



Our Portfolio.

SEAL Systems AG

SEAL Systems has stood for innovative solutions and stable customer relations for over 35 years

We offer

- + Solutions for operational and mission-critical processes
- + Adaptation of standard solutions according customer needs
- + Software service with direct and fast support
- + New development of innovative solutions and integration of the latest
- + Technologies Expertise in technical disciplines and project experience

for

- + defective business processes, for the creation, conversion, preparation, testing, correction and use of documents analog print and electronic
- + provisioning processes
- + automated compiling of data and files into new documents (Direct Publishing)

with the goal of

- + Reducing IT complexity and creating an overview
- + Optimizing and economically designing business processes and procedures
- + Avoiding costs and guaranteeing security of investment
- + Presenting the best quality in regard to product, solution and process

and to be for our customers and partners

- + A reliable, ambitious provider of solutions
- + A solid and fair business partner

35
since 1981
SEALSYSTEMS



OUR CORE COMPETENCES

Company-wide printing and distribution from ERP, PLM, CAD systems, Windows, and terminal server environments.
All formats, all devices.

SAP Spool Printing, Document Input Management, Document Output Management, Conversion Server, Process-Oriented Document Distributer.

Create automated documentations, manuals and product information directly from SAP DVS and SAP PLM.



PDF and Tiff generation, verification of PDF files for conformity to PDF/A standards, conversion of graphic file formats, application servers.

Collect, convert, stamp and electronically distribute documents from Teamcenter, Windchill, Enovia, SAP PLM and other systems.



CORPORATE OUTPUT MANAGEMENT

Corporate Output Management



Keep IT simple! Our Corporate Output Management System is a **system for the preparation and provision of print and document data formats** from all applications – company-wide!

The product standard of our Output Management System offers the right integration methods for **every demand and every system environment**. A **seamless integration** in all operating-system-based applications is guaranteed, even with the deployment of terminal server environments. Web services and file system interfaces make **output orders available for web applications**, document management and archive systems as well as for **company-specific in-house developments**. Specialized integrations for ERP- and PLM solutions allow in turn a **deep and optimal integration** in business processes, even over the connection to existing application interfaces. We also offer apps **for mobile end devices**.





Clear Solutions Architecture

From this a **clear solutions architecture** arises and an **advantageous decoupling** of all connected applications for output and provisioning processes. All applications can work with the **processing functions** offered by our Output Management System for print and document data formats, and use all **tethered provisioning procedures**.

The **integration of form and labelling systems** in our Output Management System is a further way to sidestep device-specific work in the application development. System Administration and Support will also profit long-term from device configuration, system monitoring and problem analysis from **central functions** and single point of control.

Transparent Print Processes

The comprehensive use of our Output Management System guarantees well-coordinated, **smooth, and optimally controlled processes, with full transparency** of document and information distribution. At the same time it prevents disruptions and undesirable side effects in print and allocation processes. Our system enables a **direct classification of running costs** by means of detailed usage tracking. What's more, classic, partly fee-based elements will be redundant for print servers contingent on operating systems or manufacturers. It also supports new methods for allocating print orders, including **Secure + Pull Printing** processes which help the company to close security gaps and enable users to print documents without needing help from IT.





CONVERSION SOLUTIONS

Conversion Solutions



Every day, important information is generated through diverse IT applications in every business. They arrive at the company via e-mail or fax, or go out via paper being scanned. All this information is held in diverse **file formats** and regarded as “documents” relevant to **business processes**. These must be used in various business processes and largely must be kept for many years.

Document files must correspond to **technical conditions, however, so that** their content can be used as **documents** long-term. The **PDF** file format, standards like **PDF/A** for general records, or specialized standards like **PDF/E** for design documents guarantee this standard. With our conversion solutions, long-term documents are **reliably produced for every** desired application area. Over **interfaces** to a multitude of management systems (for example Teamcenter, MS SharePoint...) these can be seamlessly integrated into document life cycles but also into business processes of ERP systems (for example SAP).





Clear Presentation

Document-related **jump marks or bookmarks**, possible with PDF files and permitted according to standards, can be quite helpful. This eases online navigation for the user in many documents and helps to **clearly** represent complex document structures. Processes for **optical character recognition (OCR)** identify relevant texts in the scanned documents. These search-relevant texts are incorporated after successful file conversion in the PDF target format and are available as a **long-term and standard-conform document**.

Business-internal rules for the appearance of documents – corporate design – furthermore specify **design elements** employed for content and form like headers and footers, logos, fonts and sizes, as well as page numeration. These documents can be stored in the applicable management systems only after all technical and company specifications are met and securely vetted.





SOLUTIONS FOR SAP

Solutions for SAP



Our solutions help in **converting** documents managed in SAP as needed, allocating them ad-hoc or **business process based**, analog or electronically and **processing** them before viewing. It supports all SAP DMS components (SAP DVS, SAP Folders Management, ArchiveLink, etc.) and also external management systems like SharePoint. The SAP-certified print interfaces remain in the background for **easy output** from all SAP applications, whether ad-hoc from dialogue applications or integrated in business processes.

