datatex Sales Inventory Production Purchasing Planning Scheduling Shop-Floor Fabric Inspection Business Intelligence Fiber Yarn Fabric Nonwovens Floor Covering Garment Home Textiles Industrial Textiles Automotive Textiles B0M Recipes Print Design Weaving/Warping Pattern Dynamic Process flow Size/Color Matrix Specification sheets Product Coding Multiple UM's Sales Inventory Production Purchasing Planning Scheduling Shop-Floor Fabric Inspection Business Intelligence Fiber Yarn Fabric Nonwovens Floor Covering Garment Home Textiles Industrial Textiles Automotive Textiles B0M Recipes Print Design Weaving/Warping Pattern Dynamic Process flow Size/Color Matrix Specification sheets Product Coding Multiple UM's Sales Inventory Production Purchasing Planning Scheduling Shop-Floor Fabric Inspection Business Intelligence Fiber Yarn Fabric Nonwovens Floor Covering Garment Home Textiles Industrial Textiles Automotive Textiles B0M Recipes Print Design Weaving/Warping Pattern Dynamic Process flow Size/Color Matrix Specification sheets Product Coding Multiple UM's Sales Inventory Production Purchasing Planning Scheduling Shop-Floor Fabric Inspection Business Intelligence Fiber Yarn Fabric Nonwovens Floor Covering Garment Home Textiles Industrial Textiles Automotive Textiles B0M Recipes Print Design Weaving/Warping Pattern Dynamic Process flow Size/Color Matrix Specification sheets Product Coding Multiple UM's Sales Inventory Production Purchasing Planning Scheduling Shop-Floor Fabric Inspection Business Intelligence Fiber Yarn Fabric Nonwovens Floor Covering Garment Home Textiles Industrial Textiles Automotive Textiles B0M Recipes Print Design Weaving/Warping Pattern Dynamic Process flow Size/Color Matrix Specification sheets Product Coding Multiple UM's Sales Inventory Production Purchasing Planning Scheduling Shop-Floor Fabric Inspection Business Intelligence Fiber Yarn Fabric Nonwovens Floor Covering Garment Home Textiles Industrial Textiles Automotive Textiles B0M Recipes Print Design Weaving/Warping Pattern Dynamic Process flow Size/Color Matrix Specification sheets Product Coding Multiple UM's Sales Inventory Production Purchasing Planning Scheduling Shop-Floor Fabric Inspection Business Intelligence Fiber Yarn Fabric Nonwovens Floor Covering Garment Home Textiles Industrial Textiles Automotive Textiles B0M Recipes Print Design Weav-

datatex®

we make IT work for you

Business Software Solutions Specialized for:
Textiles, Apparel, Home Fashions, Technical Fabrics, Accessories, Nonwovens, Rolled Goods, Floor Coverings

Production Purchasing Planning Scheduling Shop-Floor Fabric Inspection Business Intelligence Fiber Yarn Fabric Nonwovens Floor Covering Garment Home Textiles Industrial Textiles Automotive Textiles B0M Recipes Print Design Weaving/Warping Pattern Dynamic Process flow Size/Color Matrix Specification sheets Product Coding Multiple UM's Sales Inventory Production Purchasing Planning Scheduling Shop-Floor Fabric Inspection Business Intelligence Fiber Yarn Fabric Nonwovens Floor Covering Garment Home Textiles Industrial Textiles Automotive Textiles B0M Recipes Print Design Weaving/Warping **we make IT work for you**

Confirming Our Worldwide Presence

Global Needs of the Industry Create Added Value

Datatex Runs Around the World

Albania
Algeria
Argentina
Australia
Austria
Bangladesh
Belgium
Bolivia
Bosnia
Canada
China
Colombia
Croatia
Czech Republic
Dominican Republic
Egypt
England
France
Germany
Honduras
Hungary
India
Indonesia
Israel
Italy
Jordan
Lesotho
Lithuania
Malaysia
Mexico
Pakistan
Peru
Poland
Portugal
Romania
Russia
Serbia
South Africa
Slovakia
Sri Lanka
Switzerland
Thailand
Tunisia
Turkie
Turkmenistan
USA

Worldwide Experience, a Benefit to All

Datatex has a global presence, both through its own offices, as well as through its worldwide network of leading software houses that provide timely and highly qualified customer service with product competency at a local level. 7 offices, 4 development centers, 7 competency centers, 25 Business Partners, real-world solutions in 14 languages.

No matter where your organization is located, Datatex global and local presence can help you reach your strategic objectives. Datatex customers relocating plants to foreign, even remote, countries are assured of full support. The local Business Partners, selected for the quality of their service, contribute with their knowledge of regional requirements and languages.

Languages

Arabic
Chinese
Dutch
English
French
German
Hebrew
Italian
Lithuanian
Spanish
Portuguese
Thai
Turkish
Vietnamese

Innovation Is the Key Factor

Trust in Quality and Technology Is the Principle Driving Progress

Innovation: A Moving Target

To appreciate the present, sometimes it is good to look at the past. Systems and software historically were limited to “islands of information” not integrated. The Internet made it easier the information access to the net and unprecedented interoperability, which has motivated the development of applications able to communicate with one another. Datatex made the best use of this technological innovation, developing solutions that convert information into knowledge. This provides useful insights to companies about how to best manage their businesses and allows them to save a lot of time and money.

Flexibility, Modularity and Faster Response

Datatex solutions are designed to be flexible. They provide a complete and effective framework for every specific business process because they have been developed for the peculiar needs of the textile industry. Thus, the customer can easily adapt the solution according to his organizational model. Examples include user-defined templates and policies to parametrize Datatex solution according to the company’s requirements, without having to create any customized program. Furthermore, to lower the costs of system management, Datatex suggests a multiple-step process of installation: customers shall begin with a single business process area, then expand as the needs of the organization evolve and grow. Datatex customers have seen great benefits in this modular approach that allows the best use of the available resources and lowered maintenance costs. Finally, Datatex technology allows making choices independently from the software installed by your hardware and middleware supplier.

Network Oriented and Web Service Architecture

With the Internet, the cooperation between customers and suppliers along the entire supply chain has become much more effective. To achieve this result, the application has to be based on universally accepted standards, such as user interfaces, programs, data interchange, and effective communication among different applications. Some of the benefits of a web-based architecture are server-centric architectures, browser interface, data privacy, and field checks; access to services through Web; SOA (Service Oriented Architecture) – ready; high reliability and scalability of the solution. Indeed NOW, evolves with the company to adapt itself to the new needs of the customer’s business.

Technology Independence and Easy Integration

The technology independence is a fundamental feature that guarantees: full compliance with JEE (Java Enterprise Edition). These 3-tiered architecture standards; which now represent a standard that is universally accepted and assures hardware platform independence; database compatibility and accessibility by all browser-enabled devices. Datatex chose the JavaEE approach because beyond its recognition as a worldwide unique standard by the main IT providers, it maintains the application logic, despite the effects of technological evolution and assures high productivity in development. The final result is a highly flexible and scalable product.

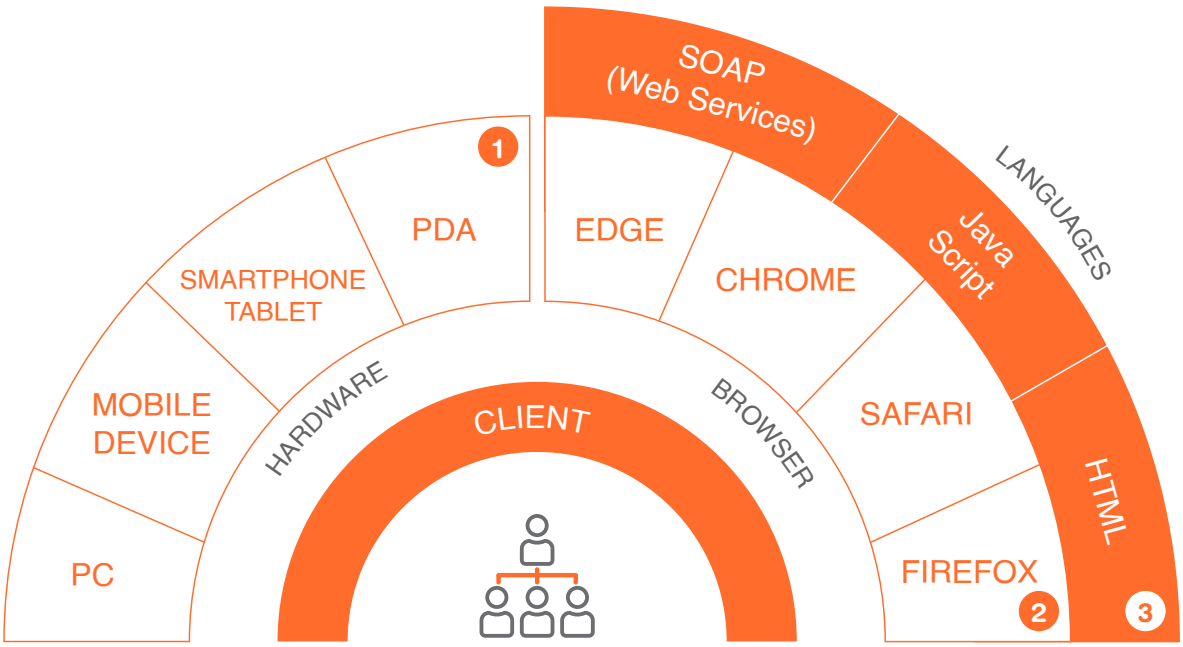
New Levels of Personal Productivity

Without a doubt, personal productivity amongst the user community is greatly enhanced when they have personalized and tailored user experiences. Datatex solutions directly facilitate an enabled user community by providing simple integration with the most widely adopted productivity tools such as Microsoft Office, Crystal Reports and various business intelligence engines. Datatex also provides a rich user experience through seamless multi-media integration. By making sensible use of web services, and

other standards like JSON, EDI, and XML, end-user productivity will reach new heights as they seamlessly interact with various applications across different parts of the supply chain. Datatex also boosts user productivity by providing functions like batches, configurable report prints, and multi-language documentation. Eventually, other functions can be added, taken away, or replaced without having to modify the actual software code, just by using configuration charts.

