intex consulting group

Headquarter:
Wuppertal, Germany
Subsidiaries:
São Paulo, Brazil
Shanghai, China
New Delhi, India
Bangkok, Thailand

ERP Software Solutions for Textiles

The Innovative ERP Business Suite for Textile Companies

intex ERP Business Suite

Our Advantages – Your Benefits

Headquarter:
Intex Consulting GmbH
Otto-Hausmann-Ring 107
42115 Wuppertal
Germany

Tel. +49 (0) 2 02 2 71 60-0
Fax +49 (0) 2 02 2 71 60-30

info@intex-consulting.com

intex is a modern standard Enterprise Resource Planning software for the textile industry.

intex is specially designed for textile companies. It can therefore be quickly implemented without expensive modifications.

intex offers a standard software which, unlike other solutions, doesn't require extensive adaptations for the customer. The standard is permanently being enhanced, thereby your investment is optimally protected.

intex was developed for the "Just-in-Time" production. This keeps your inventory to a minimum, releases capital for investments and reduces costs.

intex reduces the material usage by analyzing material waste and internal reprocessing.

intex increases the efficiency and improves capacity utilization through precise planning, shortening of downtime and setup time and reduction of internal reprocessing.

intex is a logistic solution, targeting to supply all machines in a timely manner with the required resources.

intex plans against limited capacity in all production stages.

intex reduces the response time of your company, rationalizes and simplifies work routines and makes you stronger to compete successfully in the international market.

intex improves your customer service and makes you a reliable partner with high international service quality. You will thereby attain more profit from your current customer relations.

intex facilitates several significant controlling functions, such as the carrier invoice auditing, which is difficult to trace back manually, and therefore will save you money.

intex can be parameterized flexibly and can be adapted optimally to your company's needs and to the individual workstations without further programming.

intex helps you to trace batches forwards and backwards, i.e. it allows you to trace from the fiber bale up to the T-shirt which batches were used.

intex prepares your company for the ISO 9000 ff. certification.

The innovative ERP Business Suite for Textile Companies

Administration

The **intex** system administration is not complicated. This is why it is also a very cost-efficient solution during operation.

- No central operating
- Low hardware requirements
- No cyclical reorganizations

Scalability

intex is a modern Client-Server application, based on a three-tier-architecture. The scalable structure of **intex** is unparalleled within the textile software systems. The structure enables fast response times, even with a weak remote connection or via the Internet.
The **intex** user can access the application with our Windows- or our web-client*.

- **intex** has a modular structure. You can start implementing a specific function and extend the system subsequently at low costs.
- **intex** can be installed in your company on one workstation or for several hundreds of users.

General Management

intex always keeps you up to date about the activities in your company. You can access your **intex** system remotely, in case you are out of the office.
You always get current ratios of order inflow, order volume, turnover, marginal contribution, stock levels, customer claims, second quality, production, capacity utilization, liquidity and currency risks.

- Executive Information System (EIS, Cockpit)
- Management Information System (MIS)

Platforms & Databases

intex supports the most important platforms:

- Windows Server
- IBM i5 (AS/400)
- Unix HPUX
- Linux Redhat
- Sun Solaris
- IBM AIX

intex runs on the most important databases:

- Oracle
- IBM DB2/400

Security

intex puts great emphasis on data security.

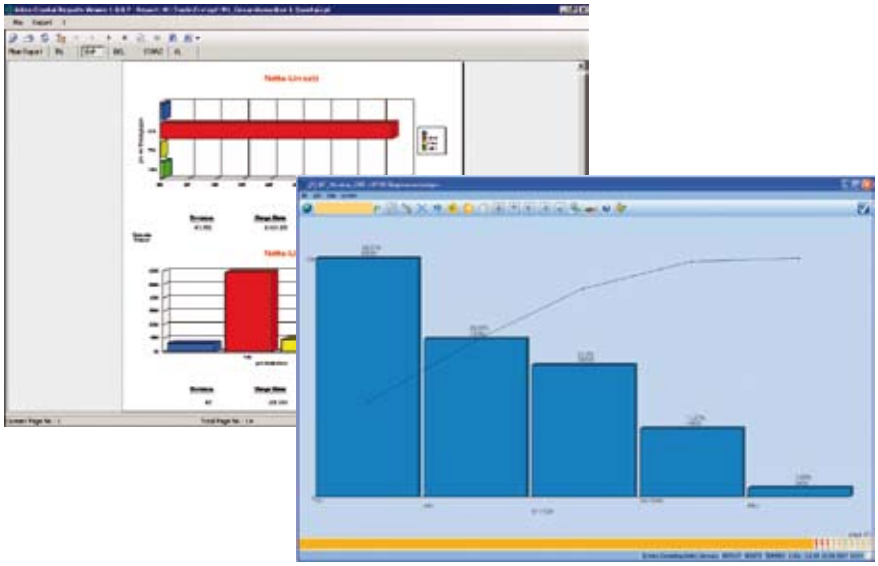
- In case of incorrect entries, **intex** provides interactive prompts on how to solve the problem.
- Modifications are verified and booked online.
- No data damage as each database modification is processed with transaction locking.
- Each user has to log on with a password.
- No unauthorized data access and modification.
- Sophisticated authorization administration down to field level.
- The user gets access only to those functions which are assigned to him.
- Traceable change-log for important data.
- Protocol for each modification, saving user-ID and date.

