

## Success Stories



**S**unoptics Prismatic Skylights (SPS) is a Sacramento based manufacturer of prismatic skylights. Their superior design and construction makes them the top suppliers of skylight systems. SPS makes skylights better than conventional products by creating thousands of tiny prisms that refract sunlight into micro light beams that are directed throughout the room. The result is a soft yet bright natural light. Their skylights are used by customers like Walmart, CSAA, Bel Air Supermarkets and many others.

*Network Management Corporation (NMC)* was asked to review the needs of Sunoptics's data and voice infrastructures. Sunoptics planned to implement a new business application designed to run on the Microsoft Windows 2000 platform. This would require cross platform integration with their existing Macintosh network. Their telephone system needs were changing as well. Centrex telephone service was becoming costly and inflexible and a new phone system was desperately needed. Sunoptics's growth was pushing expansion and required them to lease additional manufacturing space a half mile from their main facility. The new space had no access to data or voice services from the main facility.

NMC proposed an IP Convergence solution that included installation of a 3Com NBX Voice over IP (VoIP) telephone system, 3Com wireless bridge between buildings, new Windows XP workstations, Windows 2000 server, UPS systems and multi-building paging capability.

NMC installed a 3Com 802.11 wireless bridge between the two facilities to support both data and voice requirements. The project included installation of 30 Category 5 cabling locations and new Ethernet switches. New IDF's were created for both facilities. As an **Integrity**<sup>TM</sup> certified company, *NMC* was able to provide a 30 year warranty on all Belden and Panduit installed products and labor. *NMC* stressed the importance of correctly installed cabling as the foundation for both their data and voice network.

The NBX VoIP system enabled Sunoptics to setup a professional automated attendant menu that helps customers and employees navigate departmental and personnel directories, record or retrieve voicemail, redirect calls, and use the paging system to make announcements or page personnel in both buildings.

Today Sunoptics has a state of the art IP converged network that provides dependable data and voice services over wired and wireless infrastructure. Simplified administration reduces Sunoptics's total cost of ownership of the network and helps Sunoptics maintain a competitive edge over the competition with higher levels of service to their customers.