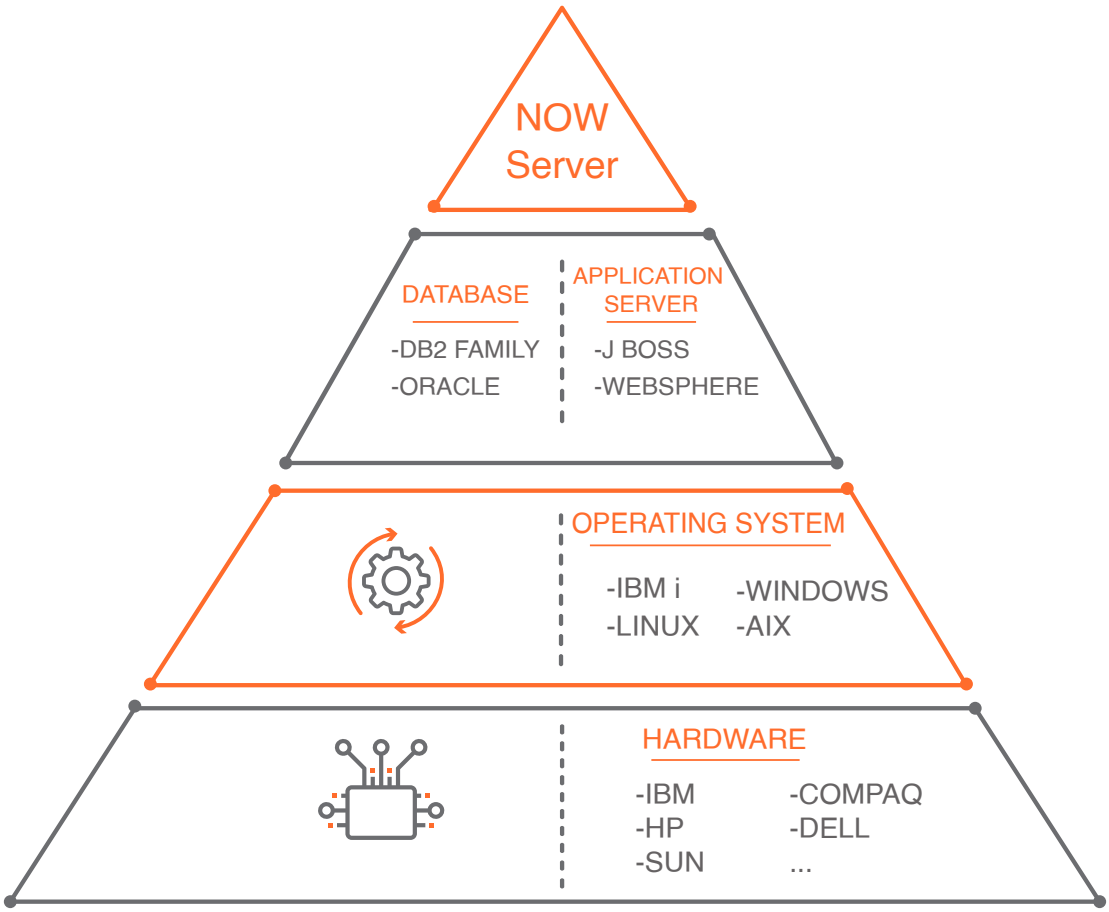
High Security Levels and Reliability

Today, logistic networks demand-supply chain systems that easily extend to manufacturing partners and key suppliers, all the while protecting enterprise core data. Datatex has responded by designing a solution that easily and cost-effectively brings collaborators on board with a detailed view of logistics. Key partners have their unique log-in and data is presented that only applies to their part of the supply chain; any efforts to access other areas of the system are restricted by security down to a single field level if desired. Additionally, Datatex keeps a keen eye on protecting our customers from cyber-attacks such as cross-site scripting (XSS), SQL injection (SQLi), local file inclusion (LFI), or distributed denial of service (DDoS) are all part of the attention that Datatex pays to its solution.



A Simple and Intuitive User Interface

Because of its architecture, Datatex users can access the applications with any browser-enabled device, including mobile phones and tablets. The solution will automatically display the screens in the browser's defined language. Other user-friendly features: tailored menus and displays, automatically generated exception reports, to-do lists such as -production orders to release, -exporting to popular office automation tools, use of any type of multi-media tool like images, scanned documents, video, spreadsheets.



The NOW Solution

The New Generation Software Solutions from Datatex: NOW - Network Oriented World

Business Software Solutions Specialized for:

Textiles
Apparel
Home Fashions
Technical Fabrics Accessories
Nonwovens
Rolled Goods
Floor Coverings

Specific, Specialized and Innovative Capabilities

NOW is a new family of software products with innovative functions and modules, designed to help small, midsize, and large enterprises to better use technology and the Internet to drive productivity gains. With global supply chains, the textiles, apparel,floor coverings, and rolled goods markets are demanding greater variety in new product introductions and faster deliveries - all while lowering unit costs. NOW offers proven solutions that meet the needs of this segment that are easily installed in any environment.

Dynamically Integrating Your Business Processes

NOW is built with Object-Oriented technology to offer web-based solutions for sales, planning and production, costing, inventory management, and purchasing. Integration and visibility provide clear advantages. NOW constantly plans and monitors each step of the production process, gathering and analyzing information, and following every job from order entry to delivery and invoicing.

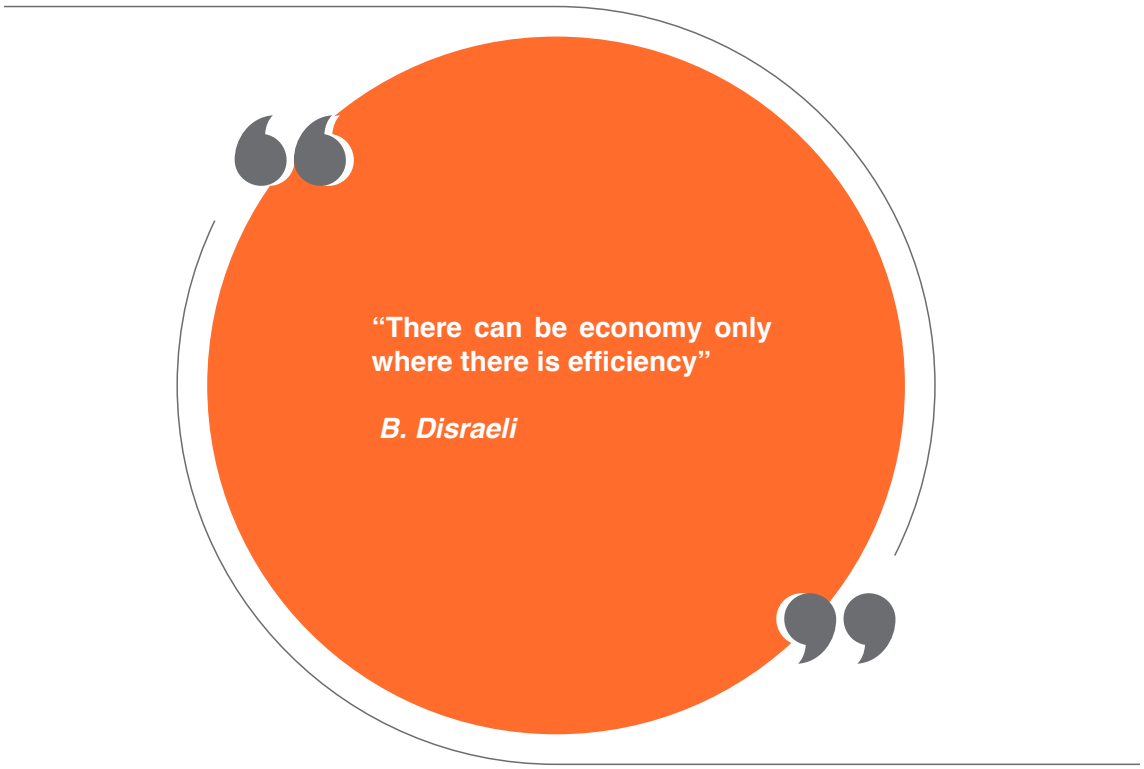
More Effective Business Insight

The NOW solution is planned to assist textile businesses and to give the insights needed to make the best business decisions. This translates to competitive advantages, agility and the ability to quickly enter new and emerging markets. For business executives in the textile specialized market segments, NOW offers the adaptability of a flexible configuration and easy integration to other business and IT environments. Furthermore, there are costs reduction benefits of an adaptable packaged solution vs. a custom-designed, home-grown set of programs. The total cost of ownership is much less than in-house solutions and of ERP's (Enterprise Resource Planning) not designed for the textile.

Linking Customers and Suppliers to Company's Supply Chain

NOW is functionally integrated specifically for this market and comes with rich e-business functionality for the entire supply chain. Partner visibility improves operational performance, the flow of goods and manufacturing flexibility. By managing XML (eXtended Markup Language), all supply chain partners have access to NOW web- services (EDI, web portals, and others). These features enable to reduce operational costs, improve profitability, improve customer service and enhance customer loyalty.

NOW Benefits



Effectiveness

- Improved control of profit margins / reduction of supply chain operational costs
- Improved management of growth and expansion to enhance revenues and market shares
- Improvement of customer service / improved on-time deliveries (up to 20%)
- Improvement of product quality (up to 20% less off–quality goods)
- A higher percentage of meeting customer order’s delivery times with the right product (improved by 30%)
- Improved cooperation between suppliers and customers across the supply chain, thanks to the Internet
- Reduction of obsolescence by 15–30% on an on-going basis
- Improved material traceability across the enterprise

Efficiency

- Resource optimization
- Warehouse optimization
- Increase of productivity up to 15%
- Faster response times
- Lowered waste and reduced reworks
- Lowered work-in-process (WIP) inventories / increase of inventory turns (from 15–30%)
- Better business decisions / better insights into the business
- Adoption of best practices for manufacturing (including lean manufacturing)

NOW Software Suite

DATATEX BUSINESS SOFTWARE SOLUTIONS SPECIALIZED FOR: TEXTILES, APPAREL, HOME FASHIONS TECHNICAL FABRICS, ACCESSORIES, NONWOVENS, ROLLED GOODS, FLOOR COVERINGS

NOW Architecture

Leveraging Company Expertise to Enhance Customer Service

NOW - Synergy Through Integration

Effective integration makes a difference. The real-time ability to confirm stock availability, pricing, and delivery dates while on the phone with a customer can turn an inquiry into an order. Clear visibility across all production stages allows keeping customers informed and satisfied.Optimizing stock levels ensures lower costs and quicker response times, no matter the stocking policy. Datatex software applications help achieve these and many other objectives. Quality is of major importance throughout the supply chain from sales to purchasing and from fiber to the end product. NOW manages full traceability of material and process for each produced entity.

