Why Bar|Scan®?

Bar|Scan tracks fixed assets in a cost effective manner using the latest handheld technology or smartphone.

What is Bar Code Asset Management?

A serialized barcode label, existing serial number or UID compliant label is attached to each asset. Then, using mobile computers, tablets or your smartphone, IT deployment, receiving, or inventory personnel can capture location, cost center, description, and other information and synchronize to a host computer using a USB connection or Wi-Fi network. Changes in configuration, owner and status of assets can be captured in a similar manner, as they occur, by IT, facilities and warehouse personnel. The information is then available for inquiry, reporting, or export to a central data repository.

When Does Bar|Scan Make Sense?

Whenever you are required to perform inventories of assets. Bar|Scan can dramatically improve accuracy and save up to 80% of the time you spend on compliance inventories after the first year.

When your employees use personal computers and peripherals. Improve utilization, provide better maintenance and technical support by identifying the models and serial numbers prior to a field service call or help desk function. Improve record keeping for warranties and repair. Deter theft by assigning assets to departments or individuals.

When your auditors insist on greater control of your assets or when you need to meet regulatory requirements. Compliance with the Unique Identification mandate (UID) from the DoD, GASB 34, Sarbanes-Oxley, ISO certification and others often requires a system like Bar|Scan.

When you need to track requests for equipment and furniture. Bar|Scan's Work Order Module allows you to create, track and automatically update the status of each request.

When you want to document valuable assets for insurance and security purposes. Bar|Scan can produce listings and images of assets by location in the event of a fire, natural disaster, or theft.

When you have equipment or furniture in storage. Avoid wasting valuable time hunting through storage areas for assets you may or may not have - or worse, purchasing new equipment or furniture unnecessarily because you can't locate items in storage.

The Bar|Scan® Process

How Does It Work?

Bar|Scan is an easy to use, Windows® based system designed specifically to accommodate IT, facility, and accounting interface requirements. Our system includes the mobile application and personal computer software. We can provide you with barcode hardware or you can utilize your smartphone. We can also supply you with many different types of ID labels.

Bar|Scan's report generator allows you to create reports of your own design. You can select which assets to print and in what order, which columns should appear, where you want page breaks and subtotals and you can elect to have any field printed in bar code form for scanning purposes.

Bar|Scan can easily export and import any information in a variety of formats including Excel, CSV, PDF, XML, or ASCII. Because it is a SQL compliant database, the data can be accessed directly by many enterprise systems.

Before an inventory, physical locations, cost centers, user names and other information is entered (or imported) into Bar|Scan and downloaded into the mobile computer, tablet or smartphone to allow inventory personnel to select, rather than keystroke, inventory information directly into the handhelds. Up to 30,000 assets can be put into each device.

Optionally, bar code room tags can be attached to the door jamb, pallet, or phone jack in each physical location to make future inventories easier. Labels are available in a variety of materials and can have your company name and logo added, or they can be printed directly from Bar|Scan.

How broadly or specifically you wish to describe your assets is entirely up to you. Standardized descriptions called Catalogs are developed and organized by category, type and description. These are then also download-ed into the mobile computer, tablet or smartphone before the inventory. Digital images can be added to assist inventory personnel in identifying various types of specialized assets.

In addition to standard information, each Catalog has up to seven attributes which correspond to the category. An integrated library of descriptions for type, description, manufacturer and each attribute is available in pop-up windows which can be added to or changed to meet your specific requirements.

In summary, the Bar|Scan catalog process allows personnel to attach consistent and detailed descriptions to your assets.

You can configure Bar|Scan in your mobile computer, tablet or smartphone to prompt for an almost unlimited variety of questions. They commonly include: Serial Number, Secondary Number (existing numeric property tag), Purchase Order Number (for receiving purposes), User Name, Work Order Number, and bar code Room Tag. Unlike some systems with a pre-set limit, any additional prompts can be downloaded to meet your requirements, even User Defined Fields that you created. You can also download your assets for Audit Validation. Scan an existing asset label and Bar|Scan will display any previously collected information that you require. You can customize how the user should answer the question, including optional or mandatory response, format of the response, and if previous responses should remain for reference.