Sales

A smooth order processing and a proactive sales department are essential for the success of your company.

You have to make sure that your customers are always satisfied with your service. **intex** assists you with an easy and automated order processing which requires minimum data entry. Your staff can focus on their main tasks without wasting valuable time on data collection.

- Management of proposals and contracts
- Management of orders
- Automatic pricing
- Management is notified via **intex**-mail in case of prices going below a certain price limit and this triggers an electronic approval procedure
- Automatic allocation
- Automatic determination of delivery date
- Monitoring of dates
- Early warning system
- Credit assessment
- Electronic Data Interchange (EDI)
- Link-up to E-shop (WebEDI)
- Data sheets
- Design archive with image display
- Transmission of order confirmation by E-mail, incl. data sheet and article image
- Fax transmission directly by **intex**
- Price calculation
- Customer Relationship Management (CRM)*
- Marketing Project Management System
- Cut Control Station
- Registration of orders on trade fairs
- Organization of the sample room
- Sales and order statistics
- Every clerk has direct access to the necessary analyses at his workstation



Dispatch

An optimized sales cycle requires an optimized dispatch handling. As soon as the delivery is released, the goods can be shipped.

- Determination of the most economic routing
- Optimized stock picking validated by scanning
- Different levels of packaging
- Planning of routing
- Invoicing; different customer parameters possible Annex A&B (USA), Invoice Detail Sheet
- General Ledger interface
- Freight documents and labels
- Export documents
- Freight cost calculation
- Data transfer to carrier and customer
- Interfaces with UPS, DPD, GLS, etc.
- Freight cost check
- Intrastat, Kobra, Extrastat, AVV-interface

Purchase

In order to deliver to your customers in due time, you have to rely on the supply availability and timeliness of your suppliers. **intex** supports your purchase department to monitor this.

- Reduction of the storage costs by exact timing of deliveries
- Improvement of scheduling accuracy in the production, thereby less delay in production and lower loss of productivity
- Reduction of purchase prices
- Automatic determination of requirements
- Proposal of purchasing order and authorization
- Request for quotation, selection of supplier
- Price lists, conditions, contracts
- Purchase order, call-off order, deadline monitoring
- Electronic Data Interchange (EDI)
- E-commerce interface
- Control of incoming goods and **intex**-mail to the goods' recipient
- Invoice verification and booking into General Ledger
- Key Performance Indicators (KPI)