The Global Enterprise

NOW supports a combination of companies, business units, divisions, manufacturing sites (international), physical and logical warehouses. The NOW structure allows for the definition and use of multi-languages, currencies, units of measurement, stock levels, quality levels, price lists, multiple production alternatives all with no limits.

- SALES AND ORDER MANAGEMENT

The optimal management of short and long-term sales and purchase orders is a key success factor for leading organizations. Customer satisfaction rates only trend up when all requests have been fulfilled on time. Customer on-time delivery is also dependent upon many activities behind the scenes such as open purchase orders, customer orders according to product availability, price lists with possible discounts inclusion, commissions and lines of expense. Sales and order management deals with: order acceptance, assignments, order processing, picking lists, packing lists, shipments, billings, and credits. Furthermore, the areas of customer care of concerns, returns and credit notes must be managed.

- PLANNING AND SCHEDULING

Planning and scheduling functions facilitate forecasting and analysis at a detailed level all the while balancing organizational goals, market trends and customer requirements. The main goal is to better balance production capacities with the market demand, translating and optimizing demands in production / purchase orders. To keep track of operations and to optimize costs and times, it is compulsory to take into consideration and coordinate different variables, like: material availability, work centers capacity, alternate materials and cycles, external suppliers.

- PRODUCTION

By “production process” we mean a set of technical operations that create a finished product, namely ready to be purchased. We use the term “cycle” because the production process shall be repeated every time in the same way to create finished products that are exactly alike in their shapes and their features. The production also manages from raw materials to the finished product, including the management of recipes, Work in Process (WIP) and Quality check. The module takes into consideration different production units, of Capacity Balance, of material requirements calculation, of production movements, dyeing, printing and finishing, scrap rates and loss checks, of quality management through the CAMS and CATS solutions.

- QUALITY

The module devoted to quality, assures that all checks are carried out when it is needed and in the shortest amount of time. These checks can be configured when materials arrive anywhere along the production process. The final goal is to define which are the tests to perform end to store their results. Quality Assurance helps you to optimize costs and to constantly improve your productivity, in order to stay competitive.

- WORKFLOW

A workflow is a complete or partial automatization of a business process, where all information and documents move from one user to another in order to perform tasks, following predetermined rules. Workflow functions provide great benefits to each kind of company. Thanks to that, an organization can be more efficient, save time, reduce material waste, eliminate all unnecessary work and make better use of human resources. All these benefits will have a huge impact on a company's economy.

- PLANT MAINTENANCE

A robust maintenance program provides improved efficiency, reliability and longer machine service life. Energetic savings are linked to a reduction of both consumptions and in accidents on the job and thus an improved safety of employees. Furthermore, downtimes have been removed. There are two types of maintenance: the preventive ordinary one and the extraordinary one. As far as the first is concerned, the system created automatically scheduling of maintenance activities that are then transformed into a maintenance order and assigned to the appointed maintenance team member. The second one is taken in charge by the scheduling manager, who converts the primary maintenance order and assigns it to the best team member for the job. When defining maintenance activities it is possible to link replacement parts to the type of maintainers that will be involved. Finally, it is possible to define the planned costs of replacement parts and maintainers.

- COSTS

The relative module allows to dynamically calculate both the standard and the actual cost.
Datatex supports both the calculation methods, starting from the easiest operations to the most complex ones, such as the ABC (Activity-Based Costing). Beyond offering various calculation services it deals with querying and simulation of costs. Moreover, the amount of simulations is limitless and the simulation can be performed both for customers and the company. The solution concerning costs, can also dynamically and in detail the production cost of each product, both for standard and actual cost.

- WAREHOUSES MANAGEMENT

One of the most common issues for a company is to set up a good warehouse. The final goal is to ship efficiently and accurately the stocking unit and provide detailed product availability snapshots. Datatex handles all inventory and stock levels, from raw materials to finished garments. There is also a system of warehouse management, based on its entity: physical, logical, warehouse groups, on consignment, on transit, on Bill & Hold, internal (customer and supplier), accounting. The module for warehouse handling allows the traceability and the valorization of each material / product across the entire production process. It allows the management of all meaningful technical data, of sizes for the tailoring sector and of different quality levels. Additionally, dimensions of inventory are accurately managed such as batches / pallet / rolls / boxes / spinners, etc…

- PURCHASE MANAGEMENT

This NOW module has been created to manage all activities linked to purchases: from the first request to bills. Indeed, purchase management deals with purchasing politics, until the purchase orders issuing and passive bills. NOW allows the handling of many types of purchase order including service and items, from raw materials to replacement parts.

- SCHEDULING AT MACHINE LEVEL

The main goal of scheduling at the machine level is to better handle your available resources, thus optimizing the outcome. It is fundamental to fulfill delivery deadlines required by the customer, and at the same time to maximize the usage of types of machinery, manpower and generic productive resources. To achieve this objective, it is compulsory to plan costs carefully, keep an eye on delivery dates and validate material/machine availability to reduce the setup times.

- MONITORING AND DATA COLLECTION - CAMS

It sends to the operator the job queues from the machine, the operative instructions, it records machinery's performances, the production progresses and material handling.

- FABRIC INSPECTION AND CUT OPTIMIZATION - CATS

This module provides inspection capabilities of grey fabrics and or finished fabric in real-time. It optimizes the cut of patches, to get the maximum number of top-quality pieces.

- CORPORATE PERFORMANCE MANAGEMENT & B.I.

The toolkit "programming-free" for the component building of Business Intelligence and Corporate Performance Management, has various tolls (dashboards, scorecards, and user-defined reports) that allow the management to make the best decisions.

- VENDOR PORTAL

This freely extendable module facilitates portal based updates where external stakeholders can access, requests for material offers and bids. The suppliers enter their offers after receiving certain requests. Who asked for offers, can compare them and choose the one he deems the best and cost-effective. The offer is converted in a purchase request, that in its turn is changed/transformed into a purchase order, transferred from NOW to the portal. From here the supplier approves and processes the order. Thanks to the vendor portal, the supplier can also send the detailed list of what he is going to ship (ASN – Advanced Shipped Note).

- CUSTOMER PORTAL

It is a web portal integrated to the management software, which allows us to upload, download and share in real-time documents that are useful both for the company and for the customers. This portal has been created to reduce times and resources devoted to Customer Service and to optimize information interchange among employees and different departments. DotWit created a multi-language platform, easy to use, integrable with every management software, that optimizes internal and external communication.

- CRM

It allows shifting the company's focus on the customer, because, besides having competitive services and products, it is fundamental to create a personal relationship. It is the backbone of every marketing activity because it can map every stage of the interaction with the customer: from the first approach to the moment where the prospect becomes a real customer. This business method has been created to manage in detail all the information related to each customer.

- MOBILE SALES APP

Mobile Sales App is the software dedicated to the collection of order and attempted sales through tablets and smartphones, allowing both customer and management, to save time. This application provides any kind of information, from the most important as multimedia catalogs, copy commission, information about customers, to the simplest with speed and simplicity. Another news is the chance to use it offline too, as you can collect your orders and consult the products in whatever place you are. As soon as you can connect to a network, you just need to synchronize your device with the management.

- BASE

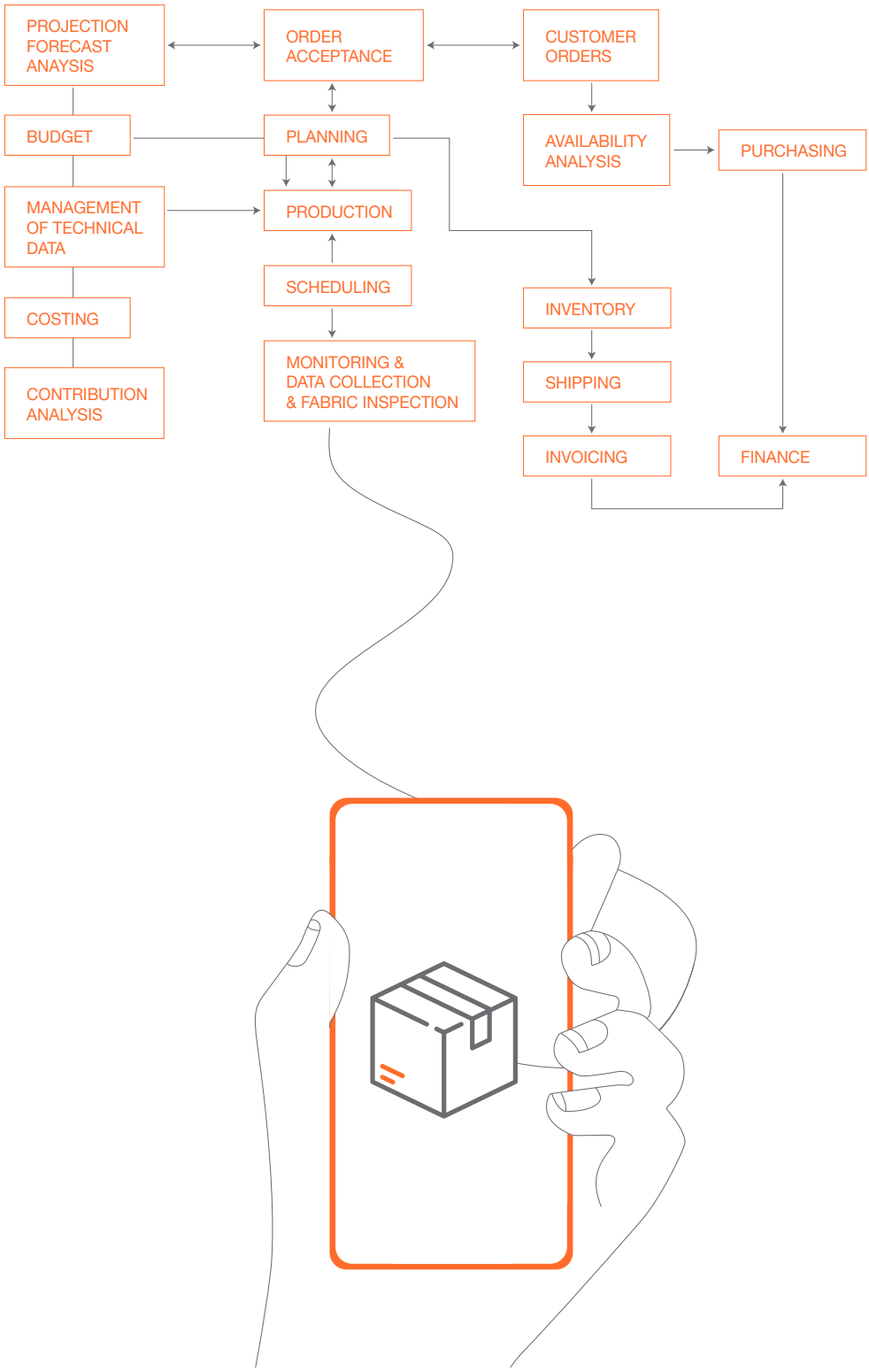
The management system includes in a structured way, all the master data (products, customers, suppliers, warehouse...), bill of materials, workflows and allow to access them easily and effectively. This management of information has many functions and allows to define in an accurate way structures and corporate politics through the creation of customized configuration chart.

