

# Specialized software solutions for wine industry



The quality of grapes and implicitly of the wine is very important for grapes and wine producers. The quality is influenced by a number of factors that can be monitored and controlled with the help of technology. Thanks to the evolution and the adoption of technology and information solutions in the latest years, they are now able to manage the complete flow, starting from the pursuit of the specific activities in the vineyard and to the obtaining and commercialization of the wine.



Always get  
quality  
grapes and  
wine



Get full traceability  
from grapes to wine  
bottles



Optimize the  
resources involved  
in wine and wine  
cellar activities



Get specific  
reports for  
viticulture and  
winemaking

The BITSoftware solution package for grape and wine producers is specialized, complete and integrated, covering all processes. We start from monitoring the farms and vineyards, planning and carrying out activities taking into account the phenological evolution, weather forecast, previously applied treatments but also the location of the vine, soil and grape variety as well as the wine style to be followed by the oenologist. .

All the processes that take place in the winery are controlled: from the reception of the grapes to the obtaining of the conditioned wine, the planning and monitoring of its bottling, ending with the commercial management of the different sales channels.

# Functionalities

## Vineyard monitoring

Monitor and manage the vineyard by mapping and geolocating the plots, planning and conducting inspections and observations, monitoring and analyzing the data received by sensors, informing about the weather phenomena and evaluating the impact on the vineyards, taking into account the previous treatments.

## Activities management

Plan, execute and track the activities carried out during the wine year, with the allocation of resources such as employees / day laborers, agricultural equipment, substances for each work, assigning hours and quantities (individually and in teams), as well as tracking the mechanical works by integration with third-party GPS systems.

## Specific treatments

Apply treatments in the vineyard, only when necessary, depending on adversities (diseases, pests), weather forecasts, previous treatments and field observations.

## Wine cellar management

Monitor the winemaking process step by step (decortication, crushing, pressing, obtaining the must, fermentation, obtaining and conditioning of the wine, maturation with a complete traceability of the movements through tanks, containers and barrels, ending with the planning and bottling management), maintain a history of the activities and support (through analysis and tastings) to make the best decisions for achieving the desired style and quality of the wine.

## Management of bottling and packaging processes

Plan and monitor the process of bottling and packaging of wine, track and manage recipes, consumption, labor and time with the related budget.

## Traceability and document flow

Get lot traceability starting from the reception of the grapes, going through the winemaking process to bottling and marketing and sales, the information being available at any time through the documents flow and specific reports (in real time and on any fixed or mobile devices).

## Commercial management

Manage the processes related to the marketing and sales of wine, starting from the configuration of the products and their definition in the system to invoicing, delivery and collection with various commercial policies and management of distribution channels.

## Financial and accounting management

Manage the entire financial and accounting activity in a uniform and standardized manner, offering all the reports and statements required by law. Operational information is automatically transferred to accounting, thus avoiding operating errors and reducing the hours consumed for carrying out monthly statements.

## Industry-focused reports

Get specific reports with one click: productivity reports, quality, related alcohol grades, bottling, wine cellar register, daily winemaking register, costs and profitability.

