



Telecommunications & Data Networking

SALES, INSTALLATION & 24-HOUR SERVICE

1-888-685-3900 www.breninger.com Fax: 973-285-7435

CAPABILITIES DOCUMENT

The purpose of this document is to help the customer better understand our skill set and overall technological abilities.

Below are a few of our more complicated, completed projects.

Our services include but are not limited to:

- Telephone System Design and Implementation.
- Audio Video Solutions
- CCTV Camera Systems.
- Computer Design and Networking
- Fiber Optic Design
- IT & Data Room Design and Implantation.

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Hunterdon Radiological Associates.

Flemington, NJ 08822

- Designed all related electronics and infrastructure for voice, data and video.
- Coordinated and worked with Level-3 to install fiber optic cabling from the above address to the four remote offices throughout Hunterdon County.
- Designed and implemented all aspects of the telecommunications, which included a true VoIP PBX that connected all locations to one central PBX switch at the above address.
- This project was so complicated and successful, that the PBX manufacture (Samsung Telecommunications America) performed a case study (To read the article click on this icon) Designed all related electrical requirements and implemented the battery back-up systems.
- Designed the IT data room, which included four network management racks, HVAC and electrical power requirements.
- Designed and implemented all **CERTIFIED** 5e structured cabling and telecommunications for all sites.
- Designed and deployed a scheduling call center that handles over 600 calls per day.
- Project cost: \$285,000.00

Connected Office Locations:

- ❖ **Administrative Office.**
Walter E. Foran, Blvd.
Flemington, NJ
- ❖ **Hunterdon Imaging**
Hunterdon Medical Center
Westcott Drive
Flemington, NJ 08822
- ❖ **Kings Court Medical Arts**
Building
Kings Court
Flemington, NJ 08822
- ❖ **Brems Imaging Center**
Dogwood Drive
Clinton, NJ 08809



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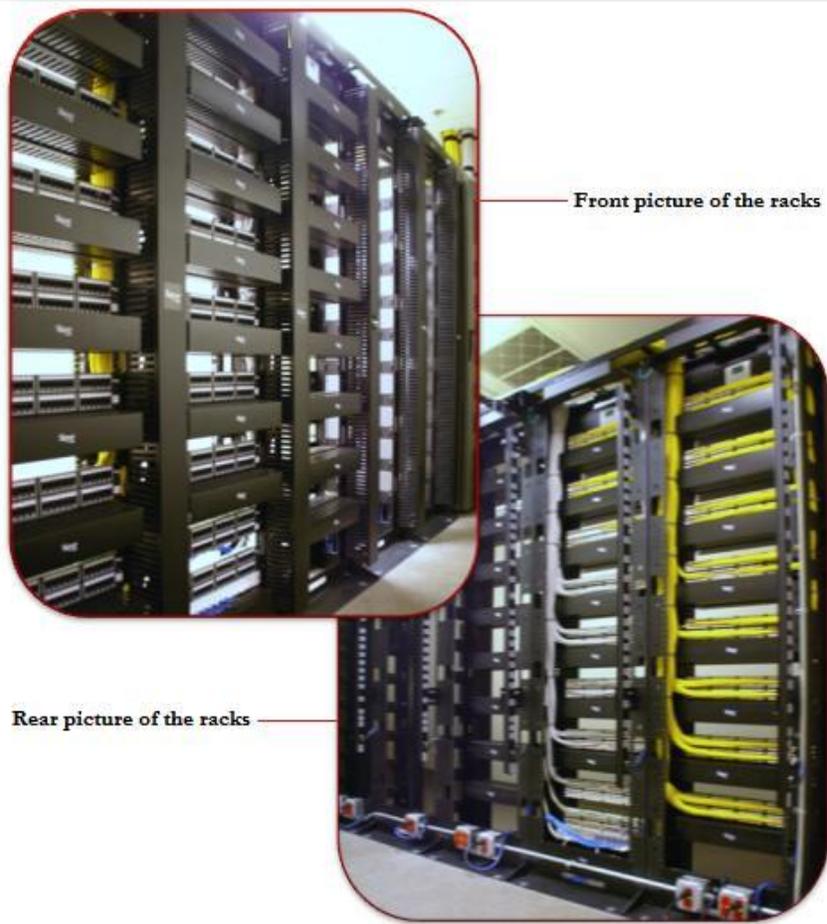
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Brown & Brown Insurance

East Coast Corporate Office

Florham Park, NJ

- Designed all related electronics and infrastructure for voice, data and video.
- 800 5e tele/data cables were installed (160,000 feet of wire)
- Seventeen (17) 48-port 5e patch Panels
- Designed and provided a 140" video solution with high definition sources and entire room audio.
- Designed all aspects of the IT room which included:
 - * Rack design and placement.
 - * Electrical power requirements.
 - * HVAC cooling design.
- Project cost: \$130,000.00



Front picture of the racks

Rear picture of the racks

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Trump National Country Club, Bedminster

Bedminster, NJ 07921

- Designed all related electronics and infrastructure for voice, data and video.
- This campus included the connecting of seven buildings located over one square mile.
- All buildings were inter-connected with multi strand fiber and copper trunk cables.
- All buildings were cabled with **CERTIFIED** 5e copper (total of 600 cables-130,000' feet of cable)
- Designed and project managed all aspects of the telecommunications.
- Designed and deployed all fiber, network and voice related switching.
- Project cost: \$210,000.00

This satellite image shows an aerial view of the seven campus building locations.