Production Planning

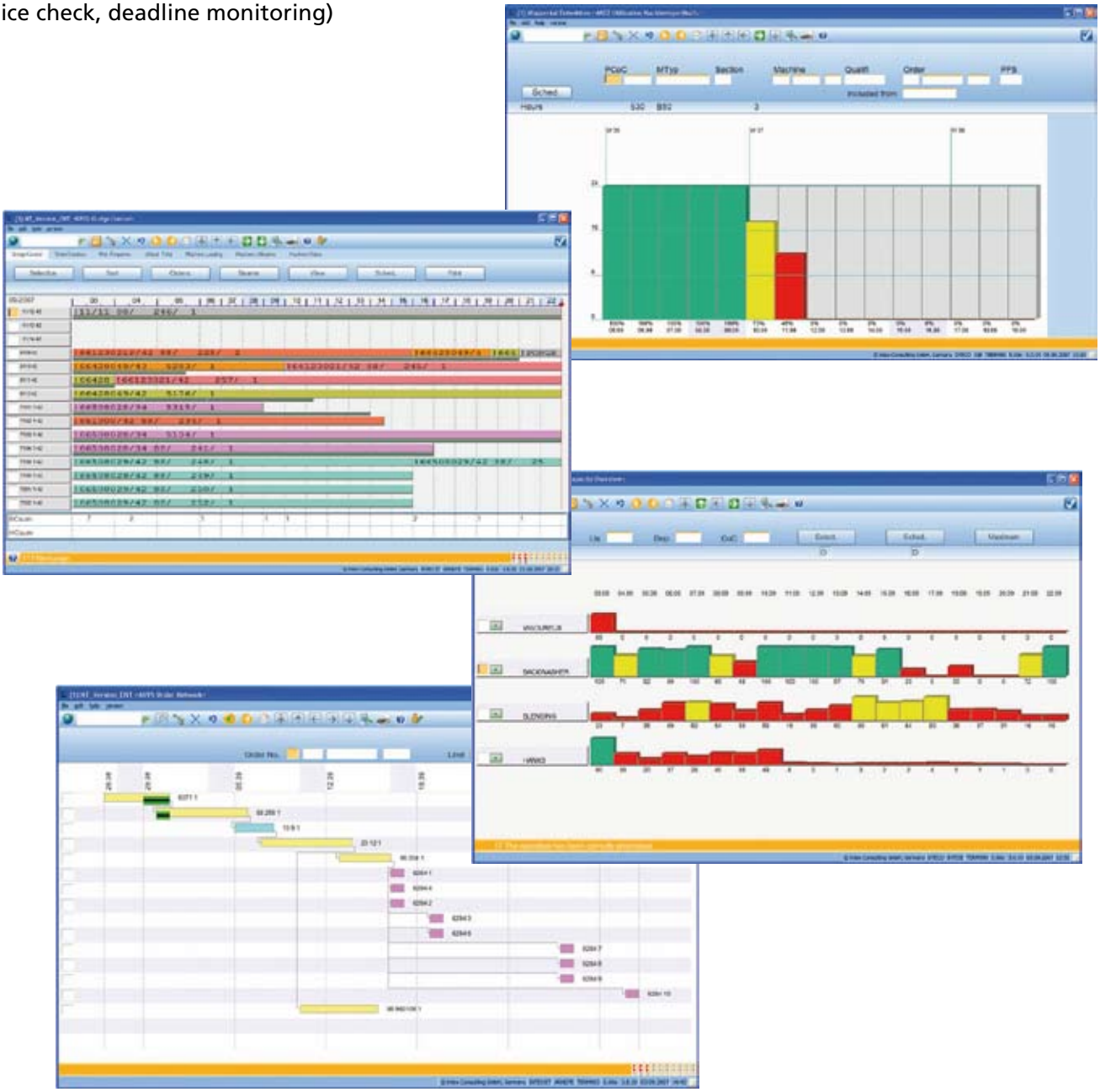
The **intex** production planning is the core of the **intex ERP Business Suite**. All production processes can be displayed and optimized in **intex**. This helps you to increase the efficiency of your production.

intex can improve both order- and stock-related production.

The task of the production planning department is to ensure the raw material availability and to use your production to full capacity. Therefore, the production orders have to be processed and the order progress has to be controlled.

The planning is always done against finite capacity. Only a few systems in the market have this functionality. Due to the **intex** production planning, you obtain reliable delivery dates and can deliver your goods on schedule.

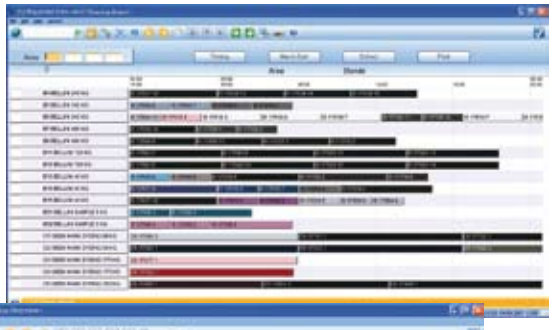
- Requirement planning with calculation of the availability date incl. the availability of all recipe components
- Smooth and continuous breakup of finished goods over several production stages down to the fiber
- Dynamic availability calculation of raw material and daily determination of the inventory
- Capacity planning with finite capacity and automatic selection of optimal machine size
- Target date of each production step
- Possibility of running scheduling simulations
- Automatic progress control and **intex**-mail alert when exceeding deadline
- Reservation of orders of different process stages
- Display of order network
- Subcontracting (order, delivery note, pricing, invoice check, deadline monitoring)

