

# St. Dominic-Jackson Memorial

St. Dominic-Jackson Memorial Hospital, a subsidiary of St. Dominic Health Services, is a 571-bed not-for-profit acute care hospital. St. Dominic was established in 1946 when the Dominican Sisters came to Jackson to assume operation of the Jackson Infirmary. Over the years, St. Dominic's response to the ever-growing health care needs of the people of Mississippi has positioned them as one of the leading not-for-profit hospitals in the Southeast.

## St. Dominic-Jackson Memorial operates with Alcatel

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**Danny Little**

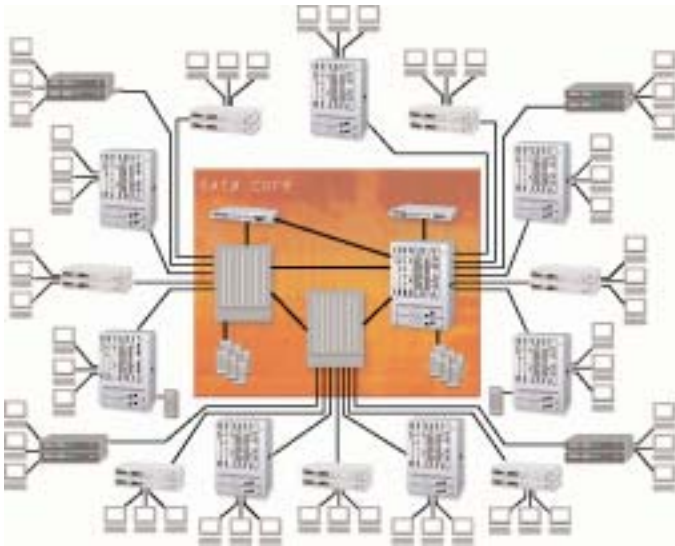
Technical Systems Manager  
St. Dominic-Jackson Memorial

When St. Dominic’s ability to provide adequate services for their patients was threatened by an inefficient and outdated computer network, they turned to Alcatel. John Watson, Applications Manager at St. Dominics explains, “The transfer of medical information and things like that requires that our up time really stay at 100%. We also transfer very large medical images. Performance is an issue for transferring those files in a timely manner.”

### **The forefront of technology**

Offering a wide range of medical and surgical services, St. Dominic-Jackson Memorial Hospital includes both comprehensive inpatient and outpatient services. From the technically advanced Diagnostic Imaging Services to the dedicated excellence of the Mississippi Heart Institute, St. Dominic remains at the forefront of diagnostic and therapeutic technology.

St. Dominic employs 1,700 staff and over 450 physicians, of which 1,500 are users on their network. When asked what is required in a network to support a staff that size, Watson replied, “A stable, high performance, secure network.”



*Saint Dominic Jackson Memorial Hospital, located in Jackson, Mississippi, uses Alcatel Internetworking Division equipment to deploy a network for 1,500 users with 85 mostly centralized servers in a star topology. The WAN consists of an ATM OC-3 backbone made up of IBM 8265's, using Ethernet 10/100 to the desktop at one location.*

St. Dominics consists of many Alcatel Omni Switch/Router, OmniSwitch and OmniStack network elements throughout their campus which includes 85 centralized servers. Their backbone consists of ATM technology, and they run 10/100 Ethernet to their desktops. They are connected to another local hospital and a retirement facility via a WAN connection.

#### **Alcatel products meet HIPAA requirements**

Danny Little, technical systems manager, explains "While building our network, Alcatel's products fit our needs perfectly. We liked Alcatel's any-to-any switching and their flexibility, as well as their personalized service. Every time the sales rep came in, he was very good about teaching us new technologies and explaining in simple terms what we needed to purchase. The personalized service was really excellent."

When asked how he came to select Alcatel as the network vendor for St. Dominics, Little explained, "Originally, when the sales rep came in and talked to us about HIPAA regulations, it was clear that Alcatel was going to meet those regulations before anybody else. They're looking to try to help health care organizations accomplish their goals."

HIPAA, the Health Insurance Portability and Accountability Act, was passed by Congress in 1996. It is a multi-part legislation intended to provide portability of insurance, provide administrative simplification, reduce Medicare/Medicaid fraud and abuse and protect the privacy, confidentiality, and integrity of electronically transmitted, individually-identifiable health information. Alcatel's has worked to ensure that its equipment is fully compliant with this legislation.

When asked if St. Dominics would recommend Alcatel, Little replied, "They are very fairly priced and very competitive, and interoperable. Our expectations have been met."

Alcatel

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