Inventory personnel can synchronize the inventory data to the host computer over a USB cable or Wi-Fi network. Unlike many other systems, this data is transferred into a temporary transaction file for additional error checking and editing before it is moved to the master asset database. You are assured that the data meets your strict data collection requirements.

Your inventory data can be queried by ordering or filtering the data by any of the over ninety data elements which can be tracked for a given asset. Unlike other systems, data can be edited individually or globally by using the Bar|Scan Range Feature. For example, 50 occurrences of a cost center can be changed to another cost center with only a few keystrokes.

Bar|Scan's easy to use, SQL based report generator means that you can create reports of your own design. Pop-up choices make creating a new report a snap. You can select which assets to print and in what order, which columns should appear, where you want page breaks and subtotals. You can elect to have any field printed in bar code form for scanning purposes. Save your report at anytime for future printing. Preview and send your report to your printer, email your report or export in popular file formats including Microsoft® Excel, CSV, PDF, delimited or XML. Best of all, the report generator is built right in so there is no other software to learn.

Because Bar|Scan is available on a local area network or Cloud based solution, IT, facilities, and financial staff can have immediate access to information they require. Extensive password protection and Single Sign On (SSO) can control which functions and menus your staff is authorized to access. Password protection is available all the way down to the individual field level.
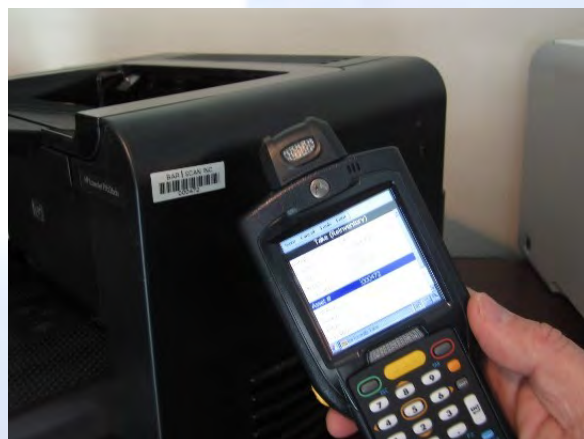
Bar|Scan® Asset Inventory

Why is Bar|Scan a better barcode tool for your asset inventory?

- Bar|Scan® will make sure that your physical inventory is accurate before updating your repository. Bar|Scan has extensive inventory validation built-in. Never worry about a duplicated serial or asset number again.

- Bar|Scan can work on many different mobile computers and tablets as well as your smartphone. Choose the right hardware for your unique environment, not just one vendor's offering. Bar|Scan supports many mobile computers manufactured by Zebra Technologies.

- Bar|Scan adds total flexibility to data collection with your mobile device. Easy to use configuration tool for device prompting. Change the device prompting at any time, no obsolescence. Choose which data elements to download into the device. Build multiple configurations for different functions, e.g. receiving, audit, disposal.

- Bar|Scan is easy to integrate with your existing asset repository. Supports ODBC, CSV, XML, Excel, and other file interface formats. Menu driven import and export generation, no programming required. Use our scripting to launch your import and export instructions.

- Bar|Scan can adjust to your changing needs. Add, change and delete fields as your requirements change. Modify your imports and export instructions quickly to meet new requirements.

- Using Microsoft's ClickOnce deployment technology, the optional Bar|Scan Smart Client can be installed throughout your environment for quick access to your Bar|Scan assets from any PC.

- Bar|Scan is an easy to implement, affordable solution which includes two personalized training choices—internet or on site (travel costs are extra). Bar|Scan is comparable to many vendor's solution at a fraction of the cost. It can be installed and ready to use in minutes. Bar|Scan has a solid track record and been in continuous use since 1989.

