



PRODUCT DATASHEET

AVEVA™ Unified Supply Chain

Build knowledge, build process, and build profitability

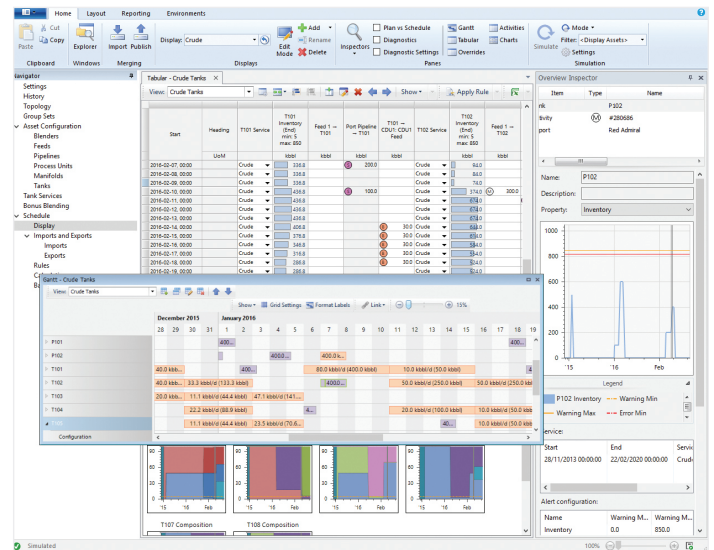
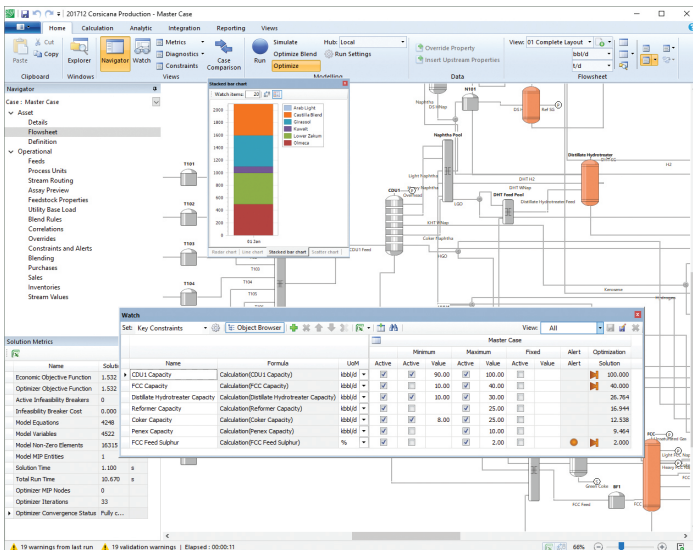
AVEVA Unified Supply Chain is the only truly unified platform for process industry supply chain management. Designed from the ground up to standardize and accelerate feedstock management, trading, plant and network optimization, scheduling and process unit monitoring, AVEVA Unified Supply Chain's single source of knowledge allows enterprises to share and communicate decisions between diverse teams, promoting collaboration and discussion across global locations.

Overview

Built for modern workflows, AVEVA Unified Supply Chain ensures security and visibility of supply chain knowledge, with simple, consistent access to data and easy integration to external business systems.

AVEVA Unified Supply Chain means supporting legacy work processes across large and small enterprises, while introducing entirely new workflows that eliminate manual tasks and create instant cross-boundary collaboration. For the first time, planning, scheduling, assay, and supply distribution can share the same understanding of the plant and of the business. Let users concentrate on their tasks while building on established business rules.

Easy to learn and use, AVEVA Unified Supply Chain lets new and experienced users quickly start making and sharing decisions, with seamless transfer of data between the specialized modules, full transparency in the changes between individuals, and simple customization to let users see input and output in the manner most familiar to them. Make decisions you can understand and implement, with confidence to adapt as the business needs grow.



