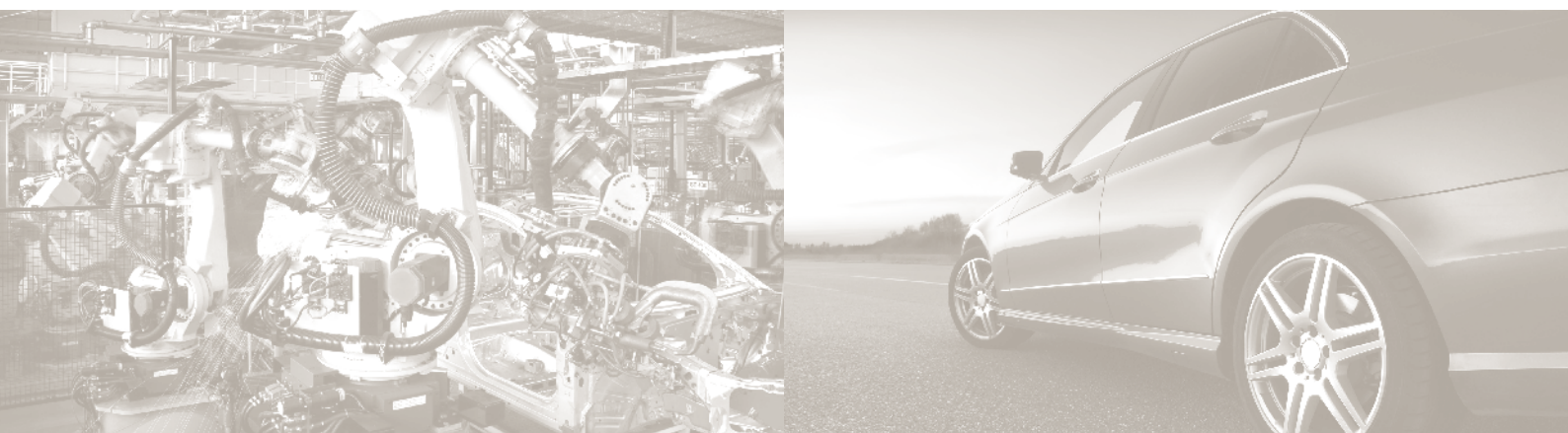


inubit ▶ Automotive & Logistics ◀



**Transparent, Standardized Processes –
Improved Plannability**



inubit AG is continuously expanding its presence in the automotive and logistics sector. More than 450 companies in over 10 countries have put their trust in our expert solutions and service. In the automotive and logistics sector, the inubit Suite is used to handle all central integration and communication processes (EDI) and enable process modeling, execution and monitoring in a way that fits seamlessly with the company's infrastructure.

inubit customers in the automotive and logistics sector include AIRBUS Deutschland, Berger Logistik, Brummer Logistik, Carrier Sütrak, DB Systel, DHL Excel Supply Chain, Fr. Meyer's Sohn, Gebrüder Weiss, GO! General Overnight, HAVAG – Hallesche Verkehrs-AG, Huf Hülsbeck & Fürst, Komatsu Hanomag, KSM Castings, MAGNA STEYR Fahrzeugtechnik, RECARO Aircraft Seating, Sidler Automotive, Siemens, Visser and W+R.



As an active member of the industry associations ITA and BVL, inubit knows the business processes in the automotive and logistics industry inside and out and has the wherewithal to fulfill the industry's special IT requirements while providing expert consultation services. The objective is to work together with automotive and logistics experts to develop groundbreaking new solutions to enable advancements such as comprehensive collaboration across the supply chains and more transparent and efficient processes. This would enable customers to react more quickly to ever-changing demands and profit from modern, high-availability process solutions and outstanding investment security.

