

SAP FARM MANAGEMENT BY VISTEX

The Complete
Field-to-Fork SAP
Agriculture
Solution

SOLUTIONS FOR SAP



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THE CORE COMPONENT

of the enterprise-class Vistex Agribusiness Solution, the SAP Farm Management by Vistex module, is a comprehensive and integrated business software designed specifically for agro-industrial companies, supporting the full life cycle of farm management operations. From planning and planting, to growing and harvesting, SAP Farm Management by Vistex combines the day-to-day needs of field managers, supervisors and workers with the analytical requirements of senior management.

Utilizing SAP ECC or S/4HANA to gather and capture non-aggregated data, SAP Farm Management by Vistex module centralizes data execution from the many different agriculture processes and automatically generates controlling, quality, planning, and maintenance information. Eliminating the ongoing challenge of costly and inconsistent data entry, SAP Farm Management by Vistex empowers management to set common goals and establish a shared vision through the interpretation of real-time synchronized data, adding up to increased end-user productivity. No other agricultural software brings field and mobility together, connects back-office operations, or provides such in-depth analytics.

Core components of the SAP Farm Management by Vistex module:

FIELD PLANNING

PLANTING

HARVEST OPERATIONS

CHEMICAL APPLICATION TRACKING (CAT)

IRRIGATION MANAGEMENT

NURSERY MANAGEMENT

GROWING



Designed specifically for Agribusiness

SAP FARM MANAGEMENT BY VISTEX ADDS VALUE BY PROVIDING:

- Integration with SAP ECC and S/4HANA offers complete insights into complex supply chain contracts throughout planning, contracting and execution cycles, coupled with comprehensive analytical capabilities
- A single solution with fully integrated processes, eliminating the need for disparate data
- A single platform database and server, where all processes are centrally managed and accessible, ensuring data integrity
- A versatile architecture capable of supporting various crop production cycles, including mono-crop, multi-crop and crop rotation with differing planning, planting and harvest requirements
- Field and activity specific task management – plan, execute and performance analyze each field activity
- Planning tools that factor resource challenges typical in agribusiness such as processing plant capacity, land availability, machinery, labor and supplies
- Produce Traceability Initiative (PTI) technology capable of detailed tracking from initial seeding to grocer's shelf
- Automated irrigation functionality for mass irrigation processes
- Chemical Application Tracking (CAT) tools that exceed regulatory compliance needs and give growers extensive visibility over the chemical application process and results
- Extensive reporting options including SAP BusinessObjects reports and dashboards

Managing the Entire Crop Lifecycle

Planning and Scheduling

Seamlessly integrating the planning processes for plant, nursery, field, and harvest operations, SAP Farm Management by Vistex provides your business with the tools to enable better planning for the most informed decisions.

Traditional inefficiencies and guess-work associated with budgeting and scheduling are eliminated by utilizing historical information, trending, and production goals to automatically determine resources and supplies. SAP Farm Management by Vistex collects data from a range of planning methods, for efficient and accurate allocation of resources for all processes in the crop lifecycle.

Predictable but Flexible Agricultural Processes

Agricultural tasks and processes are easily mapped into SAP Farm Management by Vistex, offering a repeatable yet flexible process that meets the most demanding and unique requirements. Combining costs, time, and resources for every task, Farm Management is able to register field task execution and benchmark against budgets or industry standards. This method of field data collection offers exceptional capabilities for activity-based cost reporting, since every cost is segregated and detailed by task.





Advanced Tools for Managing the Growing Process

Automating the Irrigation Process

Via automated sensors, manual collection, or by utilizing meteorological and soil moisture information, data is automatically aggregated to determine field irrigation needs. The Vistex Agribusiness Solution sets irrigation priority, easily generating irrigation and drainage requirements. Ensuring optimal humidity levels can be accurately monitored, and productivity losses typically associated with inadequate or excess moisture are avoided. With the optimal balance and appropriation of water resources, the Vistex Agribusiness Solution offers cost control while maintaining corporate responsibility for the environment.

Guaranteeing Compliance and Safety for Chemical Application

SAP Farm Management by Vistex offers comprehensive chemical application tracking (CAT) functionality. With advanced CAT, both field and farms gain complete control of logistical, regulatory, environmental and safety issues involved in the handling, mixing and application of chemical fertilizers and pest control substances.

