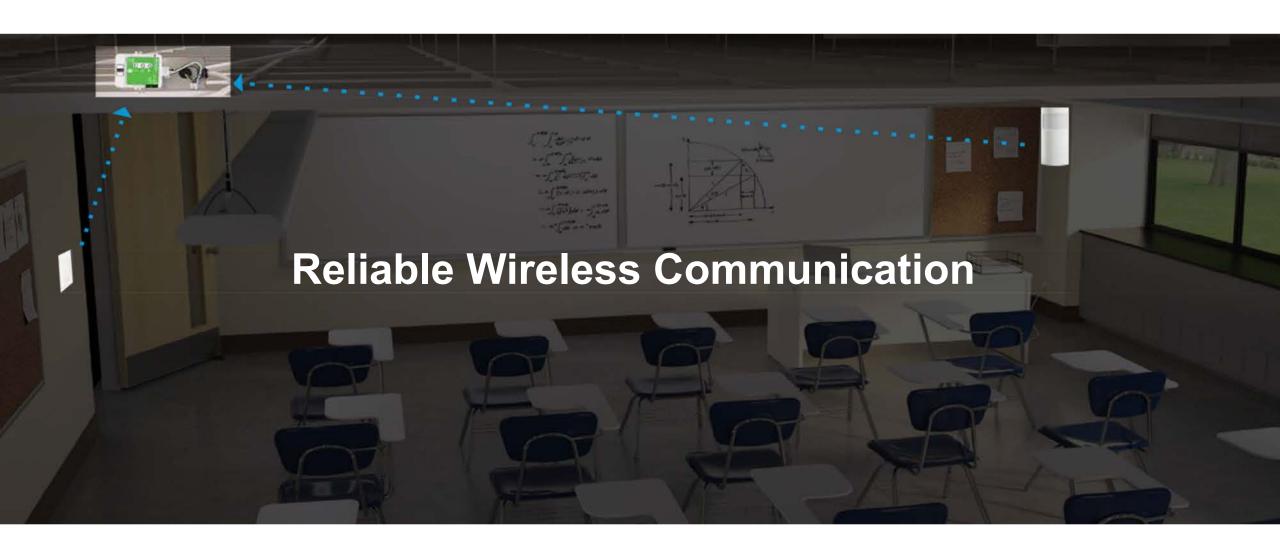


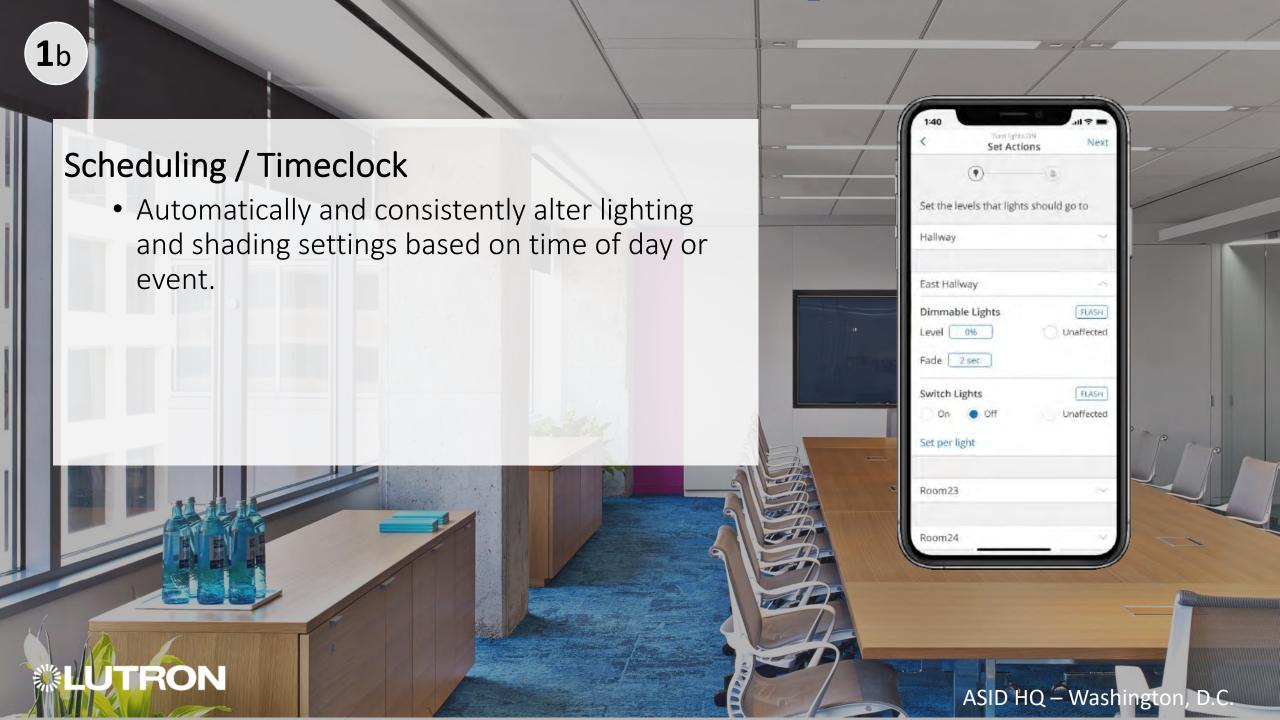


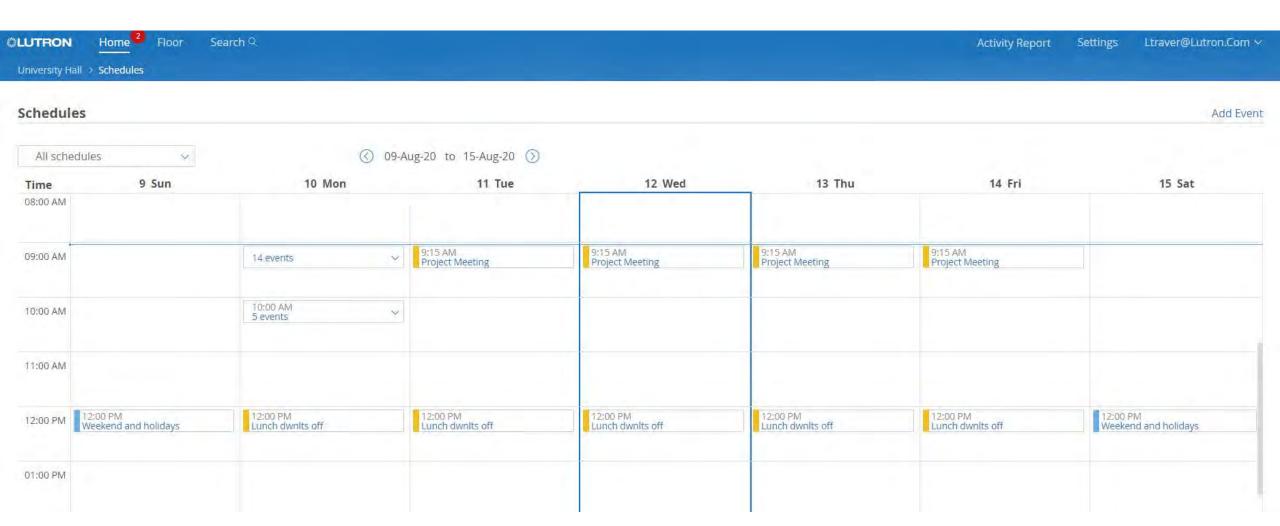
Why Vive Wireless? Installs Faster