Optional Upgrades/Modules

Network Upgrade

As an upgrade to the Single User version of the system, Bar|Scan can also operate on a local area network allowing multiple users to concurrently access and edit all data. Bar|Scan can operate on a wide area network with sufficient bandwidth. It can also operate within environments like Microsoft Remote Desktop or Citrix XenApp. Cloud Options such as Microsoft Azure, Amazon Web Service (AWS) or Google Cloud are also available. Unlike some vendors, we do not license Bar|Scan by the seat.

Multiple Database Upgrade

The Multiple Database Module allows you to create an unlimited number of separate company databases. Each company database can also share tables, such as locations, with another company database as well as import and export items such as reports and catalogs from other company databases. Useful for those who wish to create separate company databases for various customers, such as a storage business, or separate company databases for different locations, or separation of active and salvaged assets. Individual company databases can be synchronized by Bar|Scan using ODBC connectivity to maintain an accurate roll-up master company database from multiple locations.

Work Order Module

The Work Order Module allows you to place delivery orders for various assets either specifically, by asset number, or generally, by catalog description. You can also create scheduled Work Orders for maintenance or repair of your assets. The work process flow can be tailored to the type of asset being serviced. Each Work Order has a unique number, the name and department of the person placing the order, the name of the crew assigned the task, and comments regarding the order. As the work order is filled, each asset is scanned with its related Work Order Number using the mobile computer or smartphone. When this information is uploaded to Bar|Scan and moved to the asset table, it updates the Work Order Status identifying what portion, if any, is still incomplete.

Accounting Module

With this option, purchase, lease, depreciation, and salvage information can be captured for each asset. Bar|Scan can optionally begin depreciation with initial values imported from your old system. Bar|Scan maintains a complete depreciation history for each asset and each depreciation period. Create your own depreciation schedules, adjustments, and more.
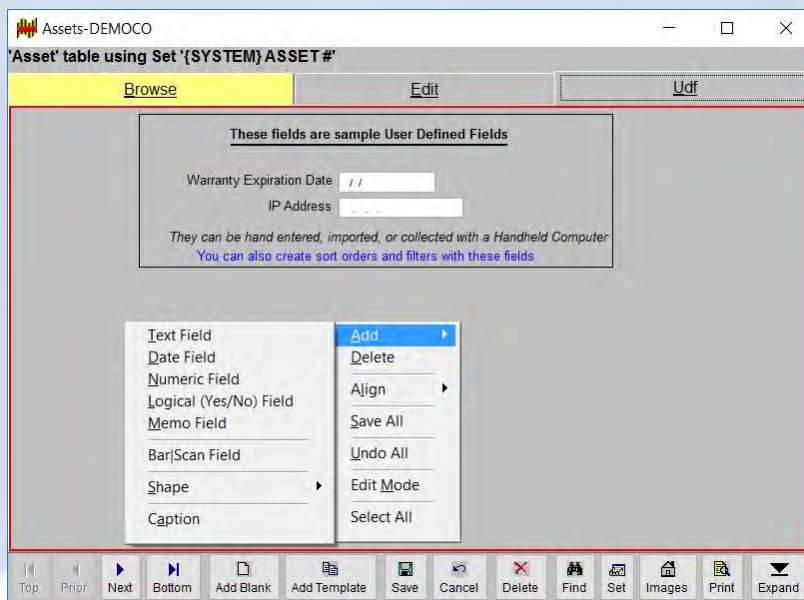
More Optional Modules

Import/Export Module

Bar|Scan is designed to easily share information with other systems without custom programming or a complex setup. The menu driven Import/Export Module can provide you with three important features. The Export feature allows you to export any combination of fields to other systems such as your enterprise IT management or accounting system. The Import feature allows you to import information into Bar|Scan from another system either as a method to initially populate the assets, or as an ongoing process of obtaining new information. With the Activity Log feature, you can set up and use an Activity Log File which records events as they occur. These events then can serve as an audit trail, or, if desired can also be exported. The Import/Export Module supports many formats including ODBC, Excel, CSV, XML, and ASCII.