Sales / CRM
Inventory
Production
Purchasing / Vendor Portal
Planning
Scheduling
Shop-Floor
Fabric Inspection

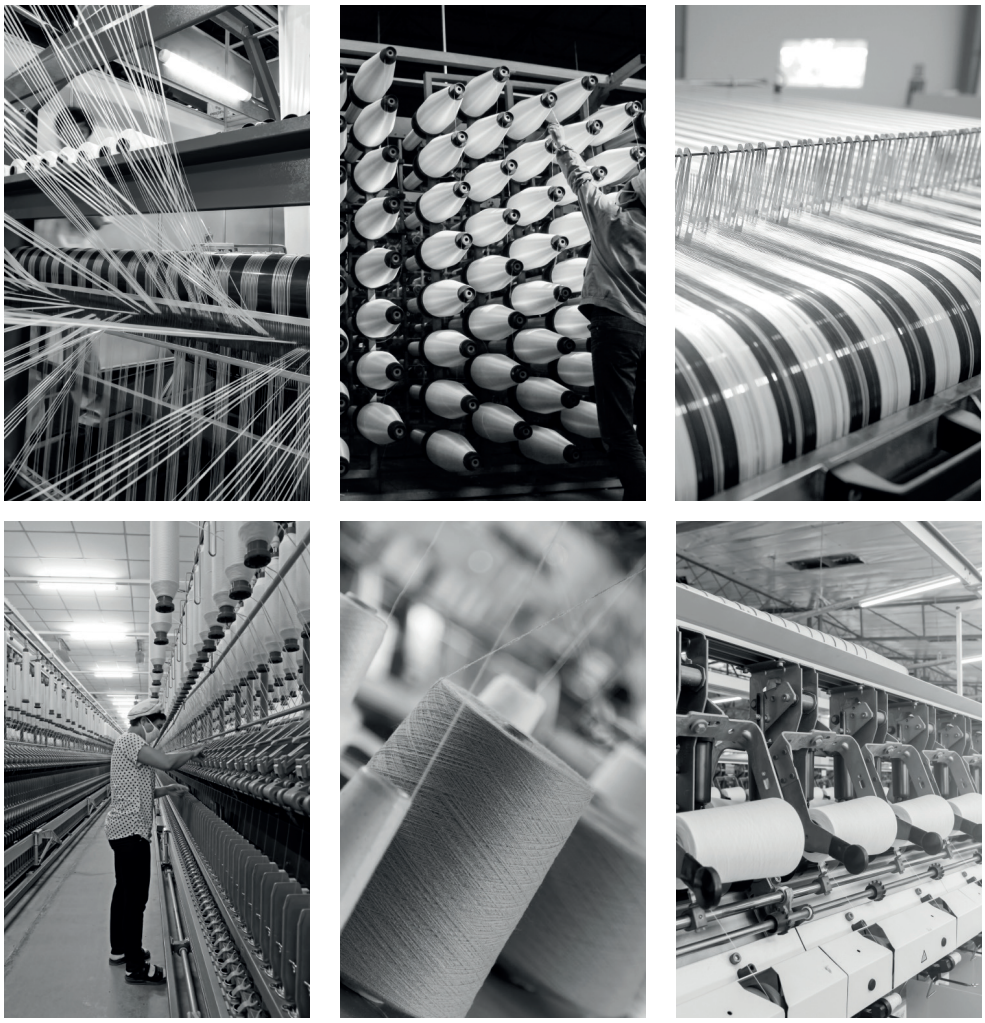
Business Intelligence
Fiber
Yarn
Fabric / Quality
Floor Covering
Garment
Home Textiles
Industrial Textiles
Automotive Textiles

BOM
Recipes
Print Design
Weaving / Warping Pattern
Dynamic Process Flow
Size / Color Matrix
Specification Sheets
Product Coding
Multiple UM's

The Application



One Solution
Many Applications of Vertical Integration



Because of its highly specialized yet modular structure, the NOW solution can be deployed in many different industry sectors. NOW is a single environment which, due to this high degree of flexibility and expandability, can be adapted and tailored to a vast range of industry requirements. Whatever the area, users work through a personalized interface to the common NOW database and classes.

Traditional Textiles

- Cotton, Silk, Wool, Synthetic Fibers Woven Fabrics
- Broadloom, Narrow Fabrics Industrial
- Knitted Fabrics (Flat or Circular)
- Socks / Hosiery Mills
- Dyeing & Finishing (Converters)
- Yarn Spinning / Texturizing
- Coated Fabrics
- Tire Cord & Fabric
- Rope / Cordage / Twine
- Lace / Netting
- Apparel 'Cut & Sew' Operations
- Home Fashions / Fashion Accessories

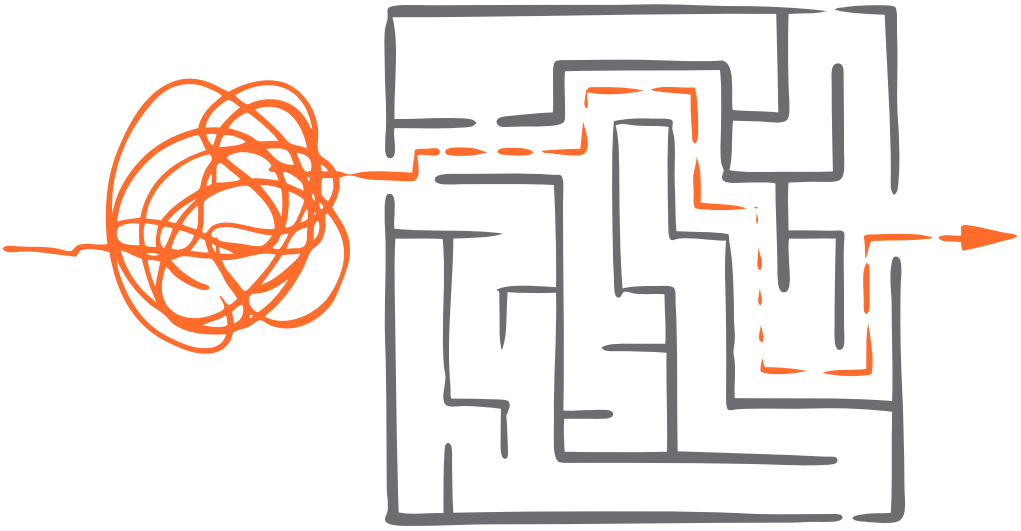
Non-Traditional / Speciality / Smart Textiles

- Fire Protection Gear and Fabrics
- Nonwovens: Healthcare / Life Sciences / Hygienic
- Transportation: Automotive / Space
- Construction & Environmental: Geotextiles
- Seamless Knitting / Whole Garment / Footwear
- Home Furnishings
- Digital Printing
- Floor Coverings
- Tufted / Woven Carpets, Rugs & Floor Tiles
- Wire Mesh / Screening
- Rolled Products / Thin Film / Membrane Products

Textiles Features

- Management of collections
- Different units of measurement for the same product
- Multiple quality levels without changing of products code
- Sizes / Color matrix
- Two-dimensional size (Inseam / Waist)
- Printing designs / variants
- Weaving patterns and colorways
- Multiple yarn count systems
- Dyeing / Printing / Finishing / Coating Recipes
- Recipe within recipe
- Different product in the same process lot
- Waste and re-processing calculation
- Lot, batch, container, A-frame, piece, roll
- Calculation of material requirements by production step
- Calculation of material requirements by package size
- Shrinkage / elongation for each production step
- Process flow philosophy
- Process flow per product order
- Management of exclusive
- Order type accommodate “color / finish later”
- Multiple delivery dates with different locations for each order line
- User-definable specification lists
- Open orders (partial codes), assortments
- Fabric inspection & cut optimization
- Net, gross and conditioned weights
- User-definable master file
- User-definable products type and key structures
- QA characteristics and user-definable test orders
- Configuration of sales prices
- Ordinary, extraordinary and preventive plant maintenance
- Configurable planning function for each level of the supply chain
- Management of samples and cutting lists
- Time and Action management for merchandisers
- External operations (fasson)
- Placing, cutting, sewing, finishing and washing in the packaging process
- Assignment of fabric rolls for the cutting phase in the packaging process
- Packaging management for the shipping process

SALES AND ORDER MANAGEMENT



The equation is the right quantity of the right product at the correct quality, to the right location at the right time for the right price, equal satisfied, loyal customers! Satisfying customers is becoming an ever-increasing challenge. The ability to first: accept an order with a calculated delivery confirmed date, the correct price after approving credit, and then smoothly and efficiently enter, track, allocate, ship and invoice a sales order is a must. The NOW solution follows the complete sales and order fulfillment processes step by step, avoiding or resolving problems at all stages while keeping order status information constantly updated.

