

**SMDS Purchase:**

- Making purchase process effective by automatically reordering of items to stock
- Automation of creation of purchase orders and direct deliveries to departments
- Simple working processes secures that rules and authorization hierarchy are kept
- Thorough survey of consumption and preferences ensures an optimal basis for selection of items, item and vendor analysis, budgeting and contract negotiation
- Optimising the customer service and the liquidity by having the right items in stock at the right time
- Wide range of disposing- and consumptions reports

**SMDS Tender:**

- Automation of items in tender
- Renegotiation of contract
- Integration of tender documents with Word and Excel
- Email of tender to vendors
- Import of offers from vendors
- Automatic selection of the best offer
- Implementing and controlling of contract for one or more vendors for the same item
- Information on stock items
- Wide range of offer reports

**SMDS Inventory:**

- Detailed information on stock items
- Fast and relevant access to information
- Supports deliveries and purchases
- Minimizing of stock level with an integrated solution
- Optimal control of stocks per supply department
- Wide range of reports

**SMDS Supply:**

- Standardization of working methods after FIFO principal
- Release of resources for patient care
- Reduction of handling costs by active item supply
- Standardization of item assortment and reduction of the number of item numbers
- Reduction in stock in the department
- Reduction in stock space in departments
- Reduction in financial bindings in consumption- and central supplies
- Less waste as a result of rotation in the consumption stocks
- Tracking ability from ordering- to delivery time
- Improved service degree and customer service
- Reduction in delivery errors and document handling
- Wide range of consumptions reports

**SMDS Patient:**

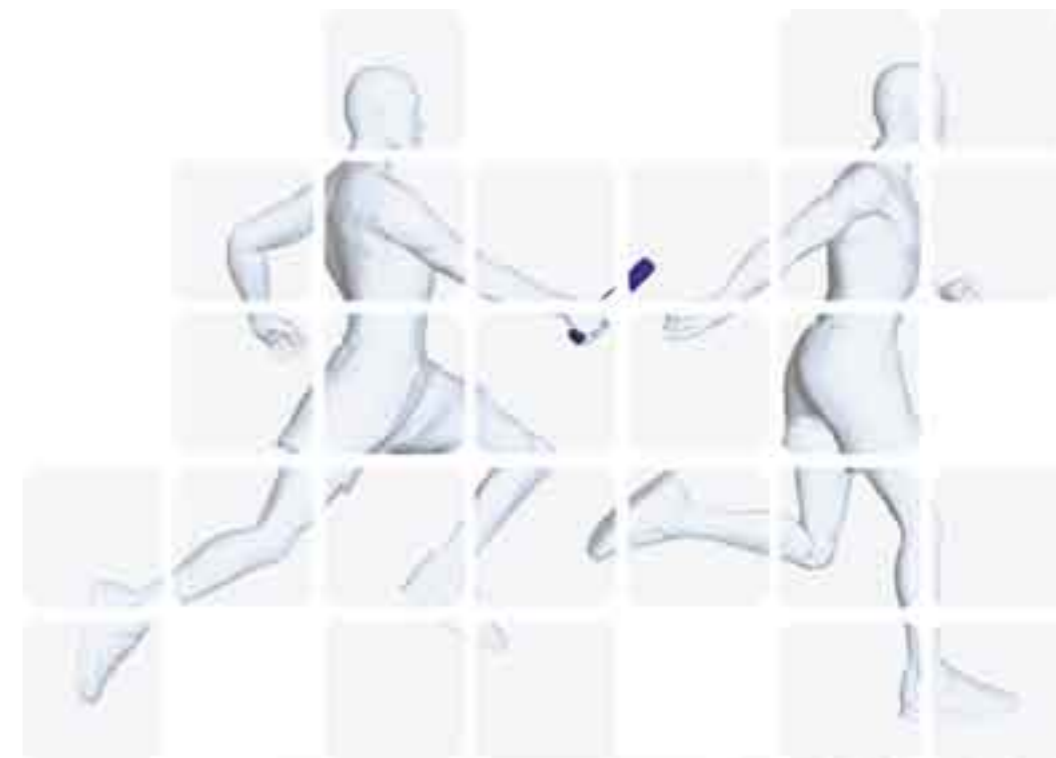
- Which patients has been treated, where and when
- Which nurses has performed treatment, where and when
- Total and specified costs per patient
- Consumption related to MDC/DRG
- Specification of number and actual costs regarding treatments performed
- Specification of actual costs for a treatment course
- Tracking ability of items used in treatment
- Savings by substitution of items
- Quality measure of patient treatment
- Wide range of analysis reports
- Secure and fast collection of information by electronic data capture
- Technical registration method (hand terminal, touch screen etc.) matched with the the needs of the individual institution

