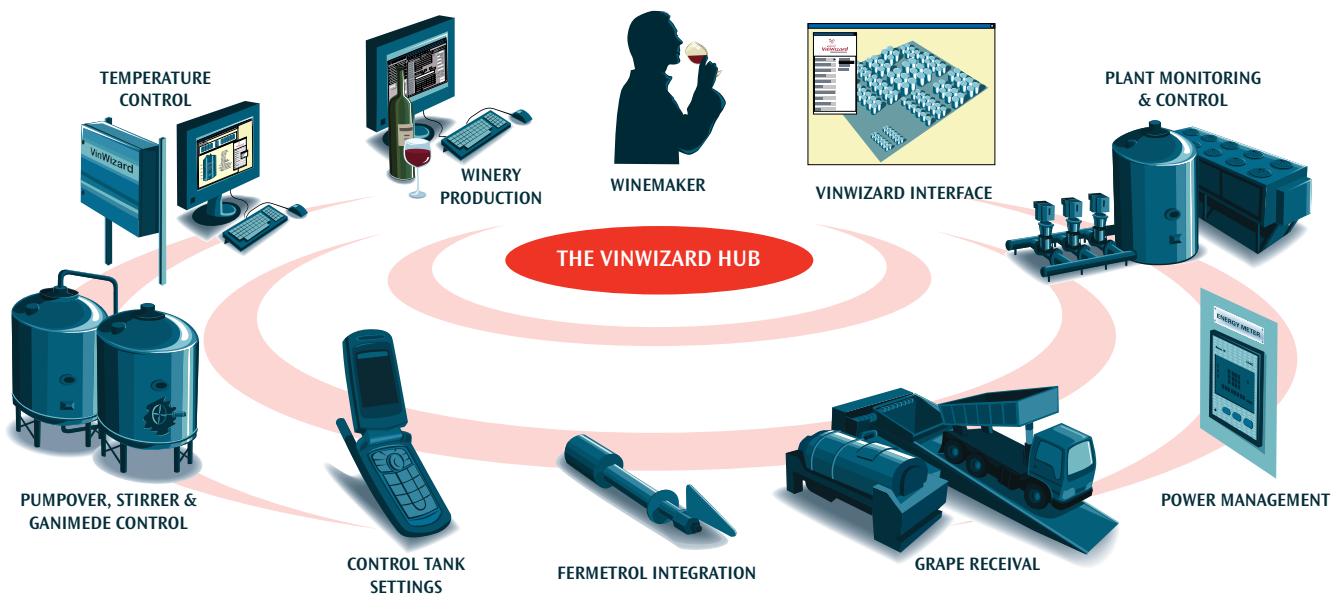


# About VinWizard

VinWizard is internationally recognized as a leader in the provision of winery tank temperature control and automation.

For over ten years we have worked with winemakers around the world developing affordable tools to assist in the production of better quality wine while minimizing winery running costs. VinWizard's modular nature means the winery selects how simple or comprehensive they want the system to be with the flexibility to add more control in the future.



## VinWizard Interface

VinWizard is a remotely accessible, graphical, interface that communicates the winemaker's requirements to the hub which in turn controls all the VinWizard modules.



## Temperature Control

The temperature module automates the control of temperature at the tanks and allows the winemaker to express his artistry through innovative functionality.



## Fermetrol Integration

Provides continuous on-line graphical representation of the ferment 'rate of change' (sugar and alcohol levels). VinWizard can automate tank temperature control based on this information to meet the winemaker's rate of change requirement.



## Grape Reival

The grape reival module can automate the collection and reporting of grape reival information through to controlling the flow of must to the presses, dosing the juice, printing delivery dockets etc.



## Power Management

A more efficient usage of winery infrastructure is possible as a result of VinWizard communicating with all aspects of the operation from the winery management system through to tanks, chiller units, pumps, must lines etc.