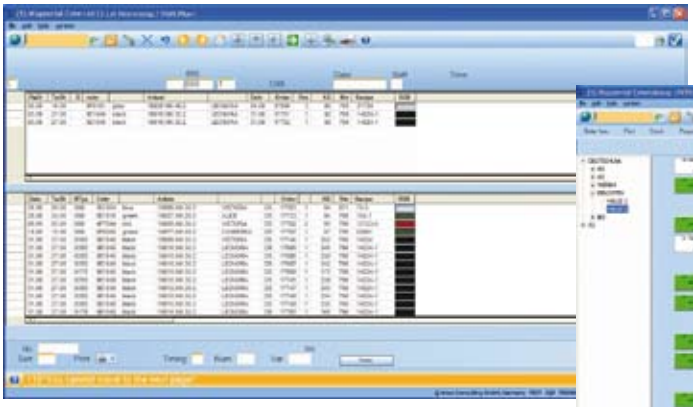


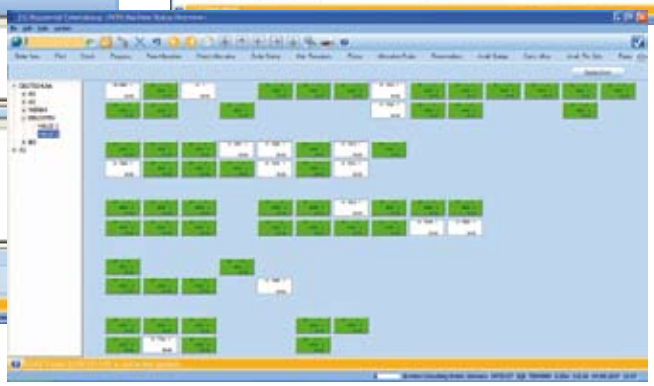
Production Scheduling

The rough scheduling of the production orders is done in the production planning. The detailed planning and the generation of the shift schedule are the tasks of the operating departments.
intex is the only system offering optimization methods for the setup times of different processes.

- Scheduling of order sequence for each machine at optimal costs
- Electronic planning board for the finishing department
- Graphic control station for the weaving and warp-knitting department
- Recipe calculation and automatic dosing
- Application for weighing dyestuffs and chemicals
- Recall of print screens and goods





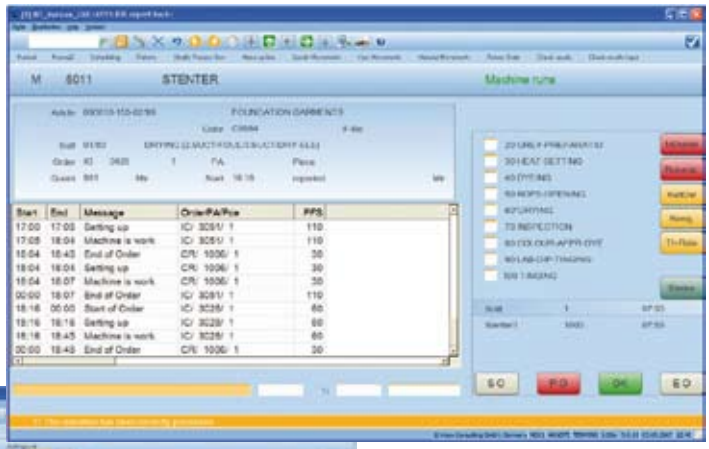


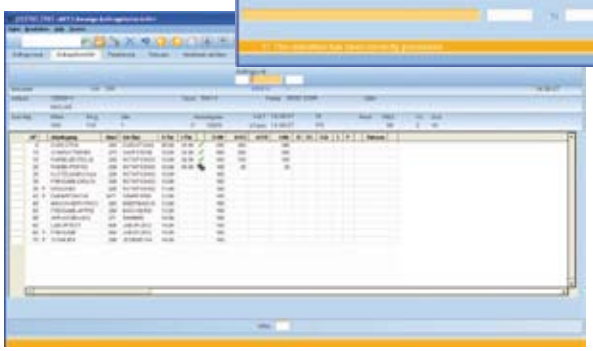
Production Data Collection

The modern Production Data Collection (PDC) is a sophisticated **intex** module. **intex** is the only system that is able to monitor the single pieces through the complete production process. This function facilitates the traceability of problems back to the machine, the settings and the production staff.

The machine dialogue can be configured per machine, so the operator interface can be adapted optimally to the requirements.

- Data collection of staff, order and machine
- Touch screen or barcode
- Prevention of manual faulty entries
- Error avoidance, as each entry is directly cross-checked with the database
- Actual values, infeed meterage, output meterage
- Display of machine settings
- Display of scheduled sequence
- Fault recording
- Statistics of efficiency, downtime, operating time



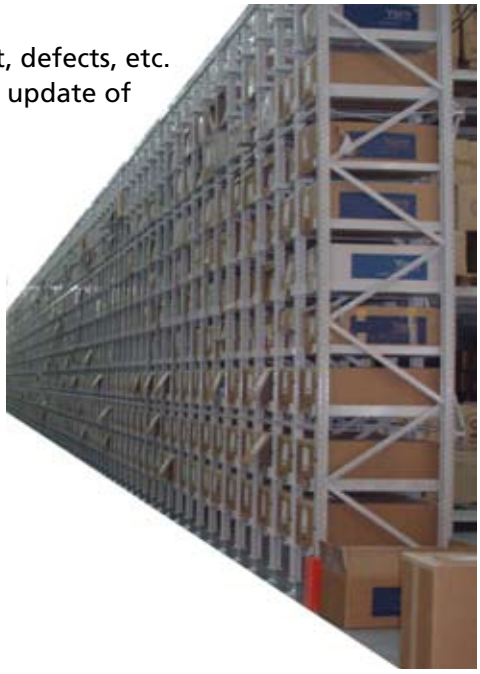


Inventory & Material Management

In **intex** it is easy to overview over your material stocks on all levels.