**SMDS OP Management:**

- Standardization of procedures (incl. bill of material)
- Adjustment of procedures to the individual surgeon
- Definition of treatment plans, -routines and -methods
- Optimal planning of operations
- Printing of packing lists with suggestions of pick location
- Automatic process run through by bar codes
- Electronic registration of extra consumption or returning of items
- Specification of actual costs per operation
- Relation of operation and costs to patients
- Effective follow up on the economical and clinical objects for the operation department

**SMDS Invoice Control:**

- Simple and secure approval procedure
- Reduction of handling costs
- Effective price control and deviation warning
- Control of account scheme
- Documentation of invoice handlers
- Documentation of budget controllers
- Optimal surveillance of vendor invoices and liquidity control
- Transfer to payment system



## ADVANTAGES

**Scan Modul Data System** is a cost-effective and integrated business solution, which supplies hospitals with a faster way to realize full potential of their core business.

Scan Modul Data System is quick to implement, easy to customize and simple to maintain. The programme has been developed specially to comply with the unique needs of the hospitals, who are searching for a solution that can help them achieve immediate competitive advantages, adjust and increase their business area.

Scan Modul Data System gives the hospitals opportunity for a rational planning of their core business, where the actual needs form the basis of supply plans for items and services. Active control of the demand chain (Demand Chain Management) is fundamental for a rational supply business (Supply Chain Management). Using Scan Modul Data System as a logistical support application gives full control over and audit of supplies from the vendors to the individual department/operation department or patient.

Scan Modul Data System enables organisations to stream line internal and external business processes, in order to make the organization work closer and more effective with customers, partners and vendors. The staff has access to endless flow of real-time information and many possibilities for exchanging information internally across the organisation or externally.

**HEALTHSPACE PTY LTD**

PO BOX 125  
KINGSTON 7051  
TASMANIA - AUSTRALIA  
TEL +61 (0) 3 6229 1009  
FAX +61 (0) 3 6229 2407  
E-MAIL [kevin.page@healthspace.com.au](mailto:kevin.page@healthspace.com.au)  
[www.htrak.com](http://www.htrak.com)

## Programme contents

**① SMDS Patient** is a module developed for documenting the consumption of items and services during the treatment of individual patients. The module can be used in environments, where the demand is total and detailed documentation of the items and services, which is a part of the treatment of patients. SMDS Patient is a user-friendly programme, which takes the preparation of patient treatment into consideration. As a result it fits naturally into the daily working environment of nurses. Simply scanning the bar codes of patients, nurses, treatments and items allowing easy and flawless registration.

### Selected programme contents:

- Patient card index with reference to the patient journal system in the hospital
- Treatment index (with bill of material)
- Treatment connected to patient and treatment plan
- DRG registration
- Electronic and manual registration of consumption
- Department order per patient with serial no., dispensing time etc.
- Cost analysis and statistics regarding treatments
- Export of consumption transactions

**② SMDS Supply** enables the implementation of the hospital's overall supply-strategy. It ensures that internal supply organizations focus wholly and effectively on the hospital's core business. By coupling supply as part of the 'treatment-chain' the patient care will be improved. The module assists the staff involved in the supply progress by providing e.g. documentation on routines, working procedures, division of responsibilities and competencies in the entire supply organization. SMDS Supply will realize your goal of having: the right items, in the right quantity, at the right place and in the right time.