The **complete document printout** mapped by SEAL Systems elements merges SAP forms and relevant documents, labels these with important information for business processes, and prints them as complete sets and in **the correct sequence** over the defined provisioning procedures. Module-specific integrations take on SAP forms, make rules-based identification of **all relevant documents** from SAP DMS elements, and compile these into **single issues**.





Put an end to manual work

The identification of relevant documents over **structural solutions** is also part of SEAL Systems' elements in SAP. The rules-based identification of documents is carried out as required over diverse SAP structures and interfaces such as document, material, project, or customer order BOMs, functional location hierarchies, etc., and helps **to do away with the need for manual activity.**

Various requirements in the document lifecycle are to be accommodated pertaining to the document itself and to the data formats linked to it. These arise from collaboration scenarios as well as from statutory, industry-specific, or company-internal requirements. Our conversion solutions generate the needed data formats **precisely at the right time** alongside this document lifecycle. Furthermore, neutral and long-term formats for archiving and distribution from all conventional applications are produced along with **conversion processes for all 2D and 3D data.** Along with conversion procedures we use stamp and watermark functions for lifecycle-related labeling in order to ensure evaluable **document identification.**

Connecting to other systems

Our solutions for **the import and export of data and files** make connecting to other systems easier. They also support a consistent and secure quality in managed or exported document count in combination with **PDF test and correction procedures.**

With our **publishing methods** you can automatically create many additional documents such as manuals, operating instructions and certification documents. Publishing processes is **integrated** with any SAP objects, such as product, project, customer order, or is directly tied to the document lifecycle. This also eliminates manual handling!





SOLUTIONS FOR PLM

Solutions for PLM



Many businesses increasingly employ for **product development and production** PLM systems (product lifecycle management systems) for the illustration of technical and product-related business processes. Along with pure design drawings complex products also require a **multitude of additional documents**: manufacturing applications, specifications, certificates, test reports, BOMs, operating instructions, and many others. Product-related documents furthermore should be **application-independent and long-term durability**. They must often remain able to be reproduced for 50 years or longer.

High-Maintenance Documents

In the scope of document life cycles, it is necessary to **immanently generate** applicable **long term formats** like PDF/A for general records or also PDF/E for design drawings. **Document, individual release, and signature processes** can also be illustrated and their individual steps put on the documents as additional information. These documents must be **prepared and provided in a process-related way** in order to guarantee the **automated distribution** of these documents to suppliers or other recipients, to **produce manuals**, and make **mass printing of complete drawing sets** possible. Many PLM systems are not optimally set up for such output processes, however.





Integration of SEAL Systems Solutions

This is exactly where our conversions and output management solutions are integrated into existing PLM systems. They close the gaps between systems, document formats, and output devices. Process workflows are not only **automated** but also **more secure**, and **reliably** carried out at a set time. The automated, rules- based compilation of documents and information, partly done over complex product structures, **reduces manual interventions, increases productivity, lowers costs** while improving the **process quality** and ensuring clear **traceability**. With our Output Management System, your documents can also be supplied with process and product-related meta data with document labelling **via stamps or watermarks** in the course of the print job.





PUBLISHING/ TECHNICAL COMMUNICATION

Publishing



Create manuals, generate product information, compile replacement part catalogs, make operating instructions, publish test reports or, simply put: **“create automatic and rules-based comprehensive documentation”**. This is what Direct Publishing is all about. With our publishing solution you can integrate the preparation and production of your documentations directly into your business processes. The result in turn is issued in print processes or filed as persistent data in the allocated management system. Different interfaces make it possible to link these publishing processes directly to **business solutions (ERP, PLM, PDM, DMS, etc.)** or to use them as part of an SOA integration (SOA = service-oriented architecture) as a service also from **self-developed applications**.

Automatic Identification of Documents

Data and files are **identified automatically** in the publishing process, taken from all different kinds of sources, and **compiled into a new document**. Most house document management and product data management systems, and perhaps also business solutions like SAP or design-related systems for mapping of information relevant to product lifecycle management (PLM), and are factored in over applicable references in the publishing process.





With publishing processes, varying specifications for **corporate design**, meaning document-related preparation, require compliance – independent of the structure of already-existing documents. The **variable definition of graphic elements** like cover pages, headers/footers, chapter-dependant page numbering, tables of contents, separators and filler pages for chapter alignment make it possible to comply with these specifications. **Bookmarks** or even jump marks in PDF documents make online navigation easy of the generated documentations, which can hold a few or several hundred folders independent of size and complexity of the content to be documented.



WANT TO LEARN MORE?

Talk to us!



“Business success goes hand in hand with optimally designing business processes, adapting them flexibly and implementing available supporting technologies. The automation of repetitive manual activities helps companies to be faster, better and consequently more efficient.”

**WE’RE HAPPY TO HELP YOU ESTABLISH THESE
PROCESSES IN YOUR BUSINESS. TALK TO US!**

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New Business

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