

**The world's networks count on CommScope® solutions.**

Many customers request CommScope solutions by name, and many projects specify CommScope equipment. That is why Beatrice has shifted our CommScope business from just installations, to consulting, remodeling, and enhancing existing customer network infrastructure. Beatrice is very familiar with the broad range of products that CommScope offers, and we have installed numerous networks since 2001. We have experience in ensuring that your network has the proper distribution cabling, patch cords, switches, and core components.

We offer a free overview of your network, and will give professional written advice on how we can help ensure that your business network is configured for peak performance, all utilizing CommScope and SYSTIMAX® Solutions. We are proud to offer the cutting-edge SYSTIMAX® 360™ which offers the highest in performance for your data transmissions, and is rated for 10 Gigabit speeds, but is fully backward compatible. No other copper cabling product will offer the performance that SYSTIMAX® 360™ will.

Why not give your business every opportunity to succeed?

CommScope's reputation for integrity and quality can be a valuable asset to your business. When your business chooses Beatrice for consulting and installation services, you can be assured that you are getting first-rate product and service.

Why Beatrice?

Beatrice has the resources to help your business in building a truly impressive network infrastructure, or if you even have a humble setup, we work on those as well. We take pride in our work, and we don't just slap some cabling on your network and call it a day. We truly believe in what we do, and we employ time and tested Bell System Practices (BSP) in all that we do. BSP were well known practices of installation and maintenance methods that were used in the Bell System, and sadly, most installers of cabling have no clue what they mean, and use whatever methods they feel are prudent.

So, if you operate out of a data centre, and have racks of equipment with a spaghetti mess of different manufacture type of patch cords, or branch offices that need that telephone/data closet that no one dares enter into because it is so shameful to even look at, give us a call, we can help. We have the know-how to give you a network that you will be proud to show off, and the performance that will be second to none. Oh, and we will not use any Chinese cabling, patch cords, or outlets for our work. Made in U.S.A., and NEVER China is our commitment, and the quality and performance shows in every one of our installations. We have full documentation on the CommScope products we use for installations, and are available upon request.

**Some typical CommScope product we use in our customer installations and reconfigurations****Cabling**

- X10D 91B GigaSPEED (U/UTP 4 pair Category 6B data cable) [recommended for all data applications]
- CPCSSX2-0Z GigaSPEED X10D (data patch cord) [various colours and lengths]
- 1061F PowerSUM (U/UTP 25 pair Category 5e pair cable) [ideal for bulk voice line distribution]
- 1061C PowerSUM (U/UTP 4 pair Category 5e cable) [recommended for all voice applications]
- 1571A GigaSPEED (U/UTP 4 pair outdoor Category 6A cable - with flooding compound)
- CS34P (UTP 4 pair shielded Category 6A cable - with flooding compound) [ideal for CCTV IP cameras or solar gateways]
- 5302203 P3 500 JCASS (outdoor trunk distribution coax - with flooding compound) [ideal for satellite, and TV antennas]

Information Outlets & Patch Panels

- MGS600 GigaSPEED X10D (data information outlet - 8 pin RJ45) [for use with X10D 91B GigaSPEED cable]
- HGS620 GigaSPEED (shielded high density information outlet - 8 pin RJ45) [for use with CS34P cable]
- M1AH (voice information outlet - 6 pin RJ11)
- M81C-COUPLER (coax coupler)
- 1100GS6-48 GigaSPEED X10D (Category 6B patch panel) [for use with X10D 91B GigaSPEED cable]
- 360-IPR-1 1100-E-GS6-2U-48 Evolve GigaSPEED X10D (Category 6B patch panel) [for use with X10D 91B GigaSPEED cable]
- 1100-U-PS-48 PowerSUM (Category 5e patch panel) [recommended for all voice applications]

On the next pages, you will see the before and after of one of our refurbishing jobs at Shepherd of The Hills United Methodist Church, Sun City West , Arizona performed in 2011.

Extensive recabling of the Lucent Technologies Merlin Legend PBX phone system was required due to neglect over the years. Originally installed in 1996-1997, many hands were at this, as can be seen.





This is our after work-

SYSTIMAX® 1091B GigaSpeed cabling (blue) was installed for new data connections, and consolidating the Internet modem and, and updating the patch cords to the SYSTIMAX® GS8E (Cat VI), which greatly improved network performance on data connections. The voice lines on the Lucent Technologies Merlin Legend PBX phone system were also improved by upgrading various small cabling line cords and installing an APC UPS Battery Backup system to protect the Internet modem and PBX phone system.

