

Solutions for medium-sized businesses



it.chemicals for the process industry

Applying the right formula for process control will increase your productivity.

itelligence

Integrated management and design of product life cycles.

Delivering the right mix of optimized software for process manufacturing

»it.chemicals is a fully integrated SAP solution that matches the special requirements of the chemicals industry. Based on a special material master data concept, the tried and tested solution brings together all relevant data within key business processes and thus delivers improved information quality along the complete value chain.«

itelligence AG

Companies in the chemical industry face an array of challenges. How do you coordinate production, packaging and pricing across the entire enterprise, matching planning with execution, while maximizing internal resources and complying with government regulations? Expanding global competition demands that midmarket companies reduce cost of inventory, improve cycle time and enhance visibility in the supply chain. As customers and suppliers consolidate at an increasing pace and commodities change on a daily basis, it's essential to possess a solid base that remains constant.

The itelligence industry solution it.chemicals uses the extensive standard functionality of SAP ERP and adds key capabilities that help to optimize industry specific processes of the chemical industry. In this way itelligence combines security with the enhanced capabilities in the areas sales, marketing, material management, production, distribution as well as quality management. In addition it.chemicals can be extended by key components as e.g. Human Capital Management,

Customer Relationship Management, Supply Chain Management, Business Data Warehouse and e-business-applications.

Key Capabilities:

- Formula administration through maintenance of master data
- Improved information quality in sales, production and controlling
- Optimized production control
- Process manufacturing creates a value-added environment
- Constantly updated market replacement costs, reflecting current commodity demand
- Lot-related production, traceability and recordability
- Integrated quality management
- Automatic printing of delivery certificates and safety data sheets
- Fulfilment of government regulations

Formulation and customer specification management

Fulfilling customer specifications requires versatile processes for production and formulation. Delivering final product with varying active ingredient levels demands the ability to perform material recalculation by changing quantities of particular ingredients, depending on alternative master recipes or formulations.

it.chemicals realizes the full ramifications of each customer specification. The solution automatically

it.chemicals ensures effective production.





it.chemicals and the process industry work well together.

determines correct formulas and recognizes alternative master recipes and formulations. With the functionality to measure and price active ingredients and material content, it.chemicals serves as the engine for core plant processes. By measuring procurement necessities against production capabilities, overall inventory efficiency increases. Because customer specifications can change at any time, we have equipped the solution to select particular alternative master recipes at the time of scheduling on the shop floor. Specification information automatically accompanies each produced batch. When a particular batch has been selected during picking, its price carries forward automatically, alleviating the need for manual pricing in both sales ordering and delivery.

Made-to-order fulfilment

Before producing the first batch of any order, you need the ability to clearly view each stage of fulfilment, from formulation to packaging to pricing. This requires a system that transforms data from customer specifications into an integrated plan, precisely documenting every future step and that responds to changing goals. The it.chemicals solution suffices all these requirements within planning boards. Planning boards calculate necessary bulk amounts, devise plans to package the original materials into various containers and explain how to calculate the sales price of each final item. The solution also suggests the appropriate sequence for packing, based on container size. it.chemicals functions as a single, cohesive vision for every different production stage and process. Drawing from its core capabilities, the solution not only guides production, packing and pricing, but also allows you to track and trace the entire life cycle of every

With our solution, we supply extensive presets and documentation to meet your demand for an optimised, fast implementation.

These include:

- Methodology: easy to understand and comprehensive
- Business scenarios with master data and flow data, directly executable processes in the project work
- Detailed project and user documentation
- User roles for the key work centre descriptions
- Data specifications and proposals for the data transfer
- Test catalogues for customer-specific function and integration tests
- Proposals for the most commonly used forms

final item, whether a tote or oversized drum, from pre-production to end customer.

Environmental health and safety regulation support

Furthermore it.chemicals comprehensively accommodates all information regarding safety training, accidents, material data safety sheets, label printing, ingredient contents and quantities – all within one self-contained module. The solution provides instant access to material data forms through internet, extranet and Web access. These in-built capabilities drive safety measures across the entire organization, aligning company practice with government compliance requirements such as the new EU Chemical Agents Directive, REACH (Registration, Evaluation and Authorization of Chemicals). REACH forces each party in the supply chain to prove that their products involve no risks for human health and the environment. REACH applies to all chemical substances which are manufactured, imported, placed on the market or used within the European Union.

Our experience shows that every industry has its own specific IT requirements, owing to their different processes. This is why at itelligence, IT and industry specialists work in close collaboration to produce your solution.



itelligence SAP Business All-in-One industry solutions are preconfigured for the typical business processes of a specific industry, thus enabling costs and implementation times, in particular, to be radically reduced. Other benefits include almost unlimited scalability and a high level of flexibility, as well as increased productivity and cost control.

SAP-certified industry solutions:

- it.automotive
- it.chemicals
- it.hightronics
- it.metal
- it.trade
- it.cast
- it.consumer
- it.manufacturing
- it.service
- it.wood

SAP competence for medium-sized businesses

itelligence AG is a leading international IT full-service provider in the SAP environment, employing some 1,200 highly qualified employees in 15 countries. Founded in 1989, the company offers a range of services that include SAP consulting, SAP licensing, outsourcing & services and self-developed SAP industry solutions.

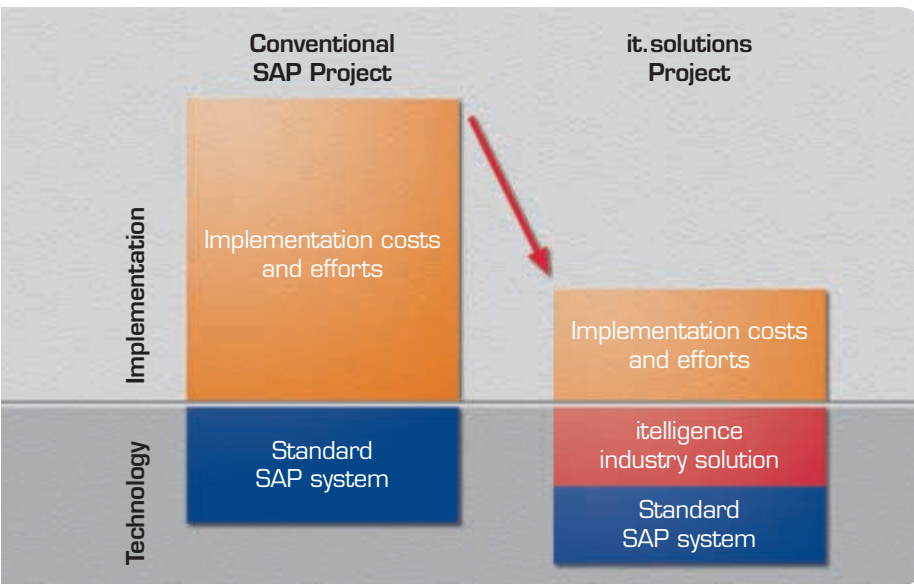
Medium-sized businesses in the spotlight

itelligence has developed and successfully implemented most of the SAP AG certified SAP Business All-in-One industry solutions worldwide. To enable us to provide consulting and solutions that create added value and are oriented toward the future, we have invested in professional industry knowledge. You'll only be able to implement technological developments to sustain your competitive advantage in the long term if we can speak your language.

Top-level IT outsourcing

As certified SAP outsourcing partners, SAP AG tests the five itelligence data centers in Germany, Switzerland, the United States and Poland annually to check the security and quality of their organization and processes. The centers are ISO/IEC 20000 certified.

You can find more information and an extensive list of references at www.itelligence.info



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