

Success Stories



Falk Cardiovascular Research Center



Stanford University Falk Cardiovascular Research Center is one of the pre-eminent facilities in the world for cardiothoracic surgery and cardiovascular medicine. The center comprises 52,000 square feet, and is located just off Quarry Road on the Stanford campus, adjacent to Stanford University Hospital and Lucille Salter Packard Children's Hospital. Staff and physicians occupy a mezzanine-style second floor around the atrium, with research laboratories and other rooms occupying the lower floors.

Network Management Corporation (NMC) was contracted to provide general networking services to the Falk Research center. A noteworthy project included installation of server based Optical Storage to provide adequate storage space for archiving graphic files. The files were digital images of hearts of many patients diagnosed with heart disease. Doctors and technicians studying the effects of treatment of the heart disease use the images to track changes that occur over time. File storage requirements for the images can quickly become multi-gigabit folders.

NMC installed the optical solution as a mountable network drive attached to a Novell NetWare server. The solution appeared as a mapped drive letter to users who accessed the storage drive. The optical media is removable so that it can be stored for future access.

NMC has provided network cabling and infrastructure services for office space relocations and research area remodeling projects. NMC was one of the first service companies to install twisted pair technology at the Falk Center and Stanford Hospital.

The uniqueness of the research center required NMC to be sensitive to research environments and the highly critical nature of research data on the network. NMC took care to accommodate work schedules and minimize impact to research staff and laboratories.

The Falk Research Center has always been in the forefront of progress, both in medical research and in state of the art networking.

