



▶ New Jersey Office of Information Technology

Client:

State of New Jersey Office of Information Technology (NJ OIT)

Problem:

NJ OIT needed to consolidate and better organize their two main Data centers to increase efficiencies and security. The Data Centers originally consisted of Ergotron open racks, open frame workstations for the servers and displays, and insufficient cable management. Another area that was redesigned is the NCC Help Desk. This area consisted of ten traditional cubicles for a growing team of professionals that had to move around the room to view and work on various applications.

Solution:

Premier LAN Modules were installed with Avocent XP Systems and front ended with DS1800's – this allowed their administrators to access equipment from the main office instead of traveling between three sites.

The Premier LAN Modules provide rack space for clients with free standing and rack mount servers of all types. KVM and network connectivity is local to every rack bay. This connectivity is efficiently managed using the built in cable troughs in the Premier LAN Modules to the Easy Tray cable baskets under the raised floor to the Cable Track Racks with 4"W cable channels. The NCC Help Desk area was outfitted with 20 spacious 60"Wx49"D VisionLine consoles with reverse corners and a Command Station for the Supervisor. This created a theatre

arrangement putting critical applications in the line-of-sight. Using the same Avocent switches used in the Data Centers, a system was integrated that allowed the Help Desk to switch among all their critical applications and display them instantly on two 50" Plasma Screens.

Emtec (formerly Westwood) worked closely with the NJ OIT's Management and their IT Strategic Partner, Transition Systems Corporation. This allowed all project partners, including Avocent and Ace Electronics, to properly assess the State's needs for security, management, organization and growth in both the Data Centers and the Help Desk environments. The project partners worked closely to develop short and long-range goals for the NJ OIT.

Results:

All the project partners were able to work together and manage the design, so that the implementation was smooth. The State of New Jersey OIT was able to migrate their hardware as planned, improving security and making room for additional clientele. The infrastructure that is now in place is more manageable and centralized, but ready to grow dynamically as needed.

About Emtec: Established in 1964, Emtec, Inc. is a systems integrator that provides IT services and products to the federal, state, local, education and commercial markets. Our market leading value-based management methods, coupled with best-in-class IT technology, consulting and development services, address a wide range of specific client needs, as well as support broader IT transformation initiatives. Emtec's service capabilities span the United States, Canada and countries around the globe.