One business, one tool

The unified architecture of AVEVA Unified Supply Chain seamlessly supports multiple users and multiple workflows across diverse business groups. It allows enterprises to obtain consistency, transparency and visibility in decision-making, enabling easy and confident sharing of feedstock information, planning decisions, potential schedules, process model updates, and pricing amongst other business-critical information.

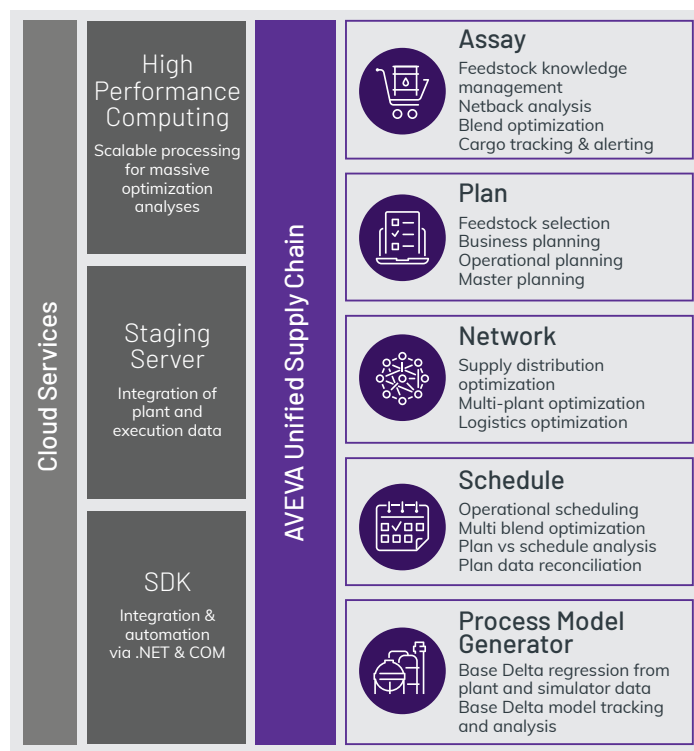
Whether licensed as a whole or as separate modules integrated with existing point solutions, AVEVA Unified Supply Chain helps improve and optimize workflows in small and large enterprises. Flexible and modern integration mechanisms make working with existing business systems and processes simple, with easy access to underlying data and results, while still retaining the security and versioning model used to ensure consistency between colleagues.

With specialized workflows in each module helping users quickly and consistently contribute, AVEVA Unified Supply Chain lets individuals take advantage of the knowledge repository at the heart of the solution, while still giving them the flexibility to work as they need to.

The scalable and modular architecture allows users to focus on the core business and adapt the tool as required. Changes in operations, changes in workflow, and changes in user base are easily adapted to, with the core reference data framework standardizing and simplifying future extensions.

AVEVA Unified Supply Chain Management was built to capitalize on the latest available technology, the cloud and artificial intelligence. Cloud deployment enables enterprises to securely share information across global locations. Cloud computing optimizes available computing resources, helping reduce costs and improving the overall speed of the business process.

An on-premises version of the solution is also available. Schedule AI Assistant, a new part of AVEVA Unified Supply Chain, empowers schedulers at refineries to explore and rank possible scenarios for efficiency, profitability, and emissions. Schedule AI Assistant can generate several schedule options in just seconds—work that usually takes schedulers days to complete. These options show how plans could be optimized depending on different scheduling and cost scenarios.



