



implico

Business Automation

Relax!

OpenTAS[®]
at work!

OpenTAS® – the integrated solution



OpenTAS® – the 100% Solution

OpenTAS® is the central tool for managing your logistical processes. This proven software solution operates between your SAP®-/ERP-System and the field level. It is so efficient that a single system can reliably accomplish tasks heretofore requiring numerous different tools. For you, this means a radical decrease in your IT landscape and logistical planning at the most sophisticated level possible.

Reducing your IT Landscape

With OpenTAS, you'll radically reduce your IT landscape. That means fewer sources of error, less maintenance and fewer costs. You'll minimize the interfaces, the media interchanges and unnecessary and expensive delays in your processes.

Sophisticated Logistical Planning

OpenTAS works together with the ERP and field levels in a highly integrated fashion and makes optimum use of all available data sources. All relevant information is recorded, immediately processed and then either sent back or forwarded on. You will profit by always being able to plan on the basis of current and correct data. That means maximum transparency, planning security, reaction time and reporting quality.

Perfect Cooperation

No doubt: SAP is hard to beat in many areas. But numerous tasks in the oil, gas and chemical indus-

tries can be made faster or easier by using an industry-specific solution – for example, practical execution of daily logistical planning. The speedy processing of current data from day-to-day business operations is OpenTAS' home territory, and this is where perfect cooperation becomes apparent. SAP transfers these processes to the OpenTAS system, which offers you comprehensive functionality for optimal planning. Afterwards, OpenTAS transfers the results back to SAP. Simply use the optimal tool for each task, and the final result will also be optimal.

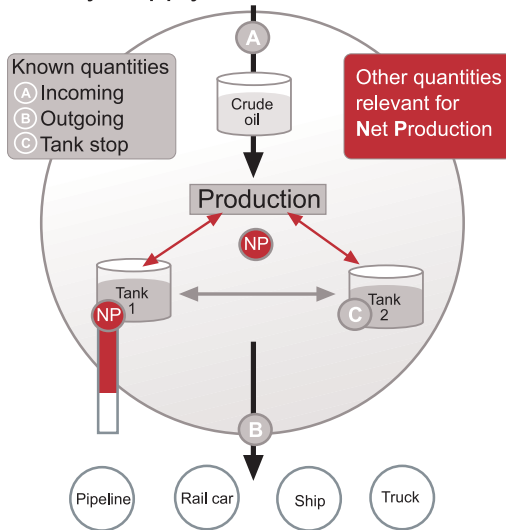
OpenTAS provides exactly the level of system support you need. You decide on the degree of automation, tailored to your marketing environment.

Exploit the numerous practical, economical and strategic advantages which OpenTAS offers. Profit from the 100% solution.

Advantages:

- Easy installation and administration
- Maximum flexibility
- As much automation as you need
- High availability without compromise
- High performance and data security
- Standardized product
- Optimization of processes
- Modern and future-proof

Primary Supply / Net Production



Process: Primary Supply

Primary Supply – a Round-the-Clock Process

OpenTAS offers you all of the operative components for a complete Supply Chain Management (SCM) solution. ERP systems such as SAP can now be connected to the operations world. One single highly integrated application is enough to record contracts, control stock processing and execute reliable, finely tuned planning. Loading is carried out quickly and safely. The results are then automatically transferred back into the ERP system as required.

OpenTAS takes into account both basic data and contract building blocks from the ERP system. The integrated planning function helps you to optimally use your transport capacities. The vehicle-tracking function makes extremely accurate internal and external railcar tracking possible. OpenTAS supports all means of transport in the primary supply process – from rail to pipeline and ship. Extensive checks ensure, for example, that the requirements for dangerous goods transport are met, and they protect against overloading. In addition to the wide range of informative analyses that are already part of the standard product, freely configurable report generators deliver individually defined reports.

OpenTAS automatically checks which documents are necessary for shipping, compiles all required data and prints all the dispatch reports. This includes documents for the receiver of goods, the carrier and the tax and customs agencies. Numerous open, certified interfaces – for example to SAP TSW® – enable opti-

mal data flows between the field, loading, tanks and the ERP system.

Net Production

With OpenTAS you always have an overview of the net production in your refinery. The system analyzes the tank stocks as well as input and output. The product flow is calculated from these measurements; reports show you the exact daily, weekly and monthly balance. This pragmatic approach delivers comprehensive, easily accessible and fast results.

