We live for these testimonials because it means we have made a positive impact on our customer’s operational efficiency. It means they have reduced past mistakes and increased their accuracy. We want to help you accomplish the same, and look forward to your similar testimonial as a satisfied Panatrack customer.

We have prepared this guide to introduce you to our Panatracker® GP product. With a product line that contains “GP” in the title, it’s probably obvious that these solutions are tightly integrated with Microsoft Dynamics® GP. We leverage the investment you already have in a system that excels in managing inventory, assets, and financials. We then extend that capability by adding the power of barcode control and mobility to put the responsibility in the hands of the people that are actually performing these transactions.

Your actions are validated in real-time to block errors, and transactions are immediately applied to your inventory and asset positions. That means that the information is captured when it happens, instead of writing it down and miskeying it into a GP window hours later. Gone are the delays, gone are the unreadable serial numbers, gone are mistaken shipments.

Buying an automatic data capture system can be daunting. You don’t want to be trapped with a weak and overly-simple add-on that can’t grow with you. You also want to avoid over-spending on a heavy stand-alone system that gives you one more reconciling nightmare and months of implementation headaches. We know these pitfalls, and have crafted an easy-to-use powerful system that will have you up and running fast. Really fast.

We are self-proclaimed tracking fanatics, focused on using the latest technologies for better management of your stuff. Inventory and asset tracking is all we do, and that focus shows in our products and services. With customers spanning the world, we keep adding new features, and our customers continue to reap the benefits of a selection well-made. Give us an opportunity to show you how we can help your organization achieve the cost-savings that tighter control inventory and assets will bring. Visit our website or call us to learn more.

- The Panatrack Team

INCREASE BUSINESS VISIBILITY, CONTROL AND ACCURACY!

“My team now has everything under control, and I sleep better at night.”

About the hardware you see in this catalog...

You may notice that this guide features rugged purpose-built barcode scanning computers. We recommend this hardware because:

✓ It tolerates the inevitable drops, dust or moisture that can occur during daily use.
✓ It scans barcodes very quickly at the push of a dedicated button, at a significant distance or through plastic-wrap.
✓ It has quick-change long-life batteries that last an entire shift.
✓ It has hardware keys that greatly speed up data entry.
✓ It has an expected life twice that of a consumer-device such as a phone or tablet.
✓ It supports the ergonomics of one-handed operation.
✓ It enables security that prohibits configuration changes, distractions, and potential viruses from entering your secure network.

Real inventory and asset management isn’t just an ‘app’. It’s an efficient and secure system built to accomplish a specific task -- and the hardware matters. Please consider the benefits of these devices when examining your options for barcode-based inventory and asset control.
PanatrackerGP is the barcode inventory and asset tracking solution of choice for Microsoft Dynamics GP. Using GP as the host database, PanatrackerGP enables real-time interaction that gives you the ability to capture a transaction at the point and time it occurs. Operating over a wireless network, transactions are validated in real-time against the GP data. Upon submit, transactions are created or updated immediately to GP.

Keeping GP as the single source of inventory and asset truth eliminates problematic data duplication and the difficulty in keeping yet another system synchronized. Better yet -- using GP also provides the ability to implement a solution quickly and affordably. Headed to the cloud? PanatrackerGP can be implemented on-premise or in a hosted environment.

The Panatracker solution is packed with features and flexibility. With many configuration settings available, the user interface can be tailored to match details you need to capture. Your browser-based dashboard lets you easily administer the system, add users, view configured devices, and manage your workflow. All user transaction activity is logged in detail, thus allowing you to create useful performance and audit reports.

One size doesn’t always fit all, so PanatrackerGP lets you start simply and make use of our powerful extensibility options:

**Flex Fields.** User-definable fields are available to set up for each transaction. Add validation and optional customized look-up lists.

**Automated Email Notifications.** If an issue with a transaction is encountered, PanatrackerGP can send an email to your team so that you can take action quickly. Notifications can also be added for other scenarios such as over-receipt activity, short picks, or an update to an asset.

**Transaction Hooks.** Have a unique scenario that needs another system updated? Panatracker has an infrastructure that allows customization of the system with pre- and post-procedures.

**Advanced Barcode Parsing Logic.** When items arrive with a composite barcode that contains more than just the item number, PanatrackerGP can intelligently parse the barcode to streamline the capture of data. We offer powerful support for UDI and GS1 standards.

Customers select PanatrackerGP so they can realize serious productivity and accuracy improvements.
INVENTORY MANAGEMENT BASICS

Full integration with Dynamics® GP makes Panatracker GP an essential tool in effectively managing your inventory.

Are you currently using Dynamics GP and looking to improve control of your inventory? PanatrackerGP is the tool that will help you unlock the full potential of your current investment. Add PanatrackerGP to extend your Dynamics GP into a feature-rich inventory management system.

Replace spreadsheets and paper-based tracking with the efficient combination of mobile computers and barcode technology. PanatrackerGP gives your workforce an easy-to-use tool to capture inventory transactions at the point and time they occur. Real-time validation and fast access to inventory details adds efficiency, accuracy, and control of your inventory.

We offer solutions that add functionality tailored for the specific needs of stockrooms, distributors, manufacturers, and hub-and-spoke organizations. PanatrackerGP is the most scalable barcode add-on solution in the market. We can tailor a solution for you.

"Our inventory is labeled and accurate, order picking is simple, and stock counts take a fraction of the previous effort...this has saved us a ton of time."

IN

Chances are that most of your inventory arrives through a purchase order process.

PanatrackerGP makes this step easy by receiving this inventory right on the dock and printing a label. If your product already has a barcode, we can tie that information to GP. Want another way to add inventory? Just do an adjustment.

TRACK

Once the inventory is yours, record site transfers and bin movements. Just scan it and GP will know about it.

Do you manufacture things? We integrate to the GP Assembly and Manufacturing modules, as well as popular third-party manufacturing add-ons.

Keep your inventory under control by performing an occasional physical inventory or stock count. We tie directly to GP to make it easy.

OUT

Most companies sell their inventory to others or issue it for projects. PanatrackerGP makes order fulfillment easy. We can streamline the shipping process too.

Using inventory for projects? Our adjustment transaction lets you record what and why. We integrate to popular project and service add-ons like Key2Act (formerly WennSoft) and Olympic Project Cost.
CORE TRANSACTIONS FOR INVENTORY CONTROL

Inventory Management – The Core Basics

A solid foundation is important when you build a house, a relationship, or an inventory system. If you manage inventory of any kind, there are core inventory transactions you will use – regardless of your industry. PanatrackerGP starts with those basics and builds from there to add features and functionality