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inubit Automotive & Logistics – Transparent, Standardized Processes Improve Plannability

The financial crisis of recent years has affected the automotive industry like no other. The imperative of reacting quickly to fast-changing market conditions to survive on the market was more keenly felt than ever. Practical experience has shown that the development of new sales, delivery and production concepts, and thus also the adjustment or redesign of business processes, are important tools for staying competitive, discovering potential cost savings and cutting costs.

inubit Suite – the whole world of BPM in one place

The inubit Suite offers automakers, supplier and logistics companies a comprehensive and completely integrated process platform for Business Process Management (BPM). The software covers every phase of BPM. From modeling and simulation of processes to the automatic conversion of the models into executable processes, the connection of heterogeneous system landscapes and the merging of process and master data to process monitoring, the inubit Suite does it all.

inubit solutions and process packages for automotive & logistics

Developed on the basis of the inubit Suite, preconfigured inubit solutions and process packages are designed to meet the specific needs of our customers, are easy to implement and fulfill legal requirements “out of the box.” This saves users the costly and time-consuming task of developing their own applications – a real advantage. Our solutions and process packages are tried and tested and can be adjusted to fulfill individual or external requirements. They are not programmed, but are based on business process models and technical workflows.

inubit Consulting – industry expertise working for you

To help you take full advantage of the benefits of holistic process management, we support you with our comprehensive consulting services. Our highly-qualified and exceptionally dedicated consultants, solution architects, project managers, solution engineers, trainers and administrators can draw on over 10 years of experience in the automotive and logistics sector. And you can put that experience at the service of your projects – before, during and after implementation.

What makes “BPM by inubit” special

We combine market-proven technology characterized by a high degree of adaptability to the individual needs of our customers with the expertise of our employees in the implementation of projects. This means we can always meet the challenge of our customers’ complexity and requirements – for all roles and actors in the automotive and logistics sector.

Data Exchange and System Connection

Thanks to its open, comprehensive and modern architecture, the inubit Suite has become one of the leading products for the management of business processes in the automotive and logistics sector as well as for the integration of systems and the optimization of B2B communication.

As the command center for business processes, it directs data to the correct destination and enables companies to get real-time information about processes, maintain a constant overview of the situation and improve operations on the fly.

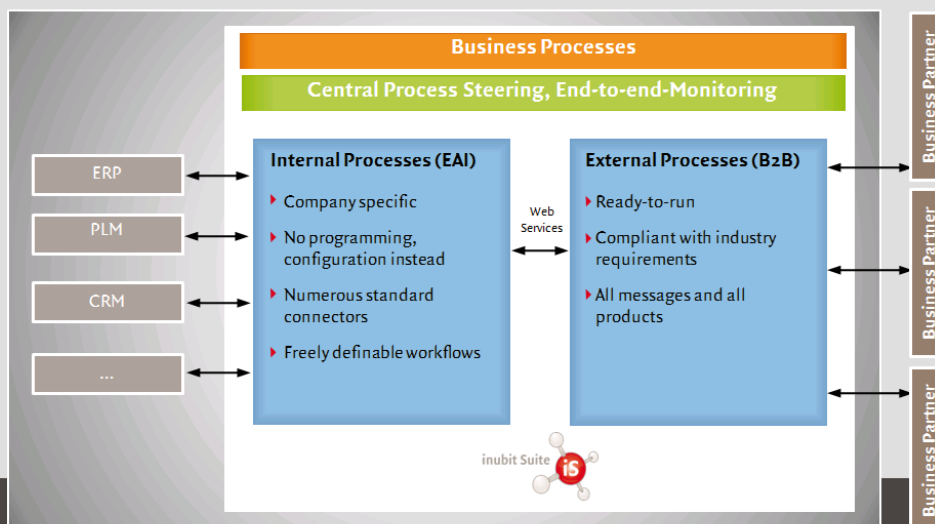
In the area of data exchange, the inubit Suite functions as the communication and integration platform, supporting all external and internal communication channels and data formats. Standard connectors allow companies to integrate all popular internal applications and directly feed data from back-end systems into processes.

- ▶ All communication processes are configured, controlled and monitored centrally, which increases your transparency
- ▶ To consolidate the IT landscape, back-end systems are integrated via standard connectors
- ▶ The integration of data and processes means lower process and transaction costs
- ▶ Process runtimes sink – time-critical messages are processed on time
- ▶ Manual activities are reduced, which means lower error rates
- ▶ Audit-proof archiving of messages and documents
- ▶ Various communication channels, formats and protocols are supported, e.g. OFTP, OFTP V2, AS2, e-mail, FTP, web services as well as VDA, ODETTE, ANSI X12, EDIFACT, XML, Excel, CSV



“The inubit functionality turns mere data transfer into data transmission and directly integrates the data into the corresponding internal processes. Of course there is a lot of data to be transferred between systems, especially in the procurement area. We quickly ran into our performance threshold. But it took inubit very little time to come up with a way to solve the problem and enhance the corresponding connector.”