User Definable Fields Module

In order to meet your unique requirements, this module allows you to create additional UDFs for each table in your database, without programming or customization! You can create dozens of new fields for your assets, catalogs, locations, etc. You can choose from a selection of field types and sizes, specifying the name of the field on the screen and in reports. The Module can also be used to modify existing Bar|Scan fields. This module is required to add User Defined Fields to the mobile computer or smartphone.

Imaging Module

Images from digital cameras and other sources can be linked to the Bar|Scan Catalog as well as individual assets to allow multiple users on your network access to make visual identification by simply clicking the mouse on a view button or asset query screen. Multiple images and PDF documents can be associated with any field. Images can be printed on Bar |Scan reports. Bar|Scan can read and store many different popular graphic formats.

More Bar|Scan Features

Most companies are using the Internet and networks to share information on a national and global basis. Bar|Scan also uses these technologies. Bar|Scan can also perform advanced tasks normally associated only with enterprise operations.

Bar|Scan Smart Client Software

Using Microsoft ClickOnce deployment technology, the Bar|Scan Smart Client can be installed throughout your environment for quick access to your Bar|Scan Assets. View, print, filter or edit select Bar|Scan asset information sorted by any field in the view. Useful for access of information from remote locations or for a larger audience without using Bar|Scan. Filters can be assigned by user passwords so that only assets in their area of responsibility are accessible.

Since the application is delivered and maintained through your intranet, deployment can easily be scaled. Requires Microsoft IIS, .NET 3.0, and the Bar|Scan Network Module.

XML Instruction Scripts

You can use XML scripts to have Bar|Scan execute a variety of functions. For example, these functions can help the Bar|Scan administrator send email messages to other Bar|Scan users and facilitate logouts. Or they can be used to do an import or email a report on a regularly timed basis without user interaction.

Bar|Scan regularly checks for instruction files. Instruction files are XML formatted text files with both data and instructions contained within them. When Bar|Scan executes an instruction file, it performs the task using the embedded instructions and data to get the job done. These instruction files have their queue for all of the operations related to them. They can be automatically requeue for tasks that need to be performed on a regular basis.

Inventory Services are Available

Bar|Scan, Inc. has a unique technical approach to your inventory. Each project is scaled to match your requirements. We provide the highest quality inventory services which include bar code asset inventories, reconciliation consulting services and procedural documentation. We also provide internal inventories of personal computer equipment using a variety of diagnostic products.

We can provide implementation and inventory services on a national basis. Bar|Scan, Inc. is headquartered in Westlake Village, California with service representatives in New York, and Washington, D.C.

Optional Services

- Provide reports that reflect all reconciliations including additions, transfers, and retirements to support your financial statements and work with your staff throughout the project to ensure that the valuation and inventory work is in compliance with accounting standards.

- Import your existing asset database.

- Develop and draft property manual to incorporate your processes and procedures regarding fixed assets.

- Regular updates of your completed asset inventory.

- Project consultation, custom computer programming and implementation is also available.

Personal Computer Hardware Requirements

Any Microsoft Windows based PC or Surface Pro with Windows 10 or newer and USB port or Wi-Fi connectivity to synchronize with a handheld can run the Bar|Scan Mobile Application. Handheld communications requires TCP/IP. Compatible with Microsoft Azure Cloud, Amazon Web Service (AWS), Google Cloud or Citrix XenApp. Bar|Scan will work on any Windows compatible graphic page printer such as the Hewlett-Packard LaserJet series.

Technical Support

There is no charge for any support or upgrades for one year from date of installation. We provide email, telephone and host/remote support for Bar|Scan to answer questions and assist in operations of all of our systems, Monday through Friday, 8:30 A.M. to 5:00 P.M. Pacific Standard Time, excluding holidays. After hours support is available. Support and downloads are also offered at our web site www.barscan.com

Bar|Scan, Inc. is a certified small business. We are located on multiple schedules including GSA.
We accept Major Credit Cards and GSA SmartPay.   Rev. 09/21