- Yarn and fiber inventory
- Raw and finished goods inventory
- Inventory of apparel
- Material stocks of chemicals, auxiliaries and dyestuffs
- Spare part management

intex allows a detailed insight, not only into the inventory for each plant, area and storage place, but also for the Work-in-Progress (WIP) and the production stocks.



- Administration of technical details, such as piece length, width, weight, defects, etc.
- When production step is reported, automatic movement of goods and update of material inventory is done by the system
- Retrograde calculation of material usage
- Average price, shelf life, range of coverage, expiration date
- Quality grade, original batch
- Monthly balance with different valuation criteria

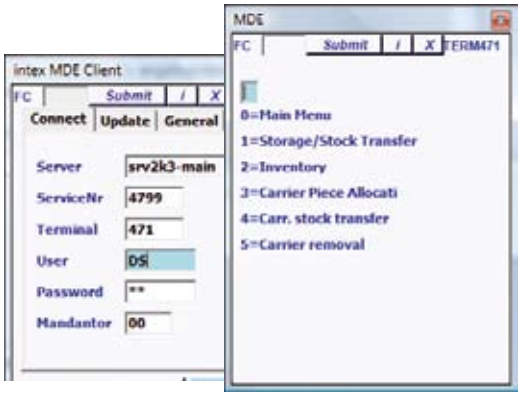
All different kinds of stocks, automatic or manual, can be administered and connected by interfaces. **intex** also offers an own high rack stock control.

- Internal transport control, it is possible to call order from machine
- Transportation orders for rack feeder
- Reporting of transport by scanning
- Control system for high rack warehouse
- Connection to automatic stocks
- Piloting of band-conveyors by DNC
- Transponder technology*

Online Scanning

intex offers an online scanning application, which helps you to improve the stock-handling and to optimize the booking in the production and shipping departments. This application is integrated directly in **intex** and does not have to be integrated by an interface.

The **intex** application runs on WLAN-scanners, without a further subsystem.

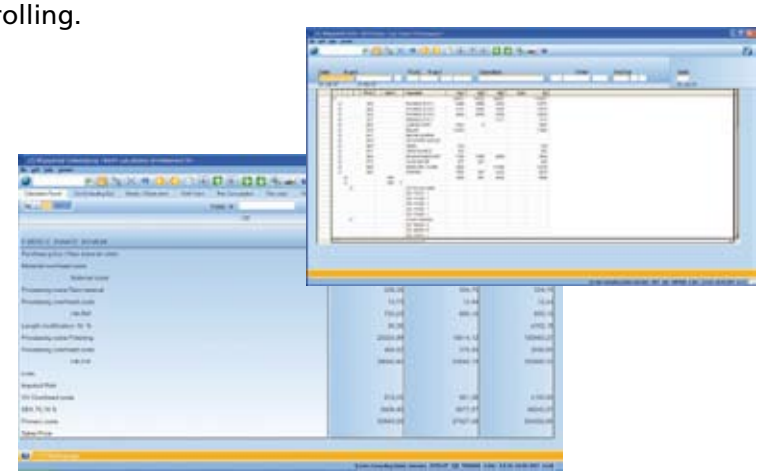


- Material movements are collected exactly
- Wrong picking is avoided
- No administration of further interfaces

Controlling

The controlling in **intex** is the most important part of the Management Information System (MIS). It covers functions of the costing and the operative controlling.

- Activity-based pricing, depending on the input involved and the lot size
- Cost rates, e.g. depending on lot size or labor input
- Precalculation with cost-simulation
- Post calculation with standard and actual costs
- Management of valuation price and accounts
- Inventory valuation
- Analysis of article, customer and cost center profit
- Daily reports



intex ERP Business Suite

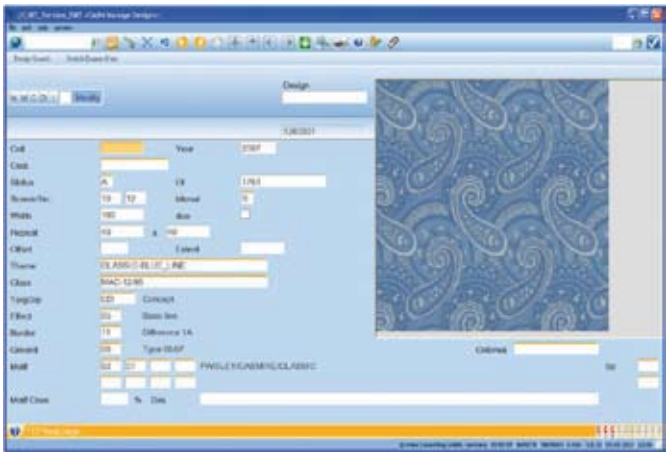
- so your R&D can focus on creative pursuits

Product Development

Due to intex, your R&D-department can focus more on their creative tasks. The administrative effort is being minimized and redundant data in different textile-specific CAD and designing systems are avoided.

