XS APPLIED TECHNOLOGIES

LOW VOLTAGE SPECIALIST

Low Voltage Solutions

P.O.E L.E.D Lighting

Surveillance Systems

Network Design/Integration

Access Control Systems

Wireless Fiber

Structured Wiring

Audio / Visual

Intelligent Building Systems

Telephony

Wireless Networks

L.E.D P.O.E Lighting

So what is PoE Lighting? In a nutshell, it's lighting that is safely powered, controlled, and monitored all through an Ethernet cable.

If we're getting down to the nitty gritty details, the power for the PoE Lighting System comes from a PoE+ (30W per port) or a UPoE (60W per port) networking switch. An open IEEE infrastructure means that you can use the PoE Switch of your choice. From the switch, Ethernet cables are run to the IntelliDrive.

SURVEILLANCE SYSTEMS

No matter what you are looking at, be it a license plate, video surveillance, facial recognition. XS has the technical expertise to design, install and maintain a solution for you. We maintain partnerships for most if not all of the top brands.

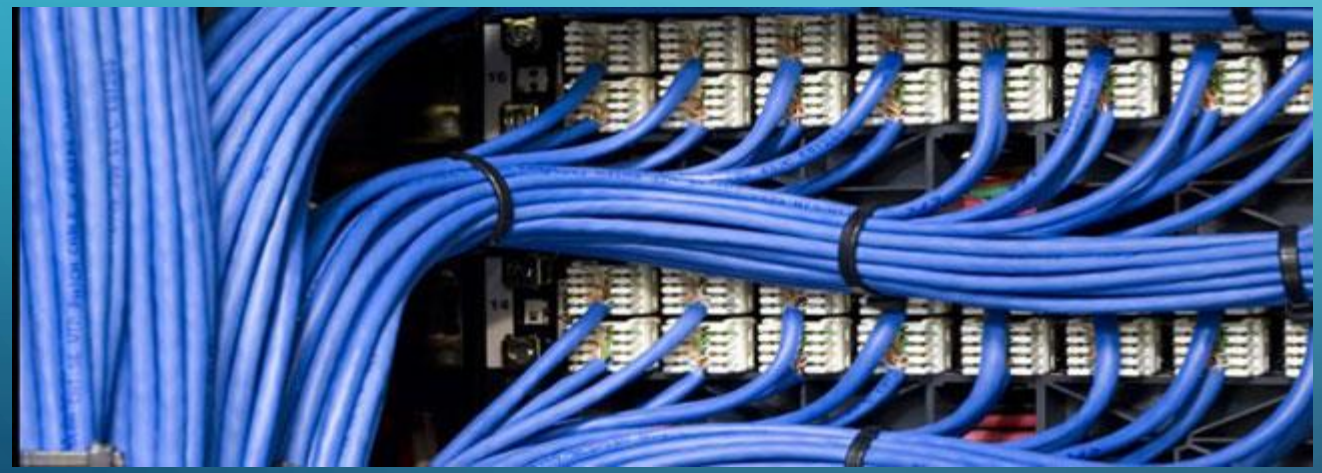
ACCESS CONTROL SYSTEMS

No matter the company size, Access Control for the modern workspace in todays world is a necessity. Secure Access Control for your office, warehouse, industrial complex, or healthcare facility doors can be controlled from your smartphone, smartwatch, and other smart devices.

It's time to upgrade to next-gen security that not only works, but works better.

STRUCTURED WIRING

Todays structured wiring, is no longer as easy as just pulling wire and punching it down. Instead you need to plan it out from the raceways and conduits, to correct patch panels and frame. Once completed properly it becomes a part of an overall eco system supporting many different components.



NETWORK DESIGN / INTEGRATION

A network can be as simple as a single server file sharing device or it can be a multi-server architecture, set-up in a single rack or over multiple racks and multiple locations. Another way could be as an instance in a VMware/vSphere environment both on premise and also in the cloud working for both voice and data, with QoS controlling the environment so as not to breakdown the voice component.

AUDIO VISUAL

AV today is a part of a much larger corporate culture. You have employees working from home with others on teams, that need not only to speak with each other, but share ideas and information. With teams in one country that are making presentations to both prospective clients as well as existing customers, working on large projects. But utilizing todays AV environments, companies can cut costs from travel as well as time to market from new products and solutions.

TELEPHONY

Telephone equipment has come a long way, from the old party line switchboard days, to the crossbar switches of the 70’s, into the first large scale computer based PABX (Running on a 286 processor) ,to todays networked VOIP server based equipment. Now with all that said what's the best solution for your business? Be it a cloud based solution with no real equipment on premise or a server based solution sitting in a rack on premise.