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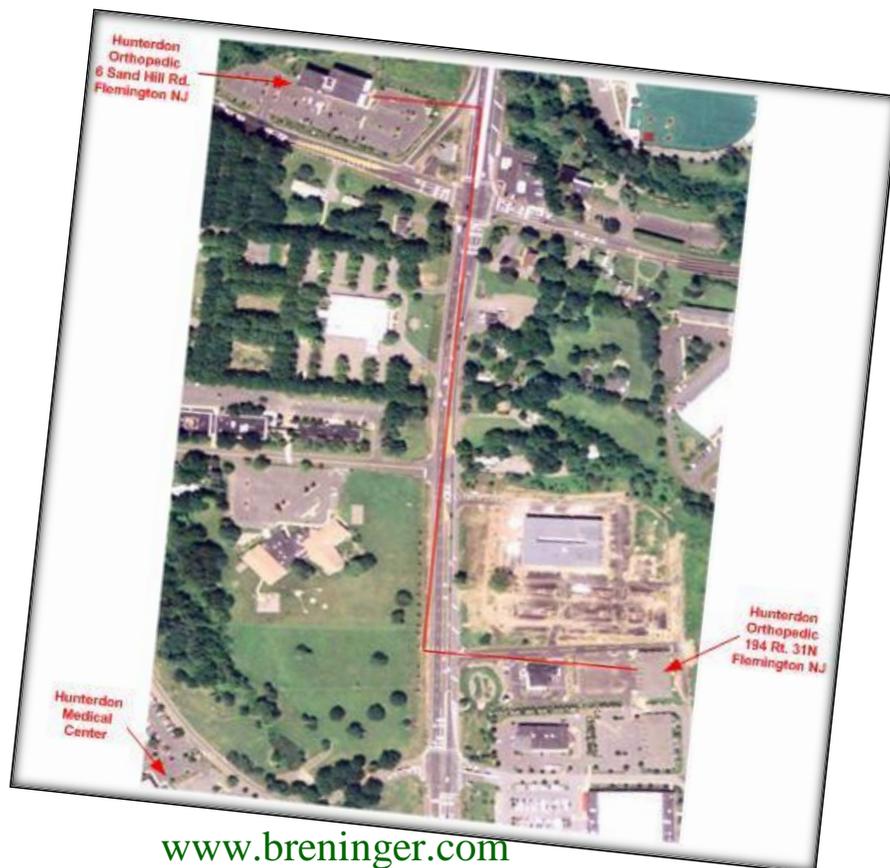
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Hunterdon Orthopedics Institute

Flemington, NJ 08822

- Designed all related electronics and infrastructure for voice, data and video.
- This application including the connecting of their remote office for telephone, data and video.
- Both locations were cabled with **CERTIFIED** 5e copper (total of 300 cables- 60,000' feet of cable)
- Designed and project managed all aspects of the telecommunications.
- Designed and deployed a VoIP telephone network.
- Designed and deployed a call center that handles over 300 calls per day.
- Designed all network and voice related switching.
- Designed and implemented all battery back-up systems.
- Project cost: \$110,000.00

This satellite view shows the campus buildings.



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Samsung Verizon Cell Phone Vendor Service Center

Bridgewater, NJ 08807

- Implemented a **CERTIFIED** category 6 cabling infrastructure which totaled 250 cables (60,000' of cable).
- Designed and implemented all aspects of the telecommunications.
- Designed the IT data room, which included three network management racks.
- Designed and implemented all battery back-up systems.
- Project cost: \$105,000.00



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Mercedes Benz of Flemington

Flemington, NJ 08822

- Designed all related electronics and infrastructure for voice, data and video.
- Installed 300 **CERTIFIED** 5e cables (70,000' of cable).
- Worked closely with the project managed team of the ADP hosted VoIP PBX.
- Designed and implemented all battery back-up systems.
- Designed and implemented all aspects of the over-head public address, video and audio systems.
- Designed the IT data room which included four network management racks, electrical and HVAC.
- Project cost: \$85,000.00



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**Hunterdon Medical Center
Wescott Medical Arts Center**
Flemington, NJ 08822

- Designed and implemented all aspects of the **CERTIFIED** 5e structured cabling system, which was a total of 500 cables (150,000' of cable).
- Designed the IT data room, which included four network management racks.
- Project cost: \$65,000.00



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Mercedes Benz of Princeton

Lawrenceville, NJ 08648

- Designed all related electronics and infrastructure for voice, data and video, which included 250 **CERTIFIED** 5e cables (65,000' of cable).
- Designed and implemented all aspects of the telecommunications.
- Designed and implemented a fiber optic backbone connection.
- Designed and implemented all battery back-up systems.
- Designed and implemented all aspects of the over-head public address system.
- Designed the IT data room, which included two network management racks.
- Project cost: \$85,000.00

Trump National Golf Club Colts Neck

Colts Neck, NJ 07722

- Designed all related electronics and infrastructure for voice, data and video.
- The voice and data cabling was **CERTIFIED** 5e and totaled 325 cables (82,000' of cable).
- Designed and implemented all aspects of the telecommunications.
- Designed the IT data room, which included four network management racks.
- Designed and implemented all battery back-up systems.
- Project cost: \$95,000.00

American Red Cross of Northern NJ

Regional Command Center.

Fairfield, NJ 07004

- Designed all related electronics and infrastructure for voice, data and video.
- The voice and data cabling was **CERTIFIED** 5e and totaled 500 cables (120,000' of cable).
- Designed and implemented all aspects of the telecommunications, which included the ability to operate as a regional disaster center. This was first tested and passed during the September 11 disaster.
- Designed the IT data room, which included four network management racks.
- Designed and implemented all battery back-up systems.
- Project cost: \$105,000.00

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