Especially the process-flow-administration in intex provides reliable data with minimum effort. The order process flow can be generated automatically, depending on article characteristics and requirements.

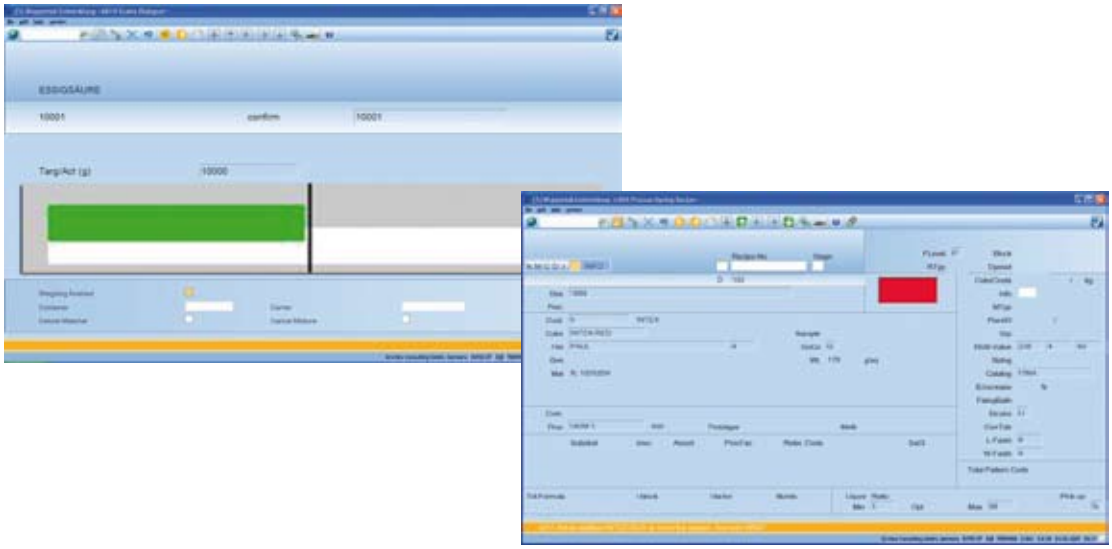
- Interface to CAD systems
- Technical description of the article with textile-specific characteristics
- Technical data sheet
- Weave repeat editor, drawing in, peg plan, denting and selvedge construction*
- Warp and weft repeat construction and balancing
- Automatic calculation of raw material requirements given by the construction
- The intex process flow can be generated automatically by the article's characteristics and requirements
- Search for similar articles in the archives when developing new ones
- Better reproducibility of samples
- Recipes, designs, screens
- Administration of reference samples, color cards
- Link to external Windows documents
- Product Development Management (PDM)*



Laboratory & Recipes

The central administration of recipes and laboratory orders and samples helps you to optimize the cost- and time-intensive processes of adjusting new dyeing and finishing recipes.

- Excellent recipe administration
- Interfaces to different colorimetry and dye kitchen systems
- Integrated balance dialogue and scale connection



