



Solution Overview

Washington Wine Industry Foundation – USDA Grant

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During 2007, 2008, and 2009 4QTRS developed a vineyard database content management system that growers can use for effective and efficient viticulture management.

Solution

Working with the WWIF, 4QTRS, researched technologies and industry requirements to build a vineyard database content management system that growers, vineyards, and vintners use for effectiveness and efficiency in making viticulture management decisions.

Using the CMS, participants have access to immediate, current and comprehensive weather information, enhanced spray recommendations and application tracking, along with the ability to capture and share grower records. The CMS system provides tools to assist participants with managing issues surrounding sustainability, traceability, and access to grower-related research; while providing greater industry data, industry communication, and collaboration.

Benefits

Key benefits of the new system include:

- Provides a simple, familiar, and consistent user experience
- Boosts participant productivity by simplifying everyday business activities
- Helps meet regulatory requirements through comprehensive control over content
- Accelerate shared business processes across organizational boundaries
- Enable people to make better-informed decisions by presenting business-critical information in one central location
- Single data entry from observations in the vineyard will record the vines per acre, number of canes on a plant, number of clusters of grapes per canes, the average weight per cluster. This information gathered over time will roll up into a projected tonnage per acre in blocks surveyed. The information can be made available to outside agencies as necessary, and retain anonymity from its source.

Technical experience and expertise

4QTRS provided experienced subject matter experts as they relate to Project Management, Needs Analysis, Industry Focus Groups and Surveys, and Microsoft's Windows SharePoint Solutions development.

Customer Profile

The Washington Wine Industry Foundation, a nonprofit, exempt Washington corporation is the fund-raising and gift-receiving organization for the Washington wine industry and other donor-designated organizations. Organized as a 501(c)(3) in 2001, the Foundation engages those who care about the wine industry, provides opportunities to enhance scholarships, education, outreach and research.

Business Situation

Prior risk management education efforts by the Washington Wine Industry Foundation had focused on business (e.g. contracts, insurance, planning, and data availability) and technical (e.g. management of soil, nutrients, and pests) topics. While all of these represent critical components in sustaining viable production agriculture, having user-friendly access to basic industry data on a timely basis would significantly increase the power and feasibility of doing this work. This project worked to fill existing industry information voids, thus providing growers with "real time" data from which they can make timely decisions within a dynamic marketplace.

Services

- Concept Definition
- Design
- Build
- Deploy
- Project Management
- Custom Programming
- Site design and deployment

Technologies

- ASP.Net
- C#
- SQL Server 2008
- Hosting
- Windows SharePoint Services

For more information about 4QTRS solutions – <http://www.4qtrs.net> – Telephone – 509-469-0409 – Email – info@4qtrs.net

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