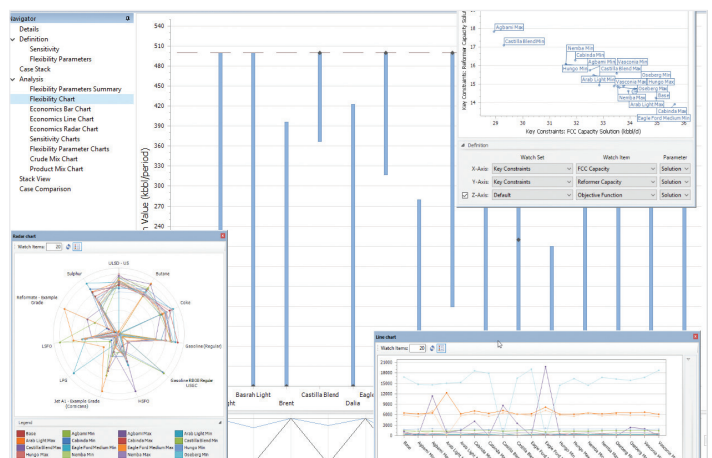
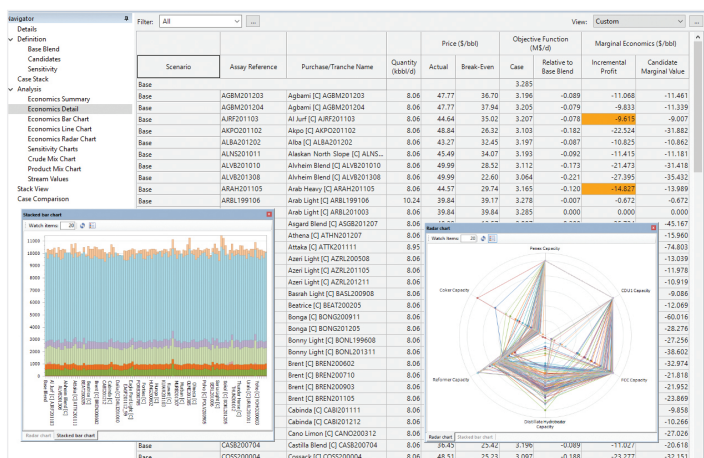
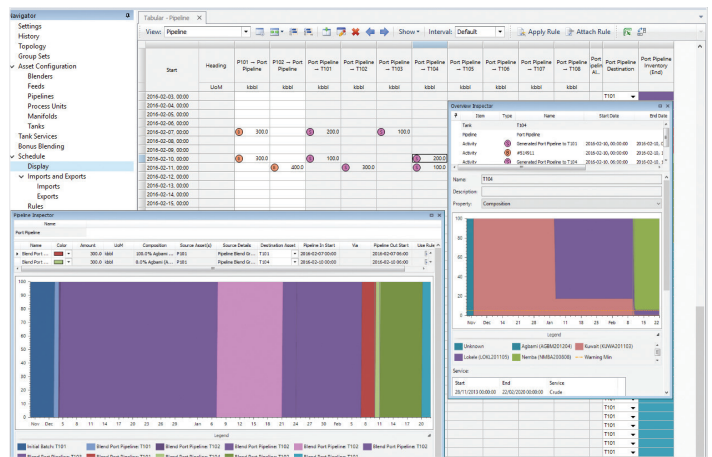
AVEVA Unified Supply Chain ensures consistent crude assays, consistent process models, and consistent pricing. It also ensures that supply chain knowledge is available to all approved users, displayed flexibly in the correct context, so users can manage the entire business lifecycle from master planning to feedstock selection, plant scheduling, and post-execution analysis.

The screenshot displays the SAP S/4HANA Fiori 'Terminal Operations' application. The left-hand navigation pane includes sections for 'Network' (Details, Nodes, Periods), 'Operational Supplies' (Demands, Exchanges, Plants), 'Combinants and Alerts' (Terminals, Blend Rules, Transports), 'Reference Data' (Facilities, Orders, Traded Materials, Materials), and 'Materials'.

The main table area, titled 'Terminal Operations', shows a list of operations. The columns are: Active, Name, Node, Traded Material, Start, End, Opening, Closing, UoM, Cost, UoM, Handling, UoM, and Active. The table lists several operations, including 'Houston-Dst Term...' and 'Lufeyette-Dst Term...', with details on their start and end dates, materials, and costs.

The right-hand pane features a map of the United States, highlighting a route between Memphis and Wichita Falls. A bar chart titled 'Transport Link' is also visible, showing demand over time for the selected route.

Easy to set up, scale, and integrate, AVEVA Unified Supply Chain enables new and experienced staff to start making decisions quickly. Intuitive and customizable feedback means users can adapt to changing business requirements. AVEVA Unified Supply Chain helps enterprises make the best use of their assets, adapting for future software and technology investments. Access to cloud processing enables massive and fast analysis, improving robustness in decision-making, while built-in analytics make understanding and analyzing results quick and easy.

