

Turner Road Vintners

winemakers experience peace of mind

CUSTOMER NEED

In 1998, Turner Road Vintners had outgrown its existing facility. To handle its increasing crush volume, the company built a new winery. To achieve optimal efficiency, the new facility required a refrigeration control system that would monitor its components throughout each crucial stage of the winemaking process.

LOGIX SOLUTION

Logix installed several distributed control panels to efficiently manage Turner Road's refrigeration equipment and monitor the temperature of all chillers. This allows winemakers to monitor and control temperature in the tanks, and allows winemakers remote access to setpoints and logging. The Logix system also monitors temperature in many of the storage tanks, controls pump-over operations and provides local and remote access through the company's network.

BUSINESS VALUE DELIVERED

With the Logix control system, Turner Road now enjoys precise temperature control during fermentation, and reduced energy consumption (load-shedding) during peak pricing hours. In addition to the technical benefits of the Logix system, winemakers experience greater peace of mind, thanks to automated notifications of potential system problems and the responsive expertise of Logix technical support.

Turner Road Vintners of Lodi, California, has been producing superior wines for more than 20 years. In 2000, the winery was purchased by Constellation Brands, Inc., one of the nation's leading beverage producers.

Beginning with grapes grown in Northern California's rich soil and ideal climate, Turner Road has committed itself to superior quality in every step of the winemaking process. That includes investing in state-of-the-art equipment to ensure that its final product is consistently excellent.

In addition to its commitment to quality and customer satisfaction, the company maintains rigorous employee safety standards, and makes environmental preservation a top priority. Examples of Turner Road's environmental efforts include its recycling of 90% of its waste, its installation of a natural treatment facility to reuse wastewater for landscaping, and its maintenance of an unpolluted habitat for area wildlife.



Temperature Control Precision and Reduced Energy Consumption

Turner Road now enjoys precise temperature control during fermentation, and reduced energy consumption (load-shedding) during peak pricing hours.

"We chose Logix because we like the ease of moving through the system to see what is happening in the tanks. We liked its easy-to-read graphics, and most importantly, that it is expandable."

*– Chuck Bramell,
Turner Road Vintners
(Constellation Brands, Inc.)*

In 1998, the company outgrew its facility and constructed a new crushing, fermentation and bottling facility. Given the size and scope of the new operation, a refrigeration control system was necessary. Turner Road's Chuck Bramell, Maintenance Manager, says that the company evaluated several refrigeration controls solutions. "We had the opportunity to look at a lot of control equipment," he says. "We chose Logix because we like the ease of moving through the system to see what is happening in the tanks. We liked its easy-to-read graphics, and most importantly, that it is expandable."

Turner Road contracted with Logix to install its control system in the company's new winery before the 1998 crush. Logix provided Turner Road's technicians with thorough training on the new system before the operation launched, and Logix continues to provide excellent customer support, according to Bramell. "A technician can call Logix at any time and be walked through the system," he says. "We've had a really good working relationship."

The benefits of the Logix system were evident throughout the initial crush and fermentation processes, and continue today, Bramell reports. The Logix system provides "full visibility of what's happening in the tanks during fermentation," he says. Furthermore, the Logix system's ability to accurately and reliably control temperature provides Turner Road winemakers with the peace of mind that comes with knowing that their product is not at risk. Should a problem arise, says Bramell, there is the added comfort of knowing that the Logix system will automatically alert technicians to the situation. In an industry where consistent temperature control is vital to the product's ultimate quality, Bramell identifies the precise control provided by the Logix system as one of its key advantages. "You just set it and walk away," he says.

Beyond their appreciation of the Logix system's ability to support their stringent product quality and safety requirements, the winemakers at Turner Road also credit the system's energy-reduction and environmental benefits. Turner Road has seen a significant reduction in energy consumption during peak hours, making Logix an ally in the winery's commitment to environmental protection and conservation.

As Turner Road Vintners continues to grow, its Logix system is continuously expanding as well. According to Bramell, the winery has expanded its system nearly every year since its initial 1998 installation, beginning with 54 tanks and now boasting 102 tanks controlled by the Logix system.

"I just keep adding," he says. More than 10 years later, Bramell reports that the benefits of the Logix system are more evident than ever: "Other winemakers are envious of what Logix has done for me," he says. "I will continue to use their products and services into the future."

For more information, contact: **LOGIX**

TRV – Committed to Environmental Protection and Conservation

Turner Road has seen a significant reduction in energy consumption during peak hours, making Logix an ally in the winery's commitment to environmental protection and conservation.

"Other winemakers are envious of what Logix has done for me," he says. "I will continue to use their products and services into the future."

*– Chuck Bramell,
Turner Road Vintners
(Constellation Brands,
Inc.)*