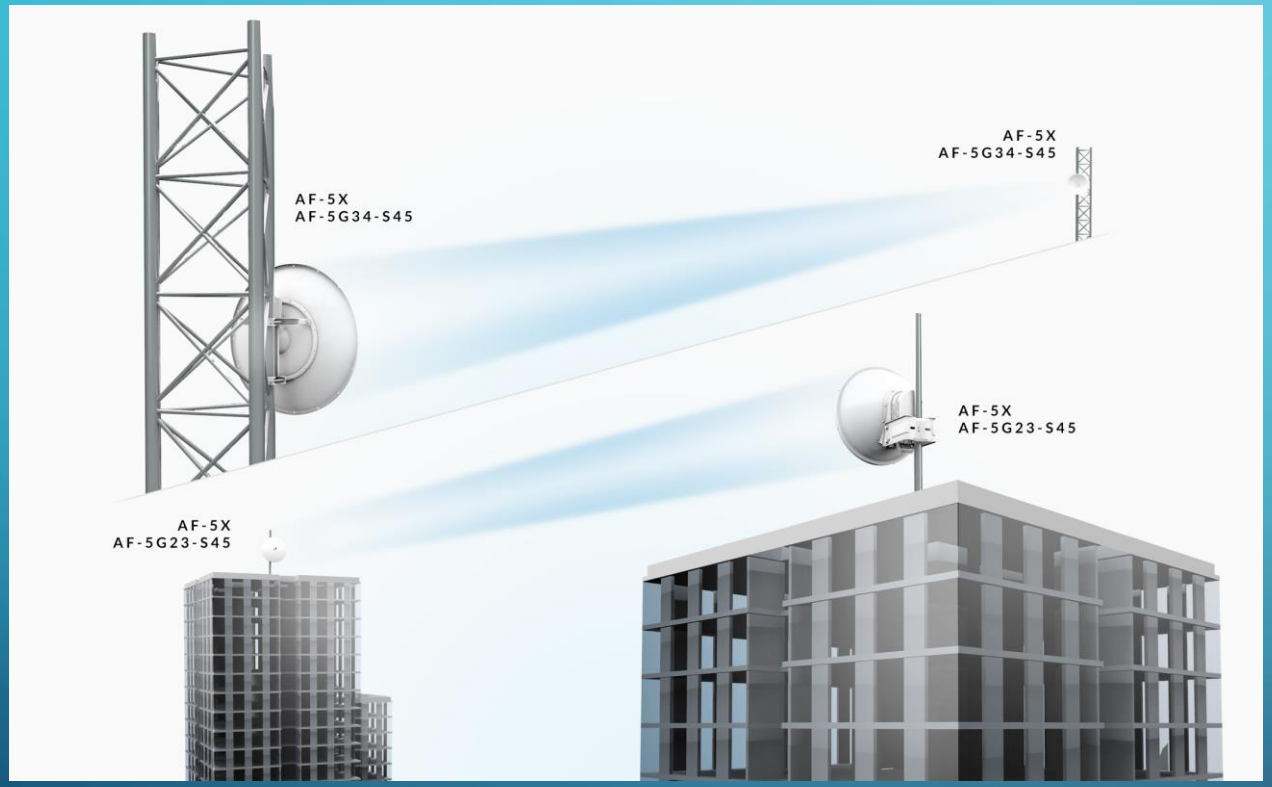
WIRELESS NETWORKS

WIFI is another one of those devices that is a true necessity in every business, be it a restaurant , an office environment or in todays high end malls where as you walk in, its telling you about a sale on the shoes you wanted or that your dry cleaning is ready. Even in a warehouse or manufacturing facility, the WIFI is the highway that has all your equipment riding on it, watching and working 24x7 to see that every order is processed in a timely manner.

Intelligent Building Systems

A smart building is any structure that uses automated processes to automatically control the building's operations including heating, ventilation, air conditioning, lighting, security and other systems. A smart building uses sensors, actuators and microchips, in order to collect data and manage it according to a business' functions and services. This infrastructure helps owners, operators and facility managers improve asset reliability and performance, which reduces energy use, optimizes how space is used and minimizes the environmental impact of buildings.

Air Fiber Building to Building Infrastructure



The airFiber system provides a breakthrough in 24 GHz backhaul performance. It delivers superior speed with spectral efficiency in the worldwide, license-free 24 GHz radio band. Featuring a dual-independent 2x2 MIMO 24GHz hi-gain reflector antenna system, airFiber can operate in both FDD (Frequency Division Duplex) and HDD (Hybrid Division Duplex) modes for unparalleled speed and spectral efficiency in the 24GHz worldwide license-free band.

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