Blanket Sales Agreement (BSA)

- Negotiate long-term agreements with customers, defining: selected (or exclusive)products, pricing / discounts, forecasts, agreement volumes, effective dates...
- Default or enforce negotiated terms on all “call off” orders / releases against the BSA
- Capability to support call-off orders with only partial product code (style, for example) entry in BSA and product code completion (color or size, for example) to be provided in later “accommodation”

Order Entry and Processing (Order Fulfillment)

- Order templates for order types: normal, assortments, samples, new products, exclusive items...
- Capture one-time sales beginning with quote or order entry
- Fast order entry (full screen-multiple lines)
- Matrix order entry (color-size or inseam-waist, for example)
- User-definable header and lines user interface (screen and contents)
- Multiple delivery lines (different delivery dates and / or different delivery points)
- Tailor order processing for specialized business workflow (order life cycle)
- Batch EDI and web portal order entry; import from external applications
- Customer’s SKU (Stock Keeping Unit) number to internal SKU number cross-reference
- Kits, assortments, packaging put up’s, sets

- Capable to support multiple / simultaneous UM's lengths, weight, and packaging (roll, case, pallet…)
- On-line production order status inquiry from the sales order line
- Notes, comments, multi-media, language descriptions…
- User-defined inquiries and reports; export to business analytical toolbox capsules
- Customer self-service facilities

Availability Check, Scheduling and Reservations

- Provide customers with accurate order promise dates using Available-to-Promise (ATP)
- Fulfill demand with alternative items if necessary
- Real-time product availability from the sales order line
- On-line allocations and reservations

Pricing, Discounts, Commissions and Charges

- Automatic order pricing, discounting and charging through the use of NOW definitions
- Dynamic and static price lists in different currencies, validity dates, and UM's
- Sales agents, commissions, selling groups…
- Price by quality, range, and compounding (for example, effective price plus transportation charges)

Release, Picking, Packing and Shipping

- Create user-defined picking criteria including release sequence rules which control inventory allocations
- Alter source, quantity or location at pick release
- Customer-specific restrictions (max number of pieces per roll, the allowable number of defects per roll, percentage over / under ordered quantities…) at allocation, release, picking and shipping stages
- Different packing methods with or without scanning UPC (Universal Product Code) or different barcode types
- User-defined templates for sales documents: picking, packing lists, bills of lading…
- Allow partial, over or leftover release and shipment

Customer Credit Management - Credit Check, Tax, Payment and Invoicing

- Automatically check customer's credit when capturing order and before fulfilling product through integration to any accounting / financials software package
- User-definable order fulfillment / order block policies (don't accept the order; accept but don't release into production, produce but do not ship…)
- Automatic default tax codes through the use of NOW definitions
- Different payments methods and invoicing addresses

Order Hold

- Apply hold to items, customer, sites, or warehouses, or combinations (consignment)
- Pack and hold, bill and hold…
- Distribution center management

Claims, Credits and Returns

- Handling "charge-backs"
- Claim issue, Return Goods Authorization (RGA) and credit note flow

- Enter the expected lot and element number (roll # or carton #) for returned goods
- Replacement shipping and management of re-stocking fees

Customer Relationship Management

- Business Partner (customers, suppliers, external sub-contractors, and internal providers)
- Order Partner
- Multiple contacts
- Multiple addresses (bill to; ship to; return from…)
- Sales campaigns
- “Selling SKU’s” (Stock Keeping Unit) vs. “Internal SKU’s”
- Business analytics / intelligence

Third-Party Manufacturing (Commission Work / SubContractors)

- Invoicing directly from job lists
- Inventory management of customer-owned materials
- Full price list capabilities based on processes
- Quantity price breaks and discounts
- Provisional and definitive invoices
- Printed reports and statistics

PLANNING AND SCHEDULING

Planning has become a critical success factor in the textile and apparel business. Shorter delivery times, on-time delivery, smaller lot sizes and on-line order acceptance, are only some of today's market expectations. These needs must be balanced with the desire to minimize stock financing and maximize profit margins. Datatex NOW guarantees order acceptance based on finite production capacity, available stock, work-in-progress and forecasts, satisfying both customers' needs and those of the company.

Planning Methods and Types

- Production for customer orders at all or partial levels (Make to Order – MTO)
- Make to stock based on the forecast (Make to Stock – MTS)
- Certain products make to stock and others to order
- Beginning to stock and completing / finishing to order
- Purchasing of all or part of raw materials based on forecast
- Job lots allocation to specific customers at order acceptance or before shipping

Forecasting

- Forecast calculation using the algorithm "Arima" (season based)
- Trend management
- Forecast by customer, agent, market, season/collection, period...
- Forecast per full or partial product code, product family
- Different levels of forecast (style and style- color)
- Projections
- Combination of forecasts, projections and customer orders

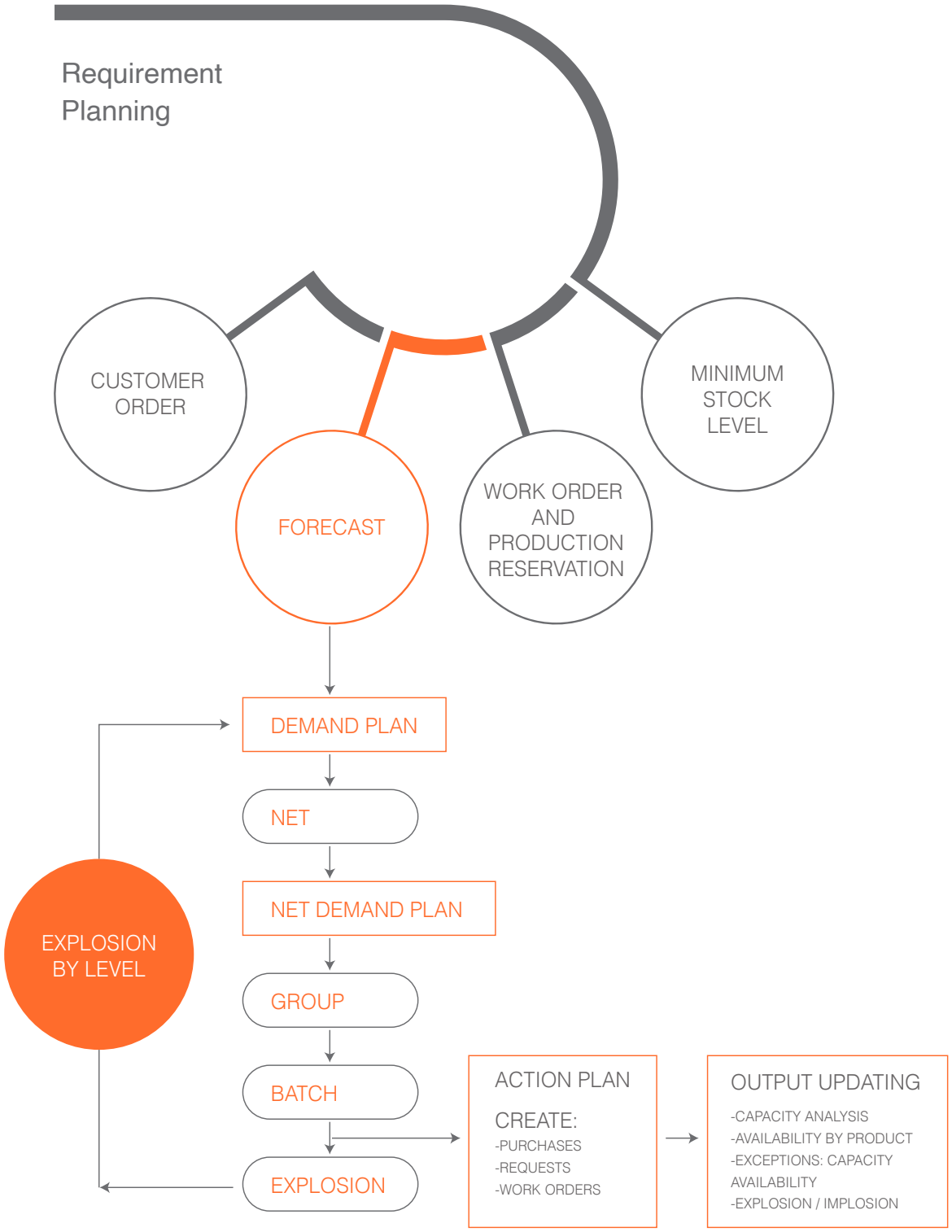
Available to Promise

- On-line or batch (implementing order priority rules) ATP capability
- Immediate updating of all related entities so that planning and (ATP) dates are maintained
- Scheduling of customer orders on specific resources

Master Planning - Textile Requirements Planning (TRP)

- Planning support for both single or multiple companies, site, facilities, divisions
- A multi-level explosion of material and capacity (from finished product to raw material)
- Capability to create a rule-based demand plan based on a combination of firm customer orders, sales forecasts, projections, previously reserved work center capacity, and minimum inventory levels- based on fully or partially defined product structure
- Rules-based configuration to include: netting, full / partial BOM, material rules (same / different lots, alternatives allowed, grouping...), purchased or produced, grouping / splitting, optimal lot sizes, different UM's, multiple yarn count systems...
- All time-phased activities (lead-times, setup / changeover times, queue times...) considered
- Analysis of the impact of the demand plan against factors such as sales revenues, profits, and inventory
- Recommended replenishment orders (both externally purchased and internally produced), based on the explosion of the demand plan (purchasing and production plans)
- Immediate identification of material shortages and "at-risk" customer orders (which allows planners to be proactive in expediting of production or providing customers with alternative ship dates)
- Work center scheduling around 'bottleneck' processes

TEXTILE


Requirement Planning
CUSTOMER ORDER
FORECAST
WORK ORDER AND PRODUCTION RESERVATION
MINIMUM STOCK LEVEL
DEMAND PLAN
NET
NET DEMAND PLAN
GROUP
BATCH
EXPLOSION
EXPLOSION BY LEVEL
ACTION PLAN
CREATE:
-PURCHASES
-REQUESTS
-WORK ORDERS
OUTPUT UPDATING
-CAPACITY ANALYSIS
-AVAILABILITY BY PRODUCT
-EXCEPTIONS: CAPACITY AVAILABILITY
-EXPLOSION / IMPLOSION

- Constant monitoring of revisions to the schedule with appropriate notifications
- User-defined bucketing formats provided in days, weeks and months

Work Centers Level Scheduling (Capacity Balance)

- Automatic scheduling and balancing of demands
- Configurable to consider either infinite or finite capacity using a graphical tool to visualize or modify the calculated results
- A visible distinction with reserved capacity by type of order (forecast, projection, confirmed, not confirmed)
- Bottleneck detection in case of infinite capacity scheduling