Gerhard Reicht, MAGNA STEYR





Process Packages for EDI and WebEDI

Processes in the automobile and logistics industries are characterized by great complexity and fast pace. The critical factor is the need to quickly and reliably exchange data electronically between all persons involved in the process and flexibly manage information flows. The inubit Suite provides the technological basis for the reliable and simple electronic exchange of data and documents via an in-house EDI system developed together with inubit or a preconfigured WebEDI portal.

Classical EDI

With the template process models in the classical EDI area, users are provided with preconfigured processes covering all phases of the classical EDI process (takeover/transfer of in-house data, archiving, editing/conversion, communication). The processes can be quickly and flexibly adjusted to fit a company's specific requirements at any time. The advantage here is the flexible management of master and process data, which enables portal-based management of all data.

WebEDI

inubit offers a preconfigured WebEDI process package for the integration of suppliers in the automotive sector that can be used both in the supplier environment as well as for OEM customers. The inubit WebEDI package supports the entire process chain from release to the credit memo process and invoicing and enables processing of all required EDI-formatted messages, delivery and JIT schedules as well as delivery notes and shipping orders. All required documents (ODETTE and KLT material tags, shipping orders, delivery notes, EDI goods-accompanying slip) are generated automatically in logistics processing.

Various download formats (VDA, EDIFACT, XML, CSV, Excel, etc.) are available to enable processing of the data in external systems. In addition, the user automatically receives a detailed OLD/NEW comparison including progress statistics and quantity synchronization (material in shipment).



“Thanks to inubit’s professional support and great expertise in the automotive area, we are able to independently integrate each of our 16 branches into the new system one-by-one. The software’s high level of scalability and use of international standards guarantee that we can keep one uniform solution even when data traffic increases in the future.”

Melanie Keil, Huf Hülbeck & Fürst GmbH & Co.KG

Central Work Platform for Improved Plannability

More transparency, plannability and standardized procedures – inubit supports companies in the automotive and supply industries with a unified analysis and work platform for procurement and goods receipt logistics and allows synchronized, direct communication between suppliers and logistics companies. Within the delivery processes, information and documentation items are defined, which the involved parties can use to assess whether impending activities are “on-time.” Logistics companies are notified of impending deliveries and delivery note data is issued simultaneously.

Phase 1: Process analysis and description

For the definition of target processes and the description of new processes, the BPMN 2.0 modeling standard enables top-down modeling. First the main processes are described, followed by the individual and subprocess requirements. The important thing here is that information from both the classical EDI procedures and from WebEDI processes is brought together.

Phase 2: Automation along the business model

The modeled processes are now available. Their technical implementation and automation is performed using technical workflows. The creation of execution workflows along the business model reduces implementation times significantly. Connectors and adapters that can be configured quickly and flexibly and can be inserted into Technical Workflows using graphical drag & drop also speed up implementation.

Phase 3: Portal-based supplier integration

Automating the processes and consolidating the information in a central portal facilitates real-time and proactive tracking of upcoming deliveries. Tier 1 suppliers monitor the current status of every process via a cockpit. Tier 2 suppliers can see at a glance which articles are due for delivery and which deadlines must be observed. There is no more manual login with the supplier because the logistics service provider is provided with all important information via shipment scheduling. A common portal benefits logistics companies by providing them with an overview of the scope of the delivery at the shipper's, which in turn they can use to enrich their scheduling information (e.g. bordereau/loading list data).

