



Cree

CUSTOMER

Cree, Inc. is a semiconductor manufacturer specializing in Silicon Carbide based electronics headquartered in Durham, North Carolina with both domestic and international offices and manufacturing centers. Cree's variety of products include LED fixtures and bulbs, blue and green LED chips, high-brightness LEDs, lighting-class power LEDs, power-switching devices and radio-frequency/wireless devices. Cree offers energy-efficient solutions to improve functions such as general illumination, back lighting, electronic signs and signals, variable-speed motors and wireless communications. Approximately 4,000 people are employed by Cree with offices located in the USA, Malaysia, China, Sweden and Germany.

CHALLENGES

Cree had previously used Monitor Dynamics Incorporated (MDI) Safenet Application for many years. The system had been installed in the 1980s and proved to be very efficient in the beginning. Throughout the years the MDI system's technology began failing and could not keep up with Cree's evolving security needs. As time went on and technology progressed, Cree was losing security power and the system's upkeep was becoming a nuisance that was not only draining the company of time and resources, but not providing the minimum security needed. Additionally, Cree was using a burglar proof MDI Alarm Zone Controller that was extremely difficult for administrators to use and could not withstand the climate's humidity.

SOLUTION

After years of being unsatisfied with the company's access control system, Cree decided to make improvements and install a completely new system with innovative technology and user-friendly features. Cree chose Southern Security Group as their integrator for an Open Options DNA Fusion access control system based on the accessibility of the software's features and that it operates on Mercury Security's open platform hardware. Because the company needed over 6,000 card holders' data moved to the new DNA Fusion system, Cree also chose to purchase OpenDX Personnel Data Exchange Software to eliminate labor-intensive and costly manual data entry. Cree performs much of its own maintenance and installation causing user education and technical support to be very important. Administrators visited the Open Options office to complete in-depth, hands-on training to ensure that Cree could effectively take advantage of the system's full potential.

FAST FACTS

Customer

Cree

Technology Partners

- Open Options Access Control
- Mercury Security
- Southern Security Group

Industry

Semiconductor Manufacturing

Geography

NC, CA, Malaysia and Mainland China