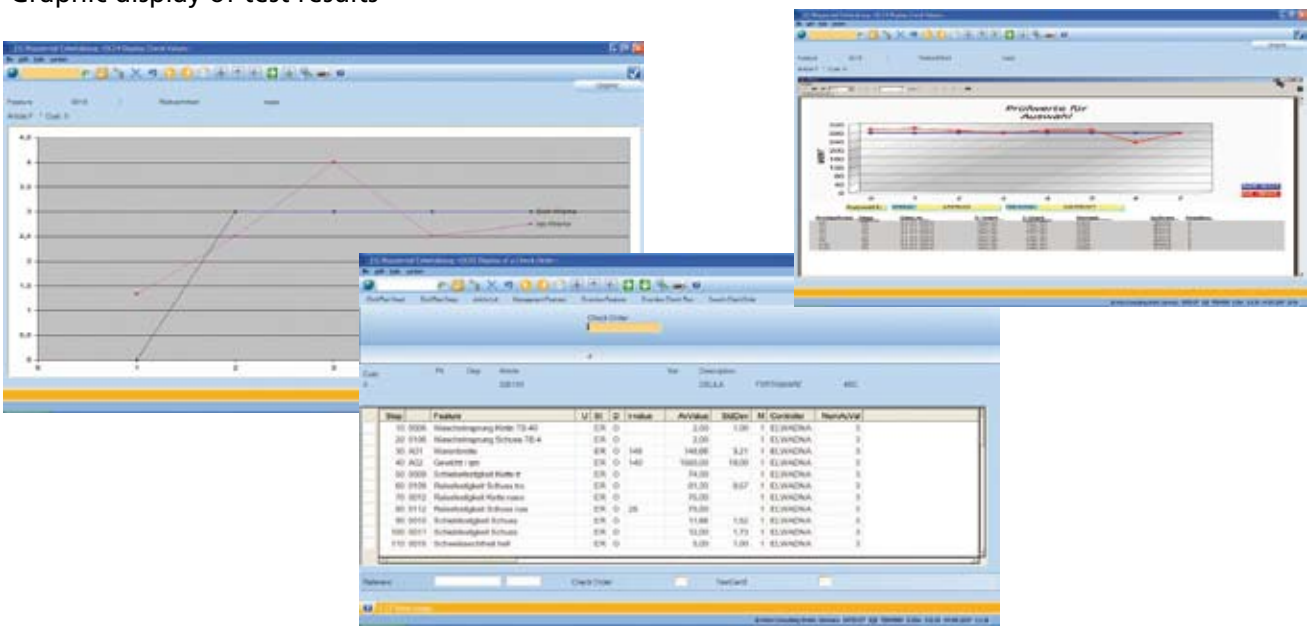
intex Quality Star

- because quality matters

Quality Management

An important aspect of the Quality Management (QM) is the Quality Assurance. intex helps you to ensure that your products meet the requirements of your customers and that the quality of your deliveries is up to your standard.

- Control of incoming goods
- Quality control during production
- Laboratory tests
- Automatic generation of testing orders and notice of result
- Administration of test results down to piece level
- Graphic display of test results
- Data sheet and test certificate
- Forwards and backwards tracking of materials in case of customer claims
- Internal reprocessing with documentation of causes
- ISO 9000 ff.



Quality Inspection

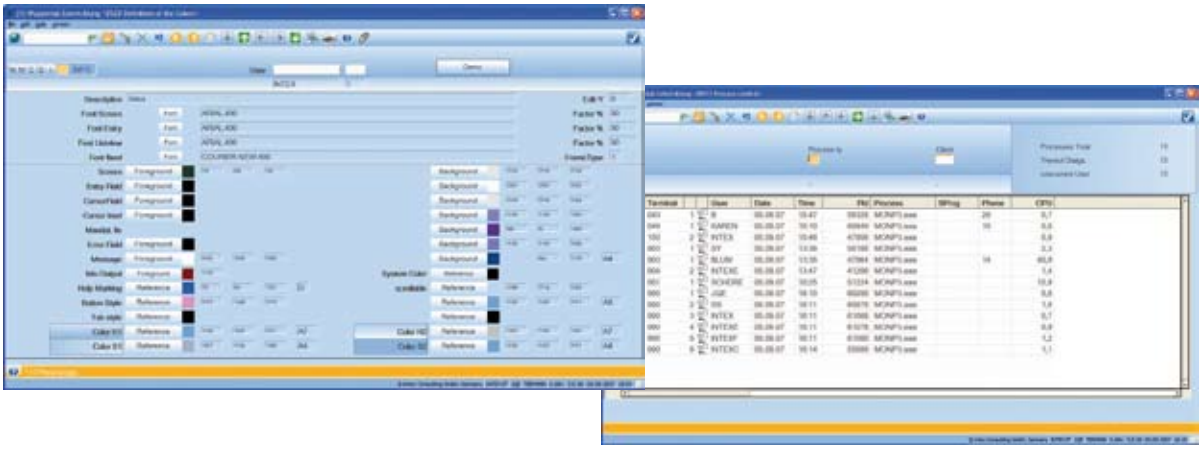
intex **Quality Star** is the integrated online quality inspection for greige and finished goods.

- Standard and customized make-up instructions
- Automatic assignment of quality grade
- Automatic allocation to sales orders
- Customer-specific labels and defect report
- Customer-specific and customer-neutral fault catalog
- Rules for taking samples and customer-specific allowance
- Cut optimization*
- Connection of meter counter and scales
- Integration to the sample administration
- Activity recording in the quality inspection

System Administration

In order to keep your system always up to date, we regularly release a new version, which can be downloaded from the Internet. The installation of the updates is fast and easy.
intex is available 24 hours a day, 7 days a week and backups take place without ceasing the system.