Machine Scheduling

- Scheduling system provides an on-line graphical review and update
- Scheduling of all types of departments and operations
- Algorithms to maximize on-time delivery, minimize setup / changeover times while minimizing Work In Process (WIP) inventory
- An immediate highlight of production steps that will be delayed
- Optimize resource selection
- Support for “what if” simulation scenarios
- Finite scheduling calculations consider also additional resource requirements such as labor or tooling as well as material / component availability
- Possibility for time-based machine split into sub-resources (yarn production frames)
- Management of compatibility rules of products to machines, product to product for sequencing (one after the other), or for grouping (produced together at the same time) and for capacity reservation and product (reserve capacity for a certain customer or production type such as sampling)

PRODUCTION ORDER MANAGEMENT

The textile sector is an industry with unique needs in the production area. Some companies have multiple levels of vertical integration and a variety of manufacturing processes. NOW was created with this simple-to-complex diversity in mind. It caters to the manufacturing needs of each business providing a personalized and comprehensive solution capable of understanding and effectively managing each company's particular production facility. Datatex production manages the launching, scheduling, and tracking of manufacturing orders across all aspects of the transformation process

Routing and BOM (Bill of Material)

- Multiple types of BOM's and routings are supported (per customer; with alternative materials and / or steps)
- BOM and routing for a specific production order / customer order
- Dynamic explosion of dye / print / finishing formulas based on production quantities

Production Entities

- Demand = customer orders, sales forecasts, sales projections, previously reserved work center capacity, and minimum inventory levels
- Bulk order = group or split of demands derived directly from customer orders or calculated automatically by MRP, containing one or more products
- Production demand = smallest entity to be tracked through production
- Production order = group of demands to be processed in one or more production steps
- Pre-created element = pallets, cartons, rolls pre-defined to be entered from production demands or production orders

Capacity Balance

- Configurable to consider either infinite or finite capacity using a graphical tool to visualize or modify the calculated results
- Capacity analysis of demand plan based on a combination of firm customer orders, sales forecasts, previously reserved work center capacity, and minimum inventory levels
- Bottleneck detection
- Dynamic calculation of required work center capacity per routing step, considering defined efficiencies, wastes, and standard batch sizes

Material Calculation

- Dynamic calculation of required materials per routing step, based on expected wastes (fixed and variable), for all upstream and downstream processes

Production Transactions

- Accurate tracks of all issues and receipts across all phases of production
- Support of inter-company transfers, to and from outside subcontractors, with associated lead–times
- User-definable rules to allow / prohibit shipment of partial / over / remaining production order quantities
- Automatic back-flash management by production progress or end product stock entries. Quantity can be recalculated based on production quantity or as reserved

Dye-House Management

- The integrated module that guides the efficient scheduling of all dyeing, printing and finishing activities
- The calculation of operations timing for batches of continuous dyeing / printing / coating
- Support of dye / print / finishing formulas and recipes, allowing for dynamic adjustment
- Management of “recipe of recipe”
- Different items using the same recipe can be included in one dye lot
- The accurate description of component usage by the percentage of weight or by quantities per volume
- Ability to calculate based on bath volumes, liquor ratios, pickup percentages, residual volumes, and standard losses
- Accurate tracks of actual dyeing and printing components consumptions
- Quality improvement with reports of variances for dye-house performance analysis and costing recalculations
- Direct connection to scales to manage and control weights

Shop-Floor Data Collection (CAMS) and Fabric Inspection & Optimization (CATS)

CAMS: (Computer-Aided Manufacturing System)

- Records machine settings and monitors production ‘events’ in real-time
- Meets regulatory reporting needs for many industries
- Controls job progression status and job queues
- Details productivity analysis and variance alerts

CATS: (Computer Assisted Textile Supervisor)

- Reporting and mapping of defects in fabric inspection activities
- User-defined quality definitions / rules per customer and / or style
- Cut optimization rules to maximize first quality rolls
- Capability to tie inventory and production to fabric inspection activities

Production Progress, Tracking and Work in Process (WIP) Visibility

- Complete visibility across all areas of production, from issuing raw materials to put away the finished product
- Support of both forward and backward scheduling, or a combination of both (priority to the ‘bottleneck’)
- Calculation of expected completion times based on order quantities, setup / changeover times, machine efficiency, average run lengths, waste, elongation / contraction, and reprocessing
- Negative availability analysis for each production step defined period (day, week...)
- Work center load analysis
- Compatible with many popular monitoring and control systems (spinning, loom, knit, dye-house...)
- Fixed or rate-based outputs
- Operations: in parallel or series
- Optional / mandatory shop-floor data collection
- User-defined technical data definable for each production step (standard operating procedures...)
- Multiple UM’s with automatic conversions
- Net, gross, or conditioned weights
- Partial step quantities can be progressed, allowing overlapping of operations

- Production steps can be stopped, taken off the machine, inventoried, and re-issued into production at a later time
- Allocation of completed job steps to the next production step or to customer orders
- Supports internal, external, multi-items, multi-batches production
- Creation and handling of all required documentation: pick lists, piece tags, processing instructions, etc...
- Exports to Excel for easy reporting capabilities

Quality Management

- The same product can be defined with multiple quality levels
- Inventory views are seen by these different quality levels
- Support of rework to improve quality levels
- Configurable rules allow a 'second' quality measurement for one customer to be classified as 'first quality' for another customer

Waste Control

- Support of dynamic calculation of material issues based on expected wastes
- Accurate handling of fixed or variable wastes per production order
- Waste products to be reprocessed
- Support of elongation / contraction and actual vs. expected wastes per production step

External Operations

- Visibility into outside subcontractors with routing steps and warehouse transactions to and from
- Accurate calculation of surcharges and discounts, based on price-lists
- Tracks of production by batch, piece, location...

Commission Work / Subcontracting

- Management of price lists and invoicing directly from job lots
- Special inventory management rules for customer-owned materials
- Full price list capabilities based on processes, surcharges, and discounts
- Quantity price breaks and discounts
- Provisional and definitive invoices generated from production orders
- Printed reports and statistics

Main Benefits

- Precise and thorough control of all production processes to maximize volume and profits for each item by the department and by the whole enterprise
- Production tracking and exception reporting
- Reduction of production lead times
- Quality improvement by better managing material usage and parameter settings for production
- Reduction of wastes with accurate process standards and monitoring activities
- Accurate management of external processes, including in-transit shipping, subcontracted processes, and price lists for commissioned activities:
  - Tracking the inventory

- Tracking the external processing
- Job costing
- Invoicing
- Proactive communication between production and customer service so that potential delays and problems can be identified and corrected

QUALITY

To guarantee the quality of products, product appropriate quality checks must be carried out at the right point in the process. From receipt of raw materials to shipping, and including warehouse transactions, WIP and production steps. As such, our NOW Quality Assurance module ensures that quality checks are performed at the right time and as quickly as possible, upon receipt of materials and during the production process. The objective of this module is to define which tests to perform, identify on which entities they have to be performed (batch, piece, production order, etc.), to store the values obtained and based on that determine the overall result of the test (passed or failed).

Integration and automation:

- It is fully integrated with all relevant NOW functions (purchases, production, sales)
- It can automatically generate requests based on rules defined in accordance with good receiving processes from a supplier, production or sales
- It sends notifications in the event of failure
- Generates certificates based on the test performed
- Provides quality information that is useful to other ERP processes such as allocation or shipping
- A detailed production history helps companies to identify the cause of faults and also to identify faulty products, which can easily be traced
- It allows to keep track of all requests from the point of view of the control and sales department. Quality can therefore be improved during the design stage and the production process, to better satisfy customer needs

Test definition

- Defines which tests are needed to monitor product quality
- Defines on which entities the tests must be performed (batch, piece, production order, etc.)
- Defines what specific standards these tests must adhere to (both ISO and internal)
- Define dynamic limits and reference values, based on the item and customer in relation to which the test is performed
- Automatically calculates the test results
- Defines rules for automatic QA request generation upon execution of related activities in the ERP system (Received from supplier, received from production, etc.)
- Import quality data from external systems
- Enable a fast and immediate response to quality deviations at all stages
- It shows whether the test is based on a sample, with any instructions on how to manage it
- It allows to add repetitions
- It allows to cancel planned tests
- It manages un-planned tests resulting from exceptions that may occur during the quality check phase

Quality certificate

- Generation of a quality certificate by viewing the previously defined quality documents and selecting only the tests relevant for the certificate
- Different versions of the same certificate can also be managed, including different tests based on the intended purpose of the certificate

PLANT MAINTENANCE

The purpose of this module is to be able to record activities and deadlines related to machine maintenance. It facilitates the most efficient scheduling of available resources, while keeping track of what needs to be done and when. Prompt recording of activities and related costs makes it possible to assess the efficiency and responsiveness of interventions, and can offer an overview of the actual versus planned situation, enabling users to assess whether the planned are adequate for current needs.

Being able to store planned and actual data (costs and durations) is very useful for the purposes of monitoring the situation, and allows appropriate measures to be taken to achieve better results in terms of productivity and cost reduction, assuring both an energy efficiency, and a higher durability of the equipment. NOW Plant-Maintenance module enables to schedule and manage break-down, preventive and inspection maintenance activities.