Integration with external systems and interfaces for regulatory compliance provide conduits for accurate, up-to-date information, allowing the Vistex Agribusiness Solution to efficiently schedule the utilization of fertilizer and pest control substances.

CAT functionality, along with other core components within the Vistex Agribusiness Solution, ensures optimal resource utilization, which in tandem with effective irrigation parameters, adds up to greater results for a healthier and more productive harvest.

Harvest Operations

Harvest Operations enable the timely delivery of harvested produce to plant or third-party recipients and incorporate analytical data on harvest scheduling, yield, and actual output.

With produce receipt, weigh-bridge functionality, and integration with the SAP Grower Management for Perishables by Vistex module, Harvest Operations not only allows for the matching of forecasted against actual delivered yield, but also enables efficient settlement to contracts, where applicable.

Regulatory requirements around quality control and product traceability (Produce Traceability Initiative) are incorporated as standard functionality. With Harvest Operations functionality, SAP Farm Management by Vistex streamlines the flow of harvested crops to the production plant, guaranteeing optimal inventory levels to match market demands.

Advanced Tools for Managing Your Business

Dynamic Dashboards and Cockpits with BusinessObjects

Because SAP Farm Management by Vistex was developed completely within SAP ECC and S/4HANA, it is fully compatible with the entire SAP BusinessObjects suite of graphical and dynamic reporting tools. Desktop, web, and mobile reporting tools provide access to all areas of agro-industrial business.

Mobile Data Collection

With the Vistex Agribusiness Solution mobile application, growers can use many SAP Farm Management by Vistex features directly on-location in the field or elsewhere on the farm. With functionality that is responsive to a variety of field-tested devices (handheld, laptop), the mobile application is a standard capability that streamlines the collection and availability of data where and when it is needed. With mobile integration, users are able to collect data on farm logistics, including resource utilization, labor, and task completions.

AT A GLANCE

MANAGE: Land utilization with improved back office operational efficiencies

INTEGRATE: Planning processes for plant, nurseries, field, and harvest operations

ASSESS: Field task execution and benchmark against budget or industry standards

AUTOMATE: Irrigation processes for all fields to avoid loss of productivity

ENSURE: Compliance and safety during mixing, handling, and application of chemical substances with complete chemical application tracking (CAT)



Vistex Agribusiness Solution

Vistex Agribusiness Solution is a complete set of SAP integrated modules, managing all aspects of farm and grower back office operations, and supporting a complete range of crop types and agricultural processes. From plant, nurseries, field and harvest operations to contracting and packaging, processing and payment management, the Vistex Agribusiness Solution addresses the ongoing challenges faced by the agriculture industry. As agribusiness needs evolve, the Vistex Agribusiness Solution scales with customer growth, allowing farm owners and growers alike to manage relations and improve back-office support, as well as production, land yield, and utilization across the entire value chain.



Extend the Vistex Agribusiness Solution with the SAP Grower Management for Perishables by Vistex module

A core component of the Vistex enterprise-class Agribusiness Solution, the SAP Grower Management for Perishables by Vistex module, is a comprehensive and integrated business solution designed specifically for agro-industrial companies and supports the complex processes within the Buyer-Farmer relationship. Contract setup, services support, and ability to settle agreements based on mutually agreed parameters are integral parts of the SAP Grower Management for Perishables by Vistex module.





SAP FARM MANAGEMENT BY VISTEX

The Complete Field-to-Fork
SAP Agriculture Solution

Solutions for SAP

Innovative solution extensions for SAP software.

SAP resells these applications under the following names:



SAP Farm Management by Vistex



SAP Farm Management by Vistex for SAP S/4HANA

About Vistex®

Vistex solutions help businesses take control of their mission-critical processes. With a multitude of programs covering pricing, trade, royalties and incentives, it can be complicated to see where all the money is flowing, let alone how much difference it makes to the topline and the bottomline. With Vistex, business stakeholders can see the numbers, see what really works, and see what to do next – so they can make sure every dollar spent or earned is really driving growth, and not just additional costs. The world's leading enterprises across a spectrum of industries rely on Vistex every day to propel their businesses.

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