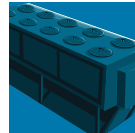
## Control Tank Settings

The control tank setting communicates with all parts of the winery. Any kind of alarm can be raised via SMS or hard wiring to alert the winemaker of potential problems relating to the wine in the tank or equipment failure.



## Pumpover, Stirrer and Ganimede Control

This module enables the winemaker to monitor and control the pumpover, stirrer, sweep arm fermenters and Ganimede tanks via the VinWizard interface.



## Plant Monitoring and Control

The plant module integrates to the refrigeration system, pumps, must lines, air compressors, coolant tanks etc and raises alarms when required.



## Winery Production

Third party software packages that are able to interact with the hub are integrated into the VinWizard system to further enhance the winemakers control and understanding of the winery.



## Winemaker

Whether at work, at home or overseas, the winemaker has total visibility and control of the winery in addition to anytime/anywhere alarm notification.

# VinWizards Major Benefits

- **An Advanced Range of Temperature Control Features:**  
Available to wineries of all sizes rather than just larger sites
- **Energy Management:** Gain immediate power cost savings in the region of 30% with greater potential savings as a result of total winery integration
- **Integrated Anytime/Anywhere View of Your Winery:** See your winery as an integrated system and gain an understanding of how all parts can work together more efficiently
- **Affordable and Innovative Future Development and Growth:**  
Easily implement new modules such as pumpover or grape receipt automation through the VinWizard interface as you require them
- **Reduce the Impact of Mistakes and Machinery Faults:**  
Comprehensive alarm systems lower the risk of technical failures resulting in compromised wine quality
- **Automation:** Automate key elements of the wine making process allowing staff to effectively manage these critical processes with minimum opportunity for mistakes
- **Consistent Quality and Increased Marketability:** VinWizard allows past successes to be repeated to ensure market expectations are met in terms of consistency, quality and quantity
- **Traceability:** Add traceability to the entire process from grape receipt to post fermentation

## Standard VinWizard Tank Temperature Control Features

Start with VinWizard's Tank Temperature Control. Our features give the winemaker unmatched levels of control of their tanks including;

- Anytime/anywhere access from any computer on the winery network or remote internet enabled device
- Option for manual changeover heating and/or cooling or fully automatic control
- Dynamically updated 'three dimensional' screen views of the winery showing real time information such as control status and tanks in alarm
- Comprehensive alarms including deviation, rate of change, high/low and day/night options
- SMS alarm gateway to facilitate direct 'winery to cellphone' text alarms
- Tank priority can be used to shed power usage with a 'critical' level used for fermenting wine or tanks that need to stay at their setpoint regardless
- When a time period has elapsed or a temperature milestone is reached, 'events' can be used to trigger a subsequent action, e.g. when temperature reaches 30C, send me a confirmation SMS text and then increment to a new setpoint of 28C over a 6 hour period
- Profiles can be set with as many automated steps as required for a ferment and then allocated to any tank or group of tanks (time or event based)
- Night cooling allows the winemaker to schedule all cooling for off peak periods during which the tanks are cooled to a level slightly below the setpoint and allowed to rise during the day
- Current and historic fermentation graphs with 'drill down' capabilities
- Control history gives detailed audit history on who did what and when
- The watchlist enables you to add a tank or device to a dedicated menu so it can be accessed easily by the person or group the watchlist is allocated to
- Empty tank functionality for when a wine is moved
- Presets allow specific temperature control configuration for scenarios such as 'red ferment' and then that preset can be allocated to tanks meaning a quicker way to set tanks and less potential for error
- Facilitation of multiple temperature monitoring points or control points per tank
- View tanks according to Group, Status, Empty, Tanks Turned On/Off (and export to Excel)
- Reports include Ullage, Status, Volume and Tank Status
- Simple administration steps to set up new users and tanks to the system
- Software processing platform

For further information please visit [www.vinwizard.com](http://www.vinwizard.com) or contact us at:

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