Integration

- Full integration with the ERP system to have a complete picture of the spare parts availability and purchase request
- Link on all involved ERP entities with the related maintenance request

Break-down Maintenance

- Maintenance requests are entered by the user in the event of a machine break-down
- Requests are taken over by the scheduling manager, converted into maintenance orders and then assigned to the technicians.
- Information on timings, faults and causes, complaint, Type of job i.e. normal or partial and opportunity maintenance), corrective actions taken, delay reasons, attended by, spares consumed and other relevant information

Preventive Maintenance

- User-defined maintenance jobs, such as cleaning, piping, welding, greasing, painting and housekeeping
- Maintenance activities are entered within the specified deadlines
- The system automatically creates a schedule of maintenance activities, and these are then transformed into maintenance orders and assigned to the technicians

Inspection Maintenance

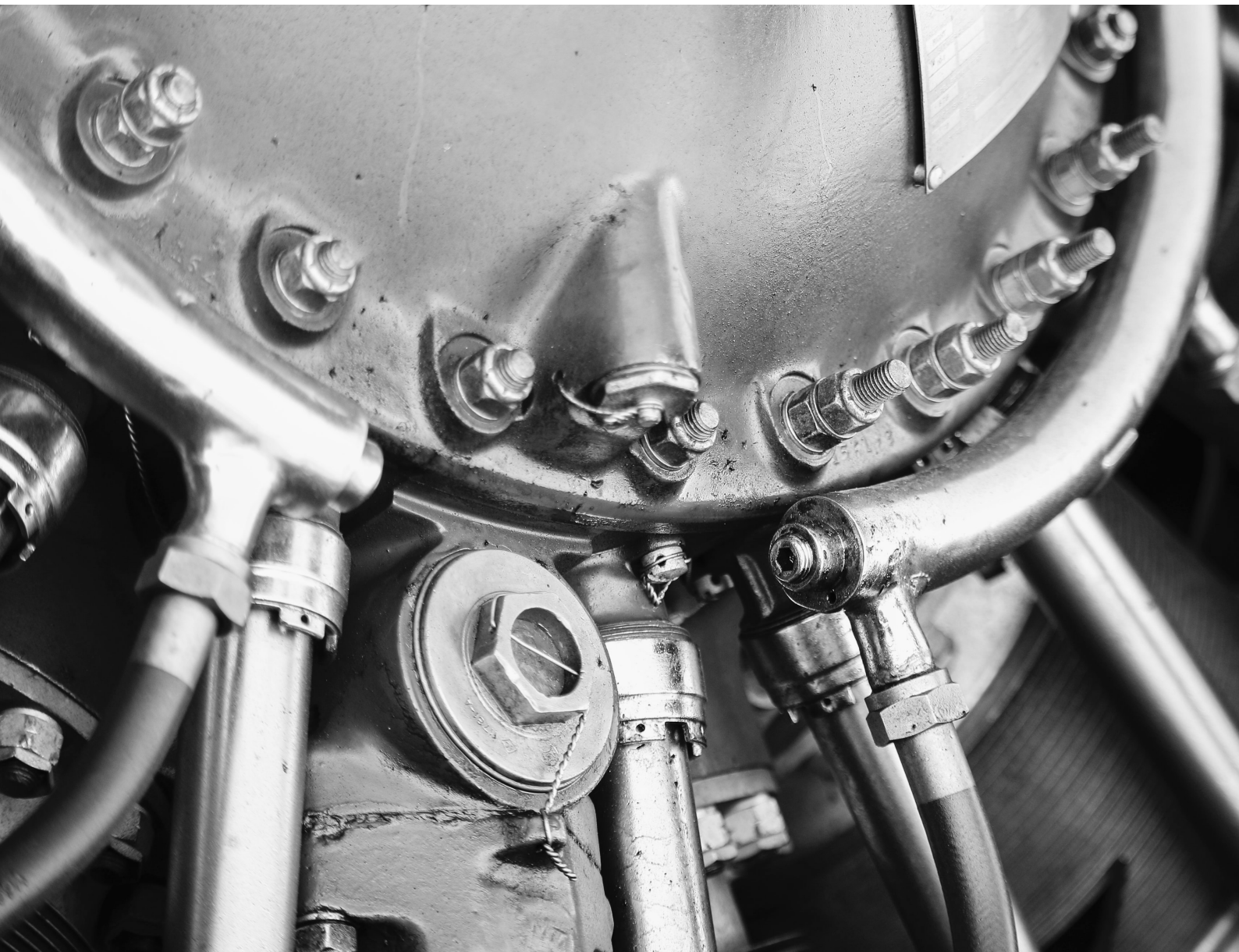
- Inspection of any machine/instrument
- Various schedules can be defined for machine inspections, instrument calibration, condition monitoring, statutory compliance operations etc.
- Work can be assigned to a specific person and can be tracked against the schedule
- Readings can be recorded and compared to the standards

Activity definition:

- Scheduling type and frequency of the intervention
- Spare parts, type and number of labors involved with costs
- Possibility to track costs and times to evaluate the efficiency of the interventions and machines
- Use a structure that gives the opportunity to define a clear hierarchy between one machine and its parts and where each part is specifically identified
- Mobile specific function to manage maintenance intervention and data recording to increase the productivity and usability of the standard functions on devices with smaller screens
- Analysis and print out to access the workload of resources and compare planned and actual information

Dashboard

- Assign activities and change the priority
- Check the activities assigned to a specific labor and input the relevant information for the maintenance
- Input real maintenance costs
- Issue maintenance components
- Request a purchase for a missing component



INVENTORY

There is the old manufacturing line, “The customer just called and wants you to find their needle in your haystack.” “Where is Roll # 56839047 in our warehouse?” “In what batch was this yarn produced?” Do these two rolls come from the same production lot?” “Which piece did the customer return?” These conversations take place every day in the world of textiles. Having an accurate and detailed view of inventory across all levels and facilities is a critical component for your business. Knowing the location, status, value, and lead-times of inventory cannot be underestimated in terms of making the best business decisions. Datatex inventory accurately handles all levels of inventory and warehousing, from raw materials to finished goods, as well as all levels in between.

Warehouse Management System

- Physical Warehouse
- Logical Warehouse
- Warehouse Group
- Consignment Warehouse
- Transit Warehouse
- Bill & Hold Warehouse
- Internal, Customer, Supplier Warehouse
- Accounting Warehouse

Warehouse Management System (Physical Warehouse)

- Warehouse / zone / bin location level
- Weight, volume, length, height, width plus 5 user-definable measurements / constrains (for example roll type, box type)
- Bin nature (picking, transfer, dock, quality control and other)
- Bin priority and status (active / blocked)
- Different products, lots, containers, partial entries / issues allowed per location
- Improved warehouse organization for better response times and increased customer service levels
- Optimized warehouse efficiencies with engineered location control for quicker response times.

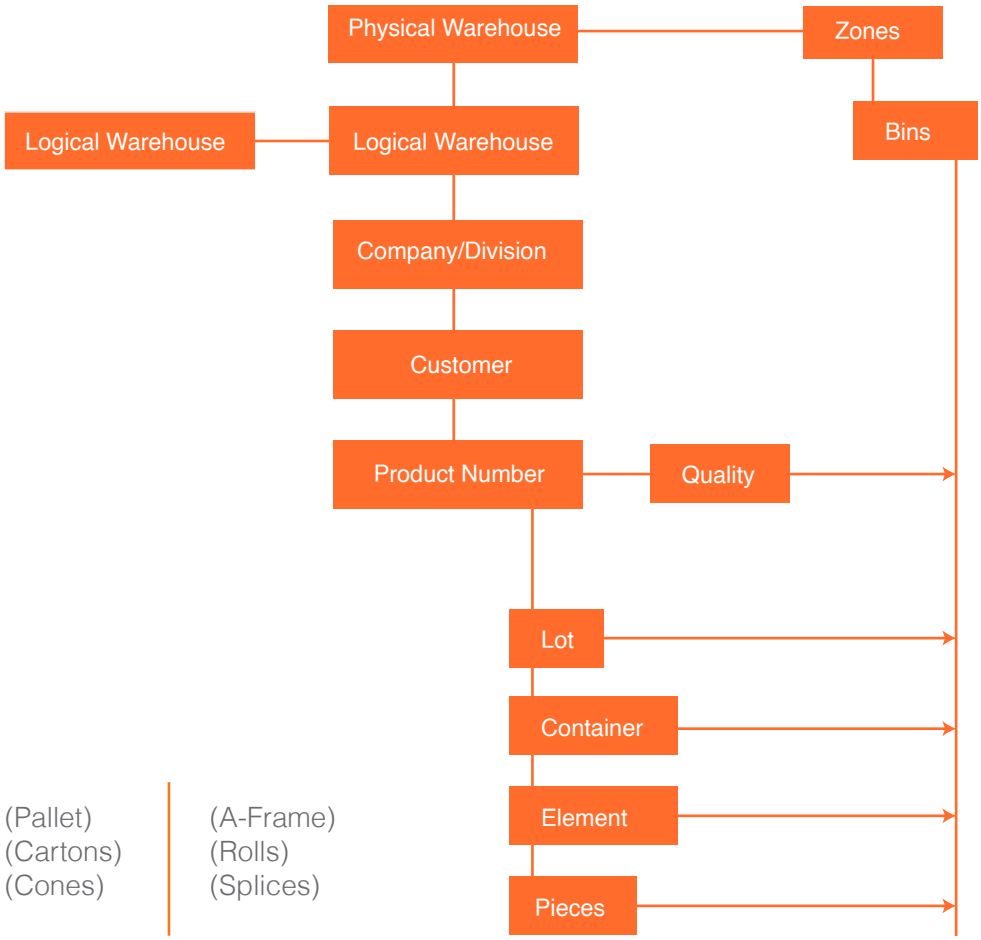
Warehouse Management System (Logical Warehouse)

- Possibility to stock any type of products like fiber, yarn, raw materials in general (chemical, dyestuffs, spare parts) greige products and finished products such as finished fabric or apparel
- Management by quantity, lot, container type, container #, element, # of elements (roll, carton, # of cones per carton) level
- Multiple types of UM’s: Kg / lb, meter / yards, each / unit, lots, bales, pieces, packages, cones, cases, pallets, rolls, colors, sizes, put-up’s
- Visibility by quality level for the same item number / SKU (Stock Keeping Unit)
- Simultaneous balance by 3 UM’s (length, weight, and packaging)
- Allocation to other warehouses, customers, or production orders
- Balance for a product in the same logical warehouse can be stored, by the company and / or customer

Warehouse Availability

- User-definable stock type (availability status like for example stock on hand, reserved for a customer order, allocated…)
- Multiple user-defined availability formulas
- Negative stock concept
- Multi-company / warehouse analysis
- Drill down facilities from company to element / location detail
- “Wild card” searches by article codes
- Searches by element, container, location or movement status
- Inquiry per period evidencing negative availability
- Possibility to reserve the goods for customer / project
- Inquiry by a matrix (color-size) for the apparel section

NOW Warehouse Structure



Stock Take

- By warehouse / location or product
- Simultaneous stock take by an item on different or same logical warehouse
- System authorization management
- Label scanning and barcode capturing

Accounting / Valuation

- Inventory valuation reports by standard cost, last cost, average estimated cost or an average period cost
- Cost at product, lot, element and quality detail
- LIFO inventory evaluation

Warehouse Transaction

- Internal order and internal document (bill of lading) management for warehouse transfer
- Warehouse and / or a bin location transfer
- User-defined warehouse transaction codes
- Single entry, issue, transfer by quantity, lot, container, element
- Multiple entries, issue, transfer by quantity, lot, container, element
- The product name, lot #, roll #, and container # change
- Ability to split or join elements with full traceability
- Quality level downsize
- Printed labels (bar-coded), documents and reports

Material Replenishment

- Automatic calculation of order points to insure minimum / maximum safety stock levels.
- Interoperability with other modules (production and planning) for create purchasing policies, if necessary

PURCHASING

Datatex NOW manages all purchasing activities: requisition / approvals, purchase orders, receiving of goods, three-way match, vendor analysis. Material replenishment, policies that govern economic order quantities, lead-times, minimum / maximum stock levels can be defined and customized. Purchasing of any service, product, asset, raw material, and maintenance is managed within the same application.

