



## Solution Overview

*Point of Use Data Collection, Powered by hTrak™*

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## **Point of Use Data Collection by hTrak**

### **Facilitating.....**

 **Supply Chain Management**

 **Consignment Stock Management**

 **Prostheses Tracking**

 **Patient Procedure Costing**

## Barcoding in Health

There are two global barcode standards used in the unique identification of products in the Health marketplace. They are the **HIBCC** and the **UCC/EAN** standards. hTrak™ has coded the logic to be able to recognize both standards and extract the appropriate data elements. These data elements include the UPN (Universal Product Number) as well as the lot number and expiry date. Further information on the barcode standards can be obtained at the following web addresses:

<http://www.hibcc.org/>

<http://www.ean-int.org/>

The application of standards, combined with the use of the *manufacturer's barcodes* to identify devices, is essential when considering participation in any e-commerce initiative.

## hTrak Operating Environment

The hTrak™ solution is based on the ASP (Application Service Provider) model where all data is held on a central server protected with the highest levels of encryption and access controls.







Access to this data and the server elements of the hTrak™ solution only requires a web browser, password and Internet access. No application software is installed on a customer's PC.

Data is collected during the procedure through the use of a Microsoft Pocket PC based **Symbol** handheld barcode scanner such as the MC50 running the handheld component of the hTrak application. A synchronization process transfers all data collected since the last synchronization to the web server. Authorized personnel, through any industry standard web browser, can then view the resulting data on line or have the data sent to them automatically according to individual requirements.

The ASP model allows hTrak to provide customers with a quality product master data maintenance capability incorporating critical elements such as the Schedule 5 billing codes.











## **Data elements collected**

The hTrak handheld application is configured to capture a number of data elements at the point of the procedure. The elements collected can be tailored to meet individual client requirements allowing a flexible approach to implementation and/or integration with other Hospital business applications.

-  Patient ID
-  Location
-  Staff
-  Procedure code
-  Devices
-  Duration

Any or all of these elements can be collected using the barcode scanner incorporated in the Symbol mobile handheld device. Scanning significantly enhances the data accuracy, simplifies data collection and, particularly with device identification, ensures accurate identification of the devices. This enables the automatic capture of the lot number and the expiry date.

## **Benefits**

-  Minimize nursing involvement in inventory management processes
-  Facilitate high quality product master data
-  Inventory reduction and product rationalization
-  Administration savings if automatic replenishment processes adopted
-  Optimize facility utilization
-  Procedural business management reporting
-  Accurate procedure costing
-  Prostheses tracking
-  Automate Schedule 5 device tracking and rebate management claims reporting
-  Facilitate consignment stock management

## Symbol MC50

The hTrak™ handheld application currently uses the very latest handheld mobile scanning solutions from Symbol. We are currently recommending the new Microsoft Pocket PC powered MC50:














Further information can be found at:

[http://www.symbol.com/products/mobile\\_computers/MC50/MC50.html](http://www.symbol.com/products/mobile_computers/MC50/MC50.html)

## Reporting

Once data on the handheld is synchronized to the hTrak web server, reports can be assembled and accessed by authorized personnel using an industry standard web browser. These reports can be provided in a number of formats including HTML, PDF or CSV. Where routine reports are required, an automated compilation and delivery capability exists enabling reports to be forwarded to clients in their chosen format and according to their individual frequency requirements.

Examples of reports are:

-  Device usage reports
-  Requisitions for replenishment
-  Supplier orders for replenishment
-  Procedure costing
-  Facility utilization
-  Schedule 5 device usage (includes all billing requirements)
-  Device recall
-  Clinical costing
-  Department inventory profile
-  Consignment stock activity (including lot number & expiry date)
-  Inter-hospital device transfer

## Contact Details

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