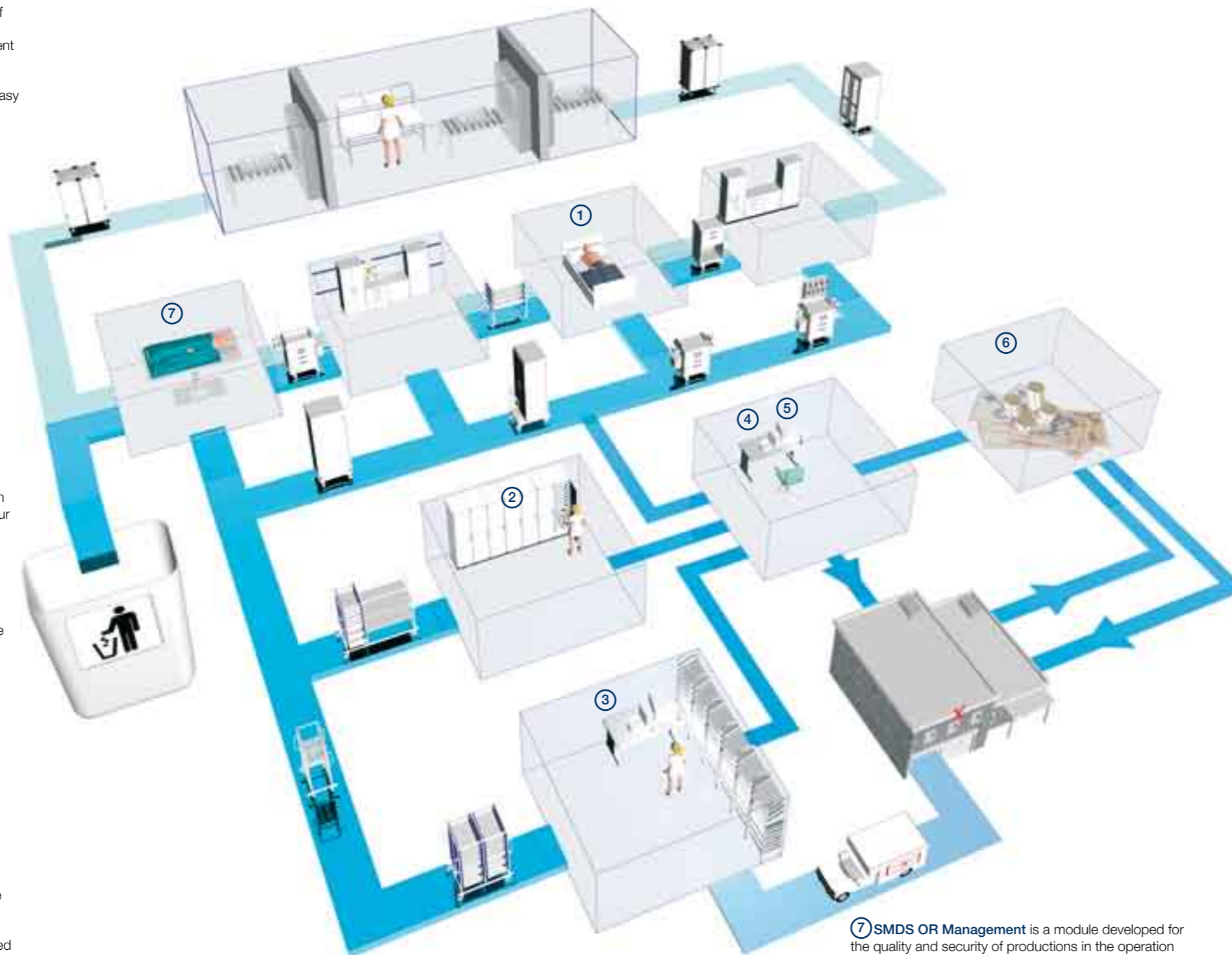
### Selected programme contents:

- Item index per supply department
- Index of internal and external customers
- Detail arrangement of consumption storages (in reference to e.g. FIFO principal)
- Printing of bar code labels and storage lists
- Department order by electronic reading of bar codes
- Printing of picking list
- Printing of delivery note
- Serial no. control
- Handling of emergency orders
- Credit of items
- Item - and department account
- Export of consumption transactions

**③ SMDS Inventory** offers comprehensive options for controlling the inventory across the entire organization. The modul makes it possible to track data of deliveries and purchases on a daily basis, with a suitable exposition of data in e.g. matrix tables. The module can be fully integrated with other modules thus providing comprehensive options for controlling inventory and minimizing stock – all without compromising customer service.

### Selected programme contents:

- Inventory balance
- Inventory value list
- Inventory control on more locations
- Transfer of inventory stock between supply departments
- Inventory adjustments and -counting of stock items
- Calculation of stock value in the units in each department
- Production of treatment sets (bill of materials)
- Documentation of item transactions



**④ SMDS Purchase** consists of in-depth information on vendors and features that enable total control of purchasing in a hectic hospital environment. Integrating with the inventory module and defining the maximum and minimum values of the stock, as well as reordering quantities, will result in an effective reordering procedure. The module optimises customer support and liquidity by having the right items at inventory at the right time.

### Selected programme contents:

- Vendor card index
- Purchase orders
- Purchase credit note
- Direct delivery
- Email of purchase order and -enquiry
- Electronic item receipt
- Automatic reordering of stock items
- Purchase authorization control
- On-line ordering for departments
- Invoice and quantity discount
- Controlling of contract prices

**⑤ SMDS Tender** is a superstructure of the Purchase module and is an effective tool for the professional purchaser used for the making of tender, evaluation of offers from vendors and for implementing and follow up on contracts.

### Selected programme contents:

- Establishment of tender journal with tender items
- Vendor index
- Automatic generation of tender documents in Word and Excel
- Email of tender documents to selected vendors
- Import of offers from vendors
- Automatic selection of offers
- Implementation of contract on items
- Controlling of contract prices

**⑥ SMDS Invoice Control** is a superstructure of the Purchase module and gives the individual invoice controller a detailed overview for approving vendor invoices. The module contains functionalities that transfer approved invoices from vendors to external payment systems.

### Selected programme contents:

- Registration of vendor invoices
- Assignment of vendor invoices
- Price control (deviation)
- Batch posting of purchase invoices
- Export of vendor depths
- Export of department consumption

**⑦ SMDS OR Management** is a module developed for the quality and security of productions in the operation departments. An elective operation can easily be planned with a starting point in indexes containing standard procedures or preference cards for the individual surgeon, that has to perform the operation. Packing lists can be printed with the statement of pick location (from the departments own inventory, order from the sterile central or from an external vendor). Extra consumption during the operation or return of items after a finished operation can be registered manually or by electronic reading of bar codes and is connected to the actual operation card, to which the exact price for the operation can be calculated. The module provides us with the opportunity to follow up on the economical as well as the clinical objectives.

### Selected programme contents:

- Index for standard procedures (incl. bill of material and nursing plan)
- Index for preference card per surgeon (incl. bill of material and nursing plan)
- Planning of operations with start/end times and hour, procedure, surgeon etc.
- Printing of packing list
- Automatic workflow by reading of process bar codes
- Manual or electronic registration of additional consumption / returning of items
- Cost analysis and documentation of operations
- Import of operations (from external booking programme)
- Export of consumption transactions