- Comprehensive authorization administration down to field level
- Change-log recording modification user and date
- Large number of analysis reports
- Transaction locking of each database modification
- ODBC-access with MS Access, Excel, etc.
- Print-outs can be parameterized without additional programming
- Every transaction is verified and booked online
- No batch jobs necessary at night time



Convenience & Handling

intex is easy to learn and simple to operate.

- Consistent format and function construction with window technology allows you to handle unknown or rarely used functions intuitionally
- Entries for all externally checked fields can be chosen from list-windows and activity-related search functions
- Detailed online documentation on application, format and field level
- Interactive prompts with tips for troubleshooting
- Complex queries with partial qualification and options for the immediate processing of your selection
- Distribution of output on any printer and fax machine within the network are integrated in the user interface
- Up to 10 independent operation levels per session (processes which are carried out simultaneously)
- Flexible explanations for transactions, master data, etc.

Interfaces

intex provides a large number of interfaces. The modular and customizable interface technology of **intex** facilitates the quick and effortless adjusting of interfaces. It also supports the modern XML standard.

- SAP-FI, Oracle Financials, Navision Financials, et al.
- Barco, Setex, Loomdata, et al.
- Küsters, Then, et al.
- Datacolor, ITM, et al.
- Mettler, Bizerba, Ravas, et al.

Filing

Outgoing documents can be optically archived, indexed and displayed in **intex**. Filing systems can be connected through the “archive link interface”.

Languages

intex is available in the following languages:

- English
- German
- Italian
- Portuguese
- Chinese
- Spanish
- French
- Czech
- Turkish

These various languages can be operated simultaneously. This means, different users can work in a different language in different parts of the world and still access the same database on the same server.

With our internal dictionary, it is easy for the user to add a new language.

Documents, such as order confirmations, can be printed in different languages, depending on the customer requirements.

intex supports all measurement units, currencies and date formats. This is fundamental for export-oriented companies.

Implementation

Not only do we provide software, but we also have many years of experience in the optimization of processes in the textile industry.

Our standard implementation methodology leads to lean and fast projects.

Our experts not only accompany customers on their way to productive use of the software, but also support them in enhancing the system to suit their changing requirements.

We combine international know-how with local experts in our subsidiaries and business partners worldwide.

Workflow

In order to carry out your internal procedures more quickly and efficiently, **intex** allows the automation of important operations. The main task of the integrated workflow control is to ensure that an order can be confirmed the same day. Therefore, tasks are transmitted automatically from one clerk to the other.

Support

In case you need support, **intex** and our support-team will help you as quickly as possible to ensure your satisfaction. The help desks at our various locations will attend to your needs around the clock.

- Hotline service to support you in case of questions and problems when using the system
- Technical support via Internet to analyze and fix software bugs

We are interested in supporting our product - your software - in the long term and provide our support at least for the next 10 years.

Facts

- Founded in Wuppertal, Germany, in 1995
- Specialized in Enterprise Resource Planning (ERP)
- Application and solutions for the textile industry
- Subsidiaries in Brazil, India, Thailand, China
- Represented by partners in different countries
- Highly qualified international staff with many specialists who are always up-to-date
- More than 100 customers worldwide

Services

- Business Process Reengineering (BPR)
- Process optimization
- Software development
- Implementation and training
- Process automation
- Outsourcing

intex consulting group

Headquarter:
Intex Consulting GmbH
Otto-Hausmann-Ring 107
42115 Wuppertal
Germany

Tel. +49 (0) 2 02 2 71 60-0
Fax +49 (0) 2 02 2 71 60-30

info@intex-consulting.com
www.intex-consulting.com

Intex Consulting Group subsidiaries:

Brazil

Intex Brasil Ltda.
R. João XXIII, 303
06730-000
Vargem Grande Paulista
São Paulo
Brazil

Tel. +55 (0) 11 99 72 71 62
Fax +55 (0) 11 41 59 26 92

brazil@intex-consulting.com

China

Intex China Co., Ltd.
Technology Center, Rooms 113-114
No. 1 Guotai Road North
Economic Development Zone
Zhangjiagang City, 215638
Jiangsu Province, China

Tel. +86 (0) 512 58 58 - 17 72
Fax +86 (0) 512 58 58 - 17 82

china@intex-consulting.com

India

Intex Consulting
India Pvt. Ltd.
C-4/10, Safdarjung
Development Area
New Delhi 110016
India

Tel. +91 (0) 11 26 56 87 00
Fax +91 (0) 11 62 34 9 39

india@intex-consulting.com

Thailand

Intex Consulting Thailand Co.,Ltd.
1 Silom Road
Level 9, Zuellig House
Silom
Bangkok 10500
Thailand

Tel. +66 (0) 2231 83 03
Fax +66 (0) 2231 81 21

thailand@intex-consulting.com

* = projected

© 2007 Intex Consulting GmbH DSJQ