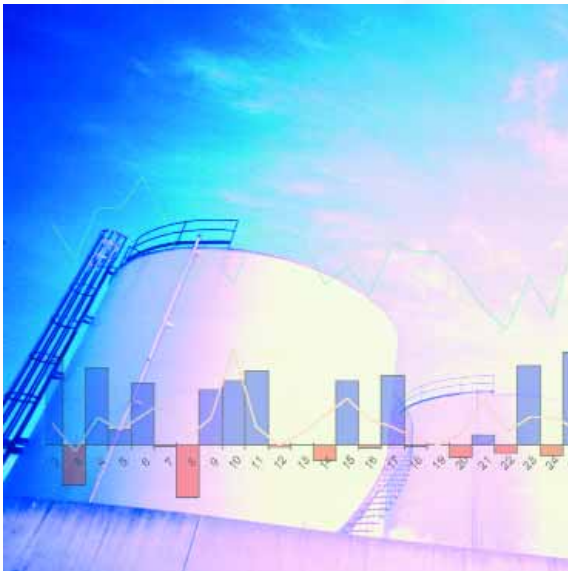
Comprehensive: A refinery's technical measuring systems can only cover 90% of the stocks. OpenTAS also takes the remaining stock into account, for example material that has already been loaded or pre-loaded. Even inputs which are still unbooked in a railcar appear in the stock. OpenTAS is truly the 100% solution.

Simple: No specialized knowledge is required in order to calculate the net production. One click is all you need, and OpenTAS gives you the result.

Fast: OpenTAS delivers fast, accurate results with a minimal amount of effort. Through direct database programming we achieve superb performance: all postings for all products are calculated within 30 to 40 seconds – whenever and as often as you want.

With OpenTAS you receive a flexible and efficient instrument to optimally control refinery production, complete with certified SAP® interfaces.

Process: Terminal Management



Process: Terminal Management

All the Tools You Need

OpenTAS equips you with all the tools needed to manage your refinery in an efficient and transparent manner. It doesn't matter whether you store one or several different groups of products, whether you exclusively store your own products or whether you are a logistics service provider. You will always be in control, able to monitor your processes and to react quickly and accurately.

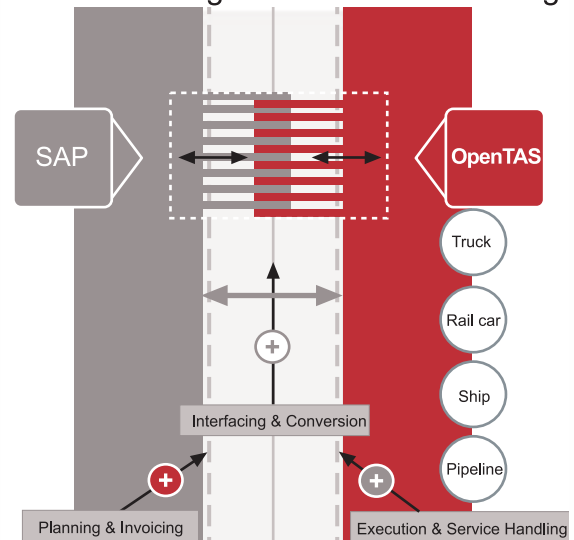
Quantity Accounting and Inventory

With the integrated and comprehensive quantity accounting you will have continuous access to current information about your product stocks as well as inputs and outputs. The numbers can be quickly and easily accessed and are presented in a clearly laid out fashion.

Quantity Accounting Features:

- Quantity pre-deduction for disposition (type-/storer-/tank-specific)
- Quantity deduction for booking (type-/storer-/tank-specific)
- Checking national reserve stocks and storage stocks
- Ensuring minimal tank quantities
- Additive postings
- VRU postings
- Handling of biofuel addition
- Analysis / statistics

Terminal Management/Service Handling



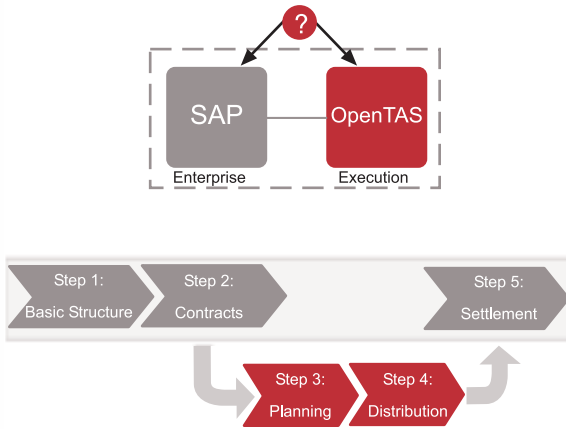
Third Party

Do you not only manage your own stock but also that of other owners? No problem! OpenTAS offers service providers extensive possibilities. These range from separate accounting by means of easily connecting different customers' SAP systems, to external access to current information on stocks and movements via the internet. This information is so detailed that your customer can independently check, at any time, whether a truck has already left the plant. Now that's 100% service. Thanks to its ERP integration, OpenTAS not only manages quantity income but also cash income. This enables service fee handling, for example.

