



Emendee Buzz

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Energy & Telecommunications Solutions

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Client Corner



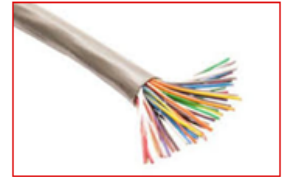
After a thorough review of Patriot Bank's utility bills, it was quickly determined that we could dramatically cut their utility costs.

A fixed energy supply cost solution was implemented, avoiding the dramatic increases and decreases from month to month. And, the telecom savings was huge. A number of lines were removed, along with a number of services that were no longer needed.

According to Fred Staudmyer, Executive V.P., "At first, we weren't sure if Dave could cut our utility costs. But, once Dave began digging in, he was able to cut our costs by Tens of Thousands of Dollars per year! We are very pleased with his work, follow-through and persistence."

Copper vs. Co-Ax vs. Fiber

Copper Wire, which has been around since the late 1800's, is still used by the major Phone Companies in the United States today. Since Copper Wire has speed & distance limitations, a process known as "Pair Bonding" is often used, which combines numerous pairs of wires to allow for a fatter pipe, and therefore faster speeds.



25-Pair Copper

Coaxial Cable, also known as Co-Ax, is used by Cable Companies to deliver Voice, Internet & TV signals across their network. Typically, Co-Ax can deliver more services, at faster speeds than Copper can.



Coaxial Cable

Fiber Optics is considered by many as the "Cadillac" of choices for land-line services. Fiber Optics is made of glass or plastic (about the thickness of a human hair). Although this technology is more expensive than the others, it offers incredibly fast data speeds, along with high reliability.



Fiber Optic Cable

LED's Return On Investment (ROI)

As LED technologies continue to improve, more and more businesses are implementing LED retrofits. When it comes to the ROI of LED's, there are some areas that offer a better fit than others.

Outside lights, if used from dusk to dawn, generally run for about 4,000 hours per year. For these areas, LED's tend to be a perfect replacement for older lights, since the savings often allows for a 3-5 year R.O.I. And, for inside applications, LED replacements tend to make sense for businesses with at least two shifts (80 hours/week).