Why Vive Wireless? Installs Faster



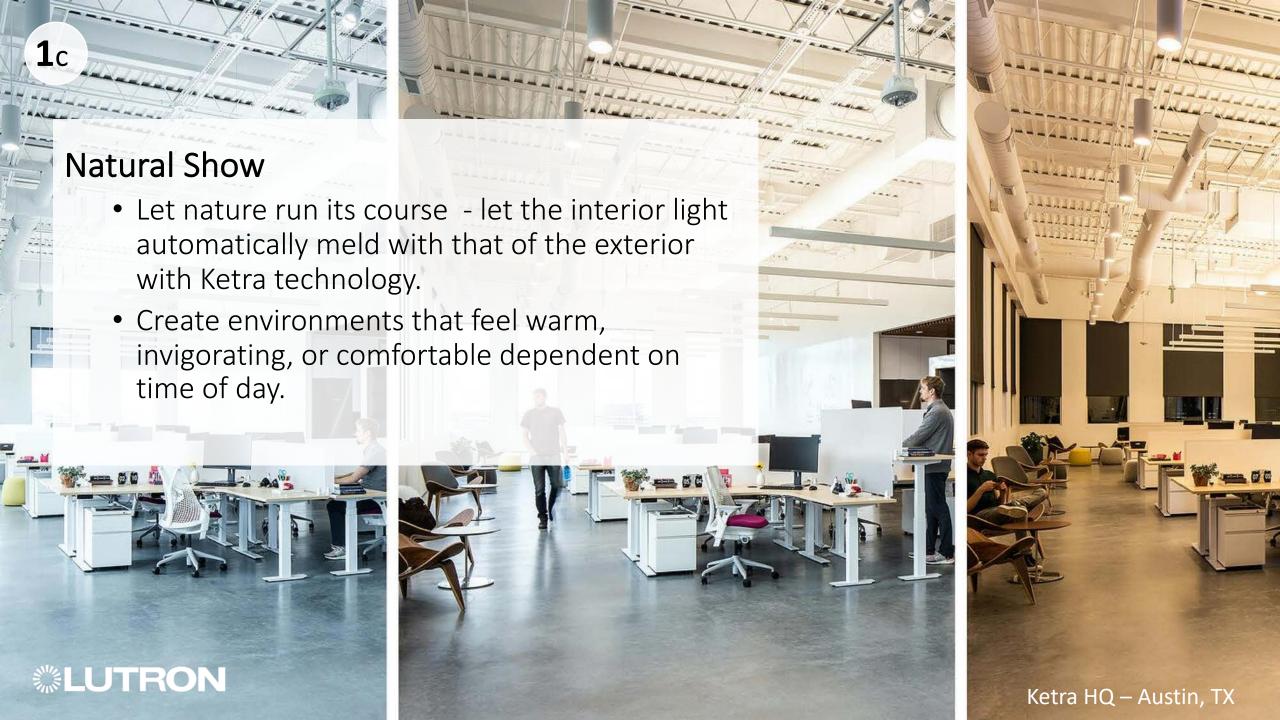


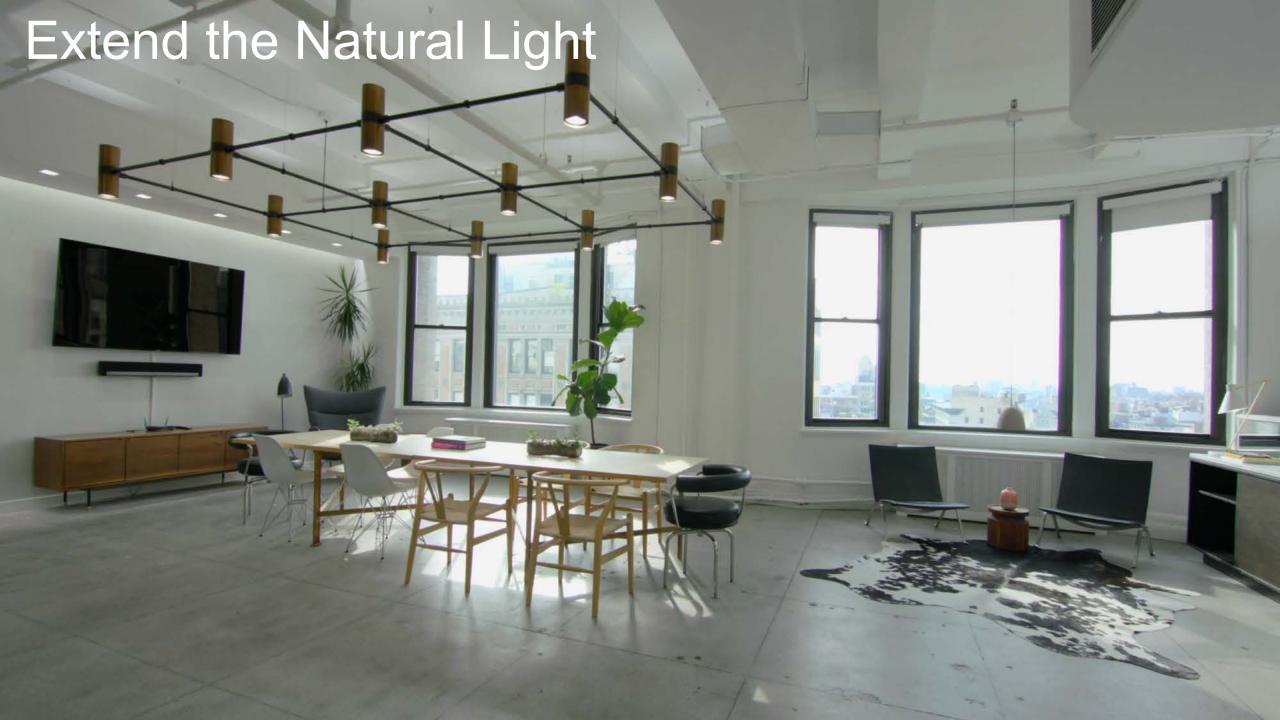




NEIL LIVE DEMO





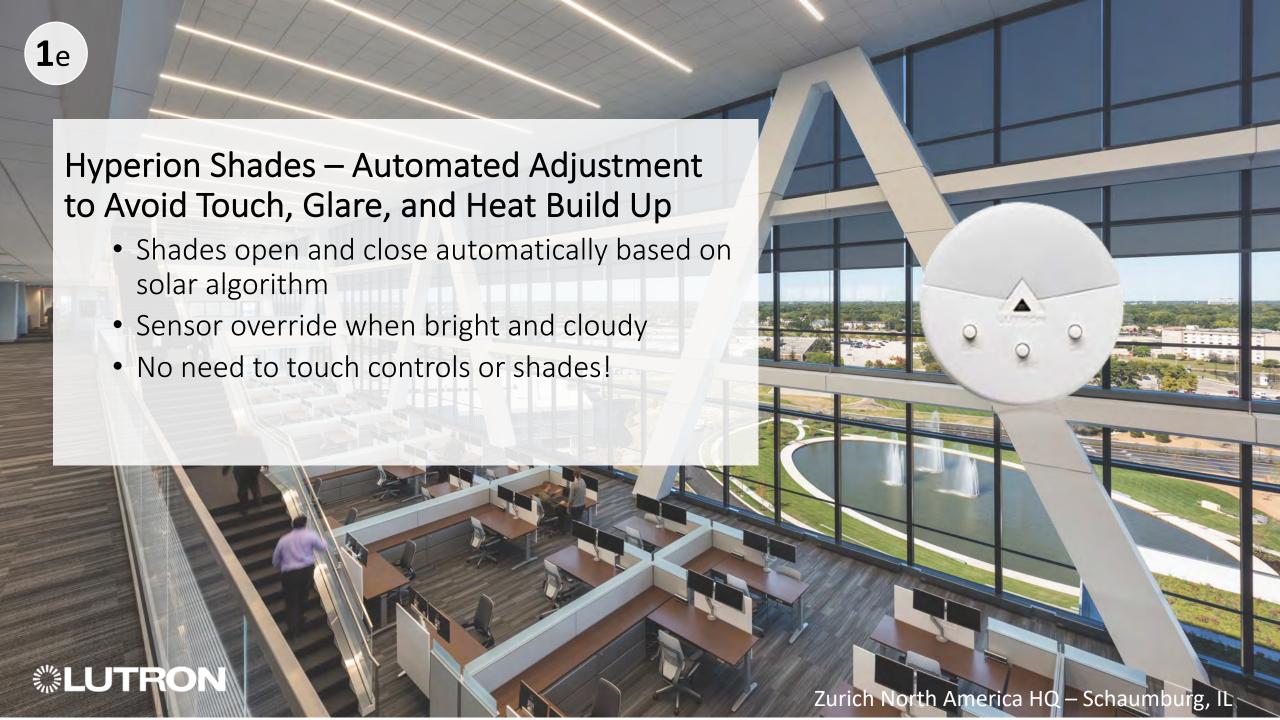




Powerful, Intuitive Control

- Adapt the space quickly with integrated control of lights, shades and A/V equipment
- Provide personal control where you need it – wired and wireless
- Save energy with sensors and simple-to-adjust timeclocks
- Optional advanced programming for highly sensitive research and experiments