The screenshot displays the ITIL Cockpit interface, which is a central work platform for improved plannability. The interface is divided into several sections:

- IT Cockpit:** A top navigation bar with tabs for Order PM, BLC PM, ITLC PM, Event PM, Reporting Late, Reporting, Processmodel, Sanity, and Add Page. The ITLC PM tab is currently selected.
- IT Process Lifecycle Line-Item Steps:** A section on the left showing various process steps with their respective counts and status indicators (e.g., Total 282, Late 216).
- Business Dashboard:** A section on the left showing business-related metrics and status indicators (e.g., Total 379, Late 348).
- Process Monitor ITLC Line Items:** A central table displaying a list of line items with columns for Line-Item ID, BLC-Status, BLC-Status: AI, BLC Deviation, Business Stati, ITLC-Status, ITLC-Status: AI, ITLC Deviation, IT State, and Created On. The table shows several items with status indicators (OK, Late) and deviation values.
- ITLC-State:** A section below the main table showing a detailed view of the ITLC state, including start event seq, start event, start timestamp, end event seq, and end event.



inubit Projects in the Automotive and Logistics Sector

Huf Hüsbeck & Fürst GmbH & Co.KG

The inubit Suite consolidates the various EDI solutions used to automate the sales, logistics and financial processes and merges the processes of 16 branches spread across three continents. The affected processes range from delivery instructions and call-offs using just-in-time calls to sending delivery notes and transport data, invoices, payment advice notes and credit memo data. For message conversion, the standardized transformation languages XSLT and XPath are used to ensure the company remains open to future requirements in the integration of various applications.

Processes can be monitored technically from all locations and statuses and progress can be viewed, while the user interface is displayed in the respective local language. Data contents or processing information from process runs or master data are transferred automatically to monitoring and visualized in the Enterprise Portal.



MAGNA STEYR Fahrzeugtechnik AG & Co.KG

The Graz-based plant of the automaker and supplier MAGNA STEYR handles communication between more than 170 IT systems and subsystems with the inubit Suite. The task involves the formatting of data for and from the internal applications transferred using SAP as well as OEM data for SAP and MAGNA's own ERP system SAM.

The inubit Suite expands the IBM middleware Websphere MQ, turning pure data transfer into data transmission that plugs the data directly into the respective internal processes. And its distribution across three servers ensures great system stability.



Gebrüder Weiss GmbH

inubit consolidates the IT architecture, which is distributed across several EDI servers, integrates roughly 100 partners and 400 customers and enables exchange between various message formats, including record structures, EDIFACT, customer-specific formats, XML and binary files as well as connection to FTP, e-mail, voicemail (IBM, Eurolog, Telekom) and MQSeries.

Following the execution of the integration project, all company areas, from land transport to air and sea freight to logistics and financial services, have been integrated. The company profits from a clear IT architecture that ensures secure and fast data transfer, a very low error rate and reduced maintenance costs, achieved through the elimination of numerous interfaces and integration gaps.

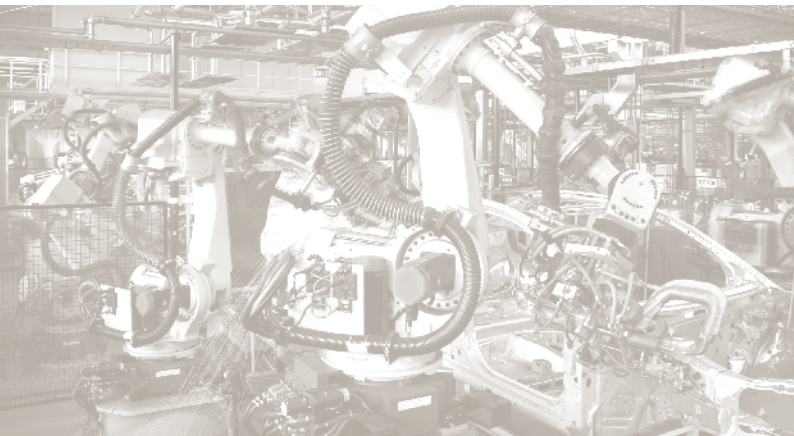


Über inubit

inubit AG is a leading provider of holistic process management solutions. From the inubit Suite as the technological backbone, to BPM methodology and a wide range of services, inubit supports companies in all phases of Business Process Management.

To achieve sustainable results, inubit merges the requirements from IT and business departments and implements them in continuously applicable products and solutions with a good price-performance ratio.

inubit is present in over 10 countries with its regional companies and local partnerships and has more than 450 customers worldwide.



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