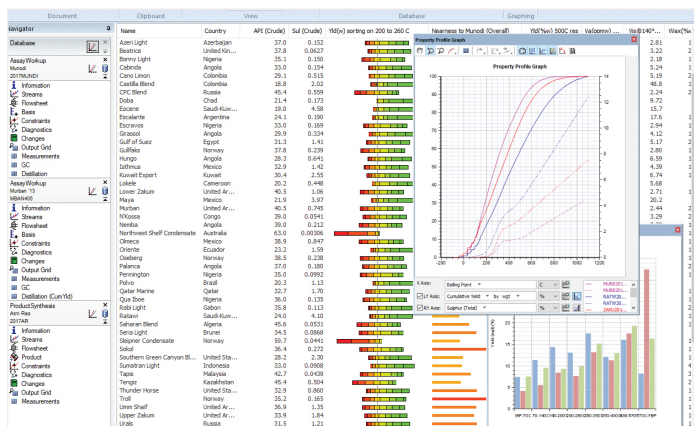


Easy to use, easy to deploy

Built with modern standards to enable modern workflows, AVEVA Unified Supply Chain is easy to deploy and scale. With secure data sharing, auditing, and versioning, AVEVA Unified Supply Chain enables small groups and enterprises to confidently share knowledge and decisions between diverse business groups across single or multiple locations.

Powerful integration and reporting ensure input and output can be understood by all stakeholders, improving implementation of results and speed of turnaround.

Integrated with private or public cloud services and available as Software-as-a-Service (SaaS), AVEVA Unified Supply Chain can easily grow to a wider userbase and take advantage of high-performance computing via the Calculation Hub for larger optimization analyses and more robust business planning.



AVEVA Unified Supply Chain

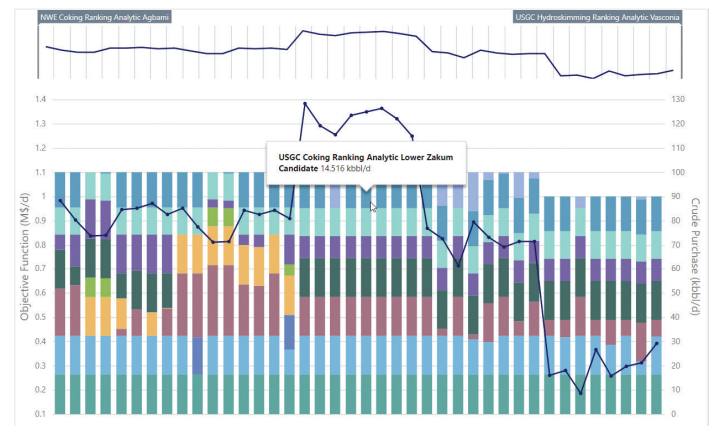
Build and share knowledge and experience with AVEVA Unified Supply Chain's single, cloud-enabled platform, enabling visibility and optimization of the entire supply distribution process.

Simple, fast, and secure, each stakeholder works side by side, with shared understanding and shared confidence in decisions and strategies.

Analyze more scenarios and include uncertainty to help determine more robust and more profitable decisions with an unknown future.

Access to existing business systems via the Software Development Kit and the Staging Service allows data from ERPs, historians, and nomination systems to be used and updated, resulting in more accurate supply chain decisions with fewer integration points and less IT overhead.

The unified platform ensures the same core data is always at hand, promoting the reuse of knowledge and encouraging contribution and collaboration. The flexible data model lets users from different business groups and different backgrounds communicate effectively, encouraging understanding of workflow and business challenges.



This cloud-enabled product enables a remote, fast, flexible, and secure way to increase agility and have all your teams working on the same data. Arrange a demonstration today.

For more information on AVEVA Unified Supply Chain, please visit: aveva.com/en/products/unified-supply-chain/

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