Blanket Purchase Agreement (BPA)

- Negotiation of long-term agreements with suppliers, defining: selected (or exclusive) products, pricing / discounts, forecasts, the agreed volumes, and effective dates
- Default or enforce negotiated terms on all “call off” orders against the BPA
- Capability to support BPA with only partial product code (style, for example) entry and product code completion (color or size, for example) to be provided in call-offs
- Collections and / or assortments

Order Entry and Processing (Order Fulfillment)

- Capability to purchase every type of material, services and coded and not coded items included
- Order templates for different user-defined order types
- Capture one-time purchases beginning with quote or order entry
- Fast order entry (full screen-multiple lines)
- Matrix order entry (color-size or inseam-waist, for example)
- User-definable header and lines user interface (screen and contents)
- Multiple delivery lines (different delivery dates and / or different delivery points)
- Order processing tailoring for specialized business workflow (order life cycle)
- Batch EDI and web portal order entry; import from external applications, (Advanced Shipping Notes - ASN)
- Supplier’s SKU (Stock Keeping Unit) number to internal SKU and cross-reference
- Capable to support multiple / simultaneous UM’s length, weight and packaging (roll, case, pallet...)

- Notes, comments, multi-media, language description
- User-defined inquiries and reports; export to business analytical toolbox capsules, or Excel worksheets

Pricing, Discounts, Lead times, and Charges

- Automatic order pricing, discounting and charging through the use of NOW definitions
- Price lists per supplier in different currencies, effective dates, and UM's
- Price by quality
- Price by quantity ranges
- Minimum order quantity and delivery lead-time per product / supplier

Tax, Payment, and Invoicing

- Integration to Accounts Payable (A/P) for processing and payment
- Three-way match capability
- Automatic default tax and VAT codes through the use of NOW definitions

Receiving from Suppliers and Returns to Supplier

- User-definable receiving function at element level (a lot, roll, carton)
- Partial or over receiving
- Quality assurance control with the possibility to accept or reject the goods
- Quarantine items until inspected
- Return of the goods from order or stock at the lot and / or element level (a lot, roll, carton), managing reason and return documents

Supplier Relationship Management

- Business Partner (customers, suppliers, external sub-contractors and internal providers)
- Order partner
- Multiple contacts
- Multiple addresses (return to)
- Business analytics / intelligence

External Operations

- Subcontract of external operations (for example dyeing or printing) without managing the production details
- Possibility to link the BOM (Bill of Material) to the purchase order
- Components (raw material) transfer from internal to subcontract warehouse
- Accurate calculation of surcharges and discounts, based on price-lists
- Management of external inventories of components or finished goods

Repurchase

- Rules-based, with defined authority levels (request, approve, buy)
- Automatic purchase requests are created by the planning module, with a simple approval process to convert into purchase orders
- The automatic transformation from the request to the purchase order

Report and Analysis

- User-defined inquiries and reports; export to business analytical toolbox capsules
- User-defined vendor selection criteria: by price, delivery, lead-time, quality and past performance
- Complete status tracking capability

COSTING

Textile pricing is tough these days: too low and profit margins are lost; too high and orders / customers are lost. A typical textile company is hardly ever in a strong position to dictate sales pricing, so margins are to be found by decreasing production costs. That means learning all the areas where you can improve (by acting on fixed and variable costs; direct and indirect costs...), and how best to manage resources and efficiencies to achieve the highest margins possible. Even if prices may be fixed, costs often vary. Though historical experience might have worked in the past, companies need the capability to calculate costs with an ever-changing set of variables. Accurate product costing is a must for survival and success. Datatex can help with that. Datatex support for costing is one of the core strengths of the solution. Datatex offers the capability to dynamically calculate standard and actual costs for an unlimited array of production alternatives. Datatex supports all costing methodologies include simple or complex ABC, (Activity Based Costing) that customers have been able to define. The goal is to accurately highlight contribution margins for all products, services, and production mixes. Furthermore, the solution will track actual costs, allowing a comparison of the actual one with the standard.

Standard Cost

Cost Element / Product Components

- Cost elements are user-defined through tables based on parameter settings. They can be set for a cost (e.g. interest) or consumption (e.g. labor)
- Each cost element and product can use infinite different, user-defined values simultaneously
- Cost elements and components can be applied to various levels, such as routing steps, work centers, and external operations. Moreover, cost elements and components can be linked to complete or partial product codes managed as ordinary secondary keys (for example, product costs detailed by color, or by color groups which are often defined on a product code's secondary key)
- Cost elements can be dynamically divided as direct or indirect costs without a rigid distinction and grouped by type

Cost Calculation

- Costs are calculated based on common cost / production structures
- Standard costs can be calculated by product, by BOM, and by product routing
- Calculate the contribution margin of a unit of measurement and / or machine hour by product (average alternative routing) or by single routing
- Make production plans for a period to determine contribution margins
- Calculate product costs using the complete or partial product key
- Explode cost calculation to lower levels of the bill of material
- All calculations are date sensitive considering validity dates of components
- Costs and components may have multiple user-definable versions and simulation groups
- Costs can be differentiated for the same product by manufacturing site

Cost Inquiry

- Query standard costs using unlimited cost category (for example frozen standard, actual standard, future)
- Query costs by cost center, work center, and cost element type
- Query costs of materials, internal production, external production, interest and below standard quality
- Query direct and indirect costs dynamically defining the distinction each time
- Costs by the user-defined unit of measurement and currency

Cost Simulation

- Unlimited simulation groups
- Simulate optimum production mixes that maximize company profits

Sales Cost

- Different cost per:
  - customer
  - delivery point
  - shipping and delivery mode
  - country code
  - order and order line type
  - carrier
  - payment terms
  - zone / market
  - agent

Actual Cost

- Roll-up comparisons between standard and actual costs by level or group or combination
- Evaluate entry movements coming from internal operations
- Interface with the general ledger
- The ability to close orders and rationalize earnings based on goods produced from a product

THE DATABASE

Optimizing and making quick, effective and correct decisions are the main goals of every modern company. Well documented, complete, and accurate data will lead to correct and coherent decision-making and will provide important interdepartmental visibility and integration. The foundation of each company's information system is the database. External customizations can overcome the lack of a function within a company, but the lack of information inside your database cannot be easily remedied. The solution is to have a versatile and well-articulated database. The NOW database is fully capable of supporting the inherent complexities of the textile businesses. The core of the Datatex solution, the Base module, contains the tables, templates, and parameters that are set to configure and personalize the solution. By tailoring the solution to each business need, companies do not have to change the way business is conducted to efficiently run NOW.

The NOW Database Offers:

General Organization Entities

- Multi-companies / site / facilities / divisions
- Calendars
- Business Partners
- Currencies, countries and languages

Templates, Policies, Groups, Types, and Counters

- Personalization-role and user-specific menus with no coding required
- Customization without programming
- Technical data (user-definable database field)
- Multimedia and notes management

Items

- Different item natures such as product, container, tool, no-inventory product, service, charge, recipe, weaving pattern, print design, cost elements
- Unlimited item types (product families like: yarn, greige fabric, finished fabric, trims, garment)
- Definition of up to ten attributes / keys for every item type, with SKU's (Stock Keeping Unit) up to 110 characters in length
- Use of secondary attributes (color for example) allows for the handling of items without pre-defined item masters
- Product structures: sizes, size groups, ranges
- Support of matrix order entry (for example: size / color or waist / inseam)
- Unlimited Units of Measure (UM's)
- Support for multi-language / descriptions
- Unlimited quality levels without changing the product name
- Unlimited commercial codes for the same produced product (Aliases)

Warehouses

- Physical, logical, accounting, in-transit, temporary…
- Definition of zones locations and specific bins

Costing and Production Database

- Automatic dynamic construction of BOM (Bill of Material) and routing steps through pre-defined rules (for example component color = parent color for the BOM and work center / time operation selection depending on the shade of the product during a dyeing routing)
- Definition of operational technical data (work centers, resources, processes, recipes, print designs, weaving patterns...)
- Definition and management of product costs, raw material requirements, labor, overhead consumption, and production capacity needs
- Loading of each work center step, including processing times, setup / changeover times, resource yields, expected waste, elongation / contraction percentages, standard batch sizes, and operations
- Operation types supported: batch, continuous, printing, and external
- Management of engineering changes
- Alternative BOM, routing, work center
- Validity dates for each of the above elements.
- Security
- Driven by user-profiles allowing intranet, extranet, and Internet access to defined products, plants, warehouses for the update or inquiry only
- Customer portal friendly architecture
- Field level security-view and edit, view only, hidden…

Other Features

- Full integration across all modules and functions
- Instant and accessible visibility to all users and departments
- Definition of system structures and how data is handled by the solution

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Production Purchasing Planning Scheduling Shop-Floor Fabric Inspection Business Intelligence Fiber Yarn Fabric Nonwovens Floor Covering Garment Home Textiles Industrial Textiles Automotive Textiles B0M Recipes Print Design Weaving/Warping Pattern Dynamic Process flow Size/Color Matrix Specification sheets Product Coding Multiple UM's Sales Inventory Production Purchasing Planning Scheduling Shop-Floor Fabric Inspection Business Intelligence Fiber Yarn Fabric Nonwovens Floor Covering Garment Home Textiles Industrial Textiles Automotive Textiles B0M Recipes Print Design Weaving/Warping **we make IT work for you**