Security

Obviously security is the chief concern in any refinery or terminal. With OpenTAS you are also optimally equipped in this field. Its hand-key module controls access to the plant by means of fraud-resistant biometric identification features. In this way, you can always be sure that only the correct driver with the correct vehicle can drive into the plant. OpenTAS thus guarantees an extremely fast and safe loading process.

Order To Cash



Process: Order to Cash

Always on the Right Track

The aim is clear: the goods must be transported reliably, punctually and as quickly as possible to the customer with the minimum expense. OpenTAS offers you the exact functionality that you need to optimally deliver to your customers.

Example: Delivery to Gas Stations

OpenTAS supports the complete gas station delivery process, from order taking, planning, loading and unloading to billing. Here you profit from numerous industry-specific functions. One highly practical feature, for example, is the connection of gas stations to OpenTAS. The system then knows their inventory data and technical capabilities, such as the size of the storage tanks. This enables optimal planning. You know exactly which buyer wants how much of which product.

The system helps you to hire the correct carrier, provides for fleet optimization and helps you with tour planning. It does this completely automatically, if desired. And all with one goal: to offer the best possible delivery service while driving the shortest distance possible. The trip to the customer has enormous cost-savings potential. Use it.

Teamwork with SAP® OGSD and IS Oil & Gas®

Logistics is like sports: teamwork is everything. In the dispatch process OpenTAS works well with other

strong team players. Certified interfaces to SAP IS Oil & Gas® ensure smooth data exchange, and it goes without saying that OpenTAS also cooperates perfectly with the new and innovative SAP® OGSD (Oil and Gas Secondary Distribution) solution.

After all, OGSD, marketed world-wide by SAP AG, was also made by SAP's development partner Implico.

Revolutionize your dispatch processes from order taking to billing. If you want optimal results, use the ultimate tool.

OpenTAS – your 100% solution for all tasks, from you to your customer.

Process: Order to Cash



Further Highlights

Unlimited Rollout

OpenTAS gives you maximum flexibility, whether you need a single local installation, a regional or national solution or even a worldwide roll-out. The system is multi-lingual, can be installed at any location and can be interconnected for a multinational solution. Implico and its regional partners will look after you and your project in every country on the planet.

Simple Migration

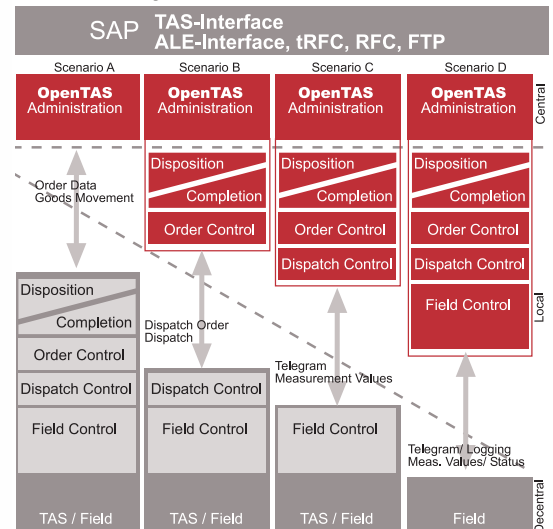
Migration is uncomplicated and takes place both quickly and safely. The field components are not affected and can continue to be used to their full capacity. Thanks to the multi-layer architecture you save yourself redundant installations.

OpenTAS supports all of the definitive industry standards for communication in the oil, gas and chemical industries, including PIDX (Petroleum Industry Data Exchange) and CIDX (Chemical Industry Data Exchange).

Step-by-Step Installation / Modular Construction

OpenTAS' flexibility is apparent not only when it is up and running but also during installation. Its modular system construction enables you to install the desired functions step-by-step when needed. You dictate the pace and OpenTAS will follow – and will meet your requirements 100%.

Rollout & Migration



Real-Time Reporting

With OpenTAS you are always optimally informed. The system continuously takes current data from the ERP or field system and forwards it immediately, according to your requirements. This dynamic feature not only helps your planning but also your reporting. In both areas you are continuously up to date.

OpenTAS.NET

Connect your system to other customers or business partners throughout the world via OpenTAS.NET. Simple, secure and high-performance. In this way, you can exchange your logistical data (e.g. loading authorizations) – automatically, quickly and cheaply, without limits.

