

Pediatric Services of America

Pediatric Services of America delivers quality pediatric services with the IBDN end-to-end structured cabling system

Pediatric Services of America (PSA) is renowned for being the nation's leading pediatric home healthcare provider. PSA has dedicated itself to helping provide a better quality of life for its patients using technology to make a full range of health services more accessible.

The employees of PSA share a vision of the role they play in the healthcare industry. They are committed to responsible care in maintaining their position as the leading provider of pediatric healthcare services. PSA employees' commitments are supported by providing the highest quality service in pediatric healthcare, fostering clinical excellence, combined with integrity in relation to PSA's customers and clients, and efficiently managed integral growth and development.

In February 1998, PSA completed the construction of its 60,000 sq.ft., 2 floor building in Norcross, Georgia. The construction includes the installation of the IBDN end-to-end structured cabling system, manufactured by NORDX/CDT, Inc. and consequently designed and installed by Cable Pro, a NORDX/CDT Certified System Vendor.

To meet the initial and future data, voice and video requirements of the PSA facility, a first-quality network cabling infrastructure system using a copper backbone, was engineered and implemented by Cable Pro.

PSA services are designed to comprehensively address the full range of home health care needs of pediatric patients, particularly the needs of medically fragile children that are dependent upon sophisticated nursing care and medical technology. Many pediatric patients suffer from complex medical problems,

most of which result from premature births or genetic abnormalities.



Main entrance, Pediatric Services of America Norcross, GA.

Patients suffering from these disorders typically require intensive and specialized treatment over an extended period of time by many professionals trained in neonatal and pediatric care. PSA also provides technically advanced equipment for medically fragile children at home, such as ventilators, apnea monitors, aerosol generators and other specialized medical

equipment. To compliment its pediatric respiratory and infusion therapy services, PSA also provides respiratory and infusion therapy and related services for adults.

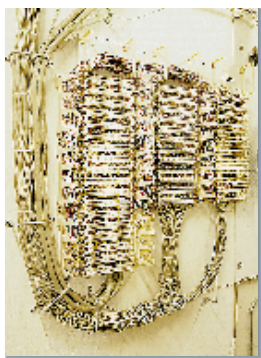
"Today's technology is great. You can own and utilize all the latest and greatest equipment today's technology has to offer, however if the integrity of your cabling infrastructure is inferior, you could be wasting your resources. We chose Cable Pro and NORDX/CDT because they together, offered a system that meets all of our present and future needs",

explained Kevin R. Metz, manager of data telecommunications at PSA. "We needed a cabling system that had good name-brand recognition, pre-and post-installation support, one that is easy to modify with moves, adds and changes along with the installation being

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managed and executed by a reputable and dependable contractor".

The wiring for Local, Campus, and Wide Area Networks (LANs, CANs and WANs) is what allows for increased data transmission speeds to be made possible. PSA depends on this for its Oracle Financials system and other advanced applications which include a patient record-keeping application for high tech medical equipment rental, and insurance database that helps manage and transmit electronic



A view of 110 IDC wall-mounted installation for voice applications

billing from it's 200+ locations into the main PSA headquarters in Norcross, Georgia. Other advanced applications include Internet access via an enterprise-wide LAN to help corporate personnel research industry compliances. Cable Pro specified copper for the backbone; Category

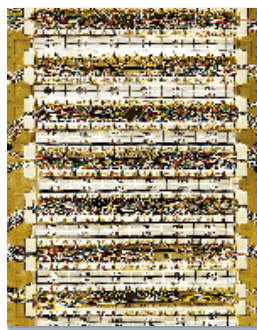
5 for data applications and Category 3 for voice applications. This installation includes (38) single Category 3 stations; (52) single Category 5 stations; (12) quad Category 5 stations and (372) dual; (1) Category 5 and (1) Category 3 station. The building has 1 main distribution frame on the second floor and 2 intermediate distribution frames, one of which is located on the ground floor and the other on the second floor; (4) 24-port Category 5 patch panels and (11) 48-port Category 5 patch panels.

This facility also marks the first installation of NORDX/CDT's 110 cross-connect system which includes connecting and wiring blocks, cross-connect kits, wall mount frame kits and patch cords.

The cable plant was designed to support PSA's current applications such as 100Base-T Ethernet, while providing a seamless migration path to the possible future implementation of ATM and FDDI applications.

Finally, system Certification was important for PSA. The cabling infrastructure has been certified under the NORDX/CDT Structured Cabling System Certification Program which certifies that the PSA cabling system will be registered and supported by the industry's most comprehensive warranty program, including a 25 year product warranty and a Lifetime Application Assurance Program. This means that it complies with EIA/TIA - 568A guidelines for "Category 5" data cable installations which sets forth strict procedures and practices for the installation process.

"It's great when the cabling infrastructure components are color-coordinated and aesthetically designed, it is pleasing, especially in a new building"



A close-up of 110 IDC wall-mounted blocks

explained Metz, "In addition, the IBDN system makes troubleshooting much easier because of its organized design and the flexibility of the components. That's a great comfort to me, since I'm responsible for keeping our networks up to date and running smoothly."

All IBDN solutions are designed and tested end-to-end for reliable performance. This is an important issue when considering the 200+ locations that rely on this new PSA headquarters for corporate communication of their common applications. With the IBDN system, the PSA campus is backed by a dependable infrastructure built to perform and ready for future growth.

For more information on NORDX/CDT and our product lines, please call:
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