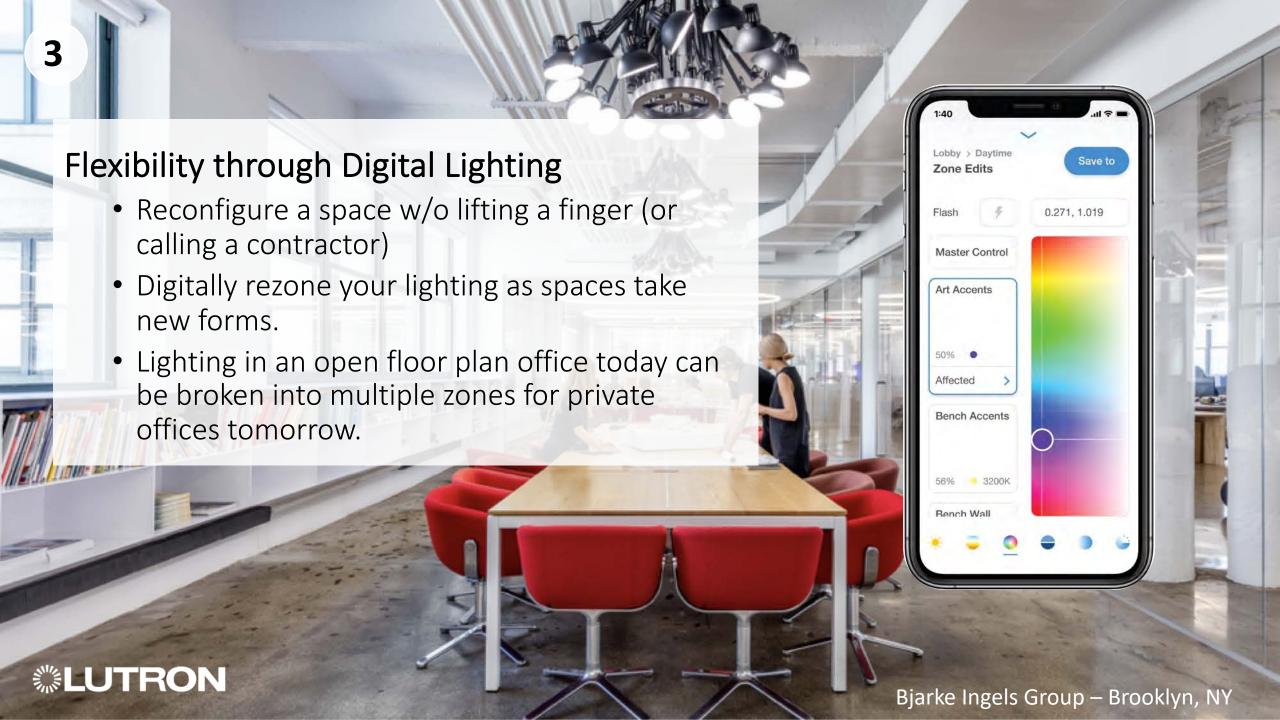
Video – Vue https://www.youtube.com/watch?v=