Web Reporting

Another OpenTAS highlight is its extensive, current reporting. OpenTAS delivers, among other features, KPI reporting (Key Performance Indicator). You can access all of these reports via the internet. That's good for you, because you're always informed, and good for your customers, because they can access their specific data within an access range which you define. That's 100% service.



Implico – Company Profile

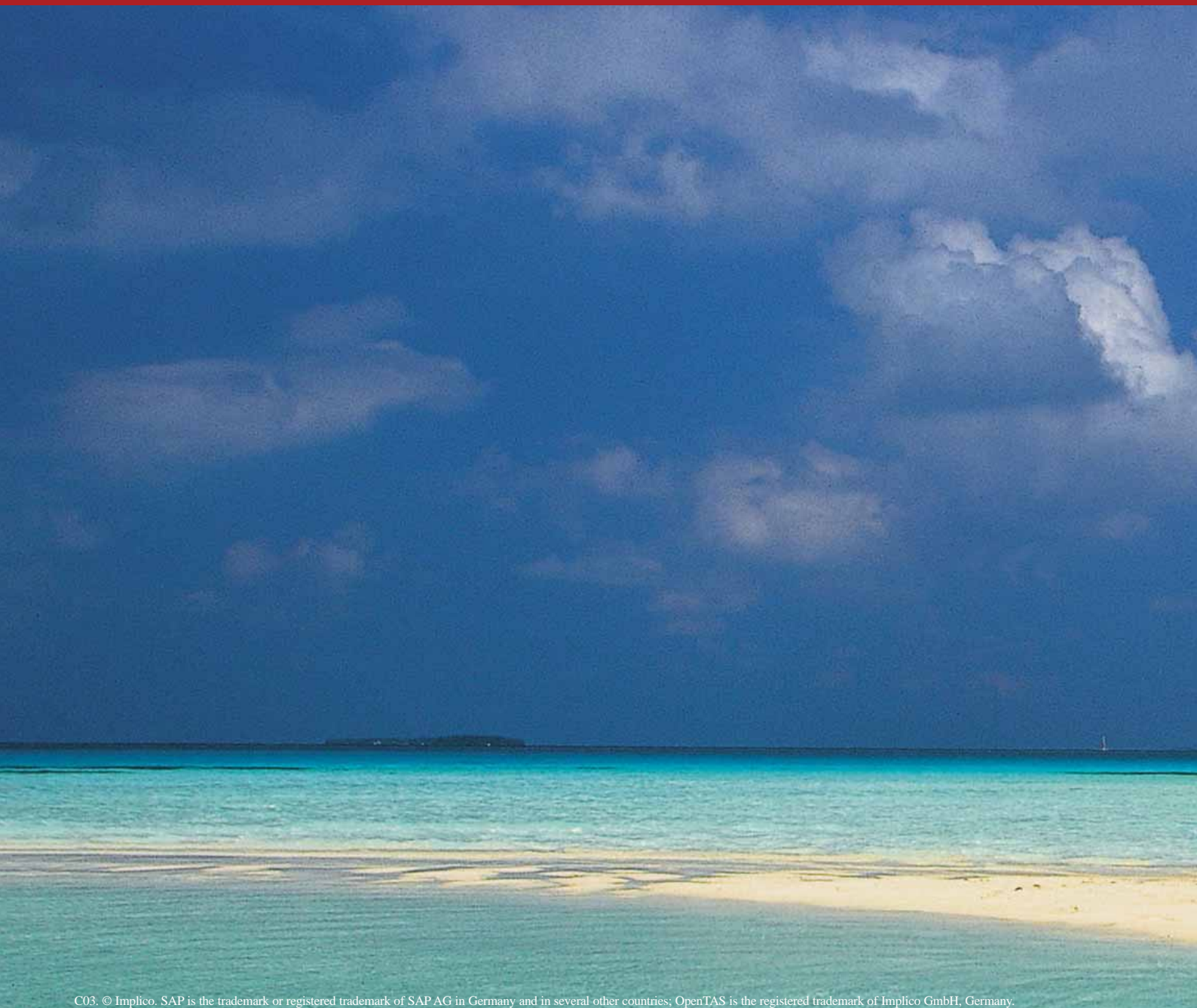
As an international consulting and software company, Implico has been helping customers from different industries with the optimization of their business processes for more than 40 years.

Projects are being implemented with comprehensive industry know-how as well as in budget and on time.

Implico offers professional, integrated consultancy and implementation services from one source.

About Implico

Business Automation



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