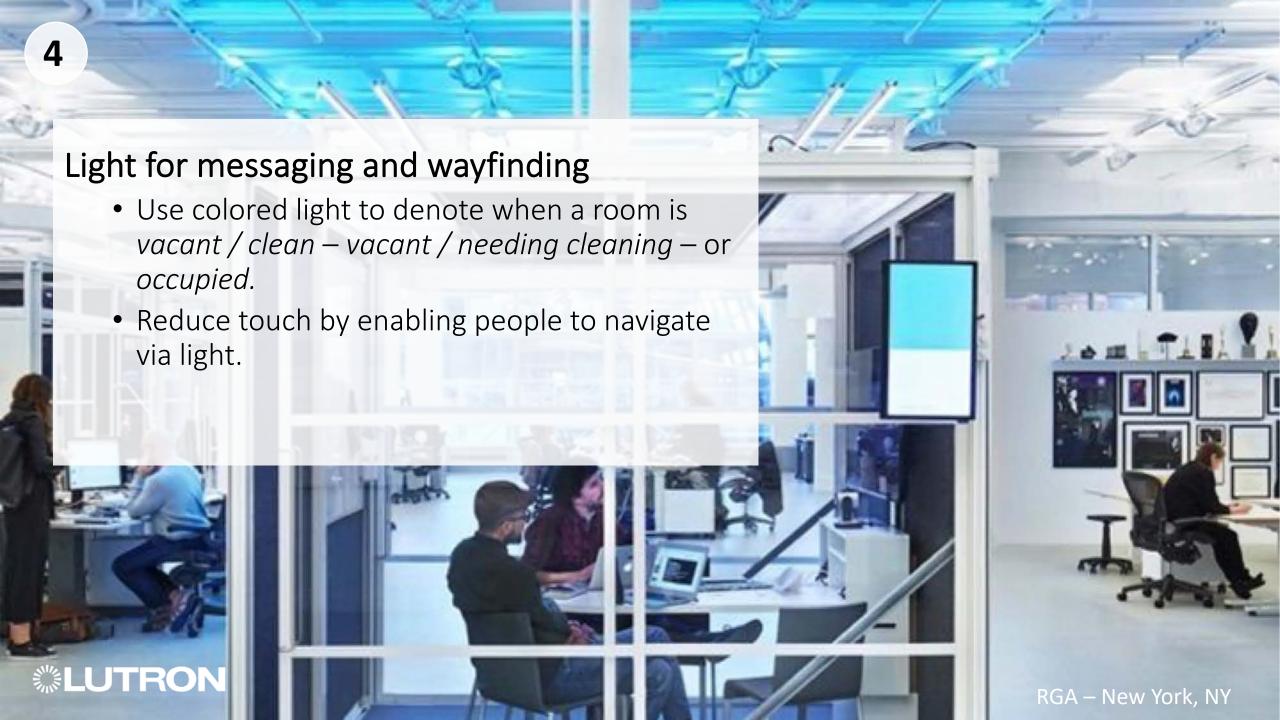




Video — 2:23 https://www.youtube.com/watch ?v=mfJzXqrLgo8



Lighting Designer App Video <a href="https://www.youtube.com/watch?v="https://www.youtube.com/watch



Video Wayfinding





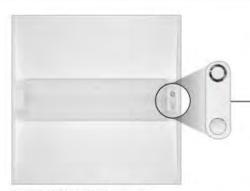
Individual Fixture Control





Simply count the fixturesthe technology is built in

- · Visit lutron.com/hpfl for a list of fixtures that come with Vive wireless technology built in
- · Fixture are shipped with occupancy, vacancy and daylight sensing already installed



Occupancy/vacancy sensors

Step 🔛

Control your lights where you need to

- · Wireless devices can be mounted to any surface with no wiring needed
- · Controls communicate wirelessly to the controls in the ceiling
- · 10-year battery life



Switching





Pico wireless remotes







System software and control

- Timeclock
- · Demand response
- · BACnet & API integration
- · Energy and Occupancy information
- Proactive maintenance alerts



See easy system programming on pages 16 & 17

Vive Software





Lutron's Commitment to Service

- Dedicated support from design through occupancy
- Virtual Education and CEUs
- Project Management
- 24/7 Technical Support
- Remote or on-site startup
- System performance verification documentation & walkthrough
 - (for LEED)
- Title 24 acceptance test visit



What's next? Develop a touchless tech plan with your local Fromm Sales Representative. Todd Rutledge - Fromm Rep -trutledge@frommelectric.com Neil Schroder - Lutron Rep - neils@ses95.com Liam Traver - Business Development - Itraver@lutron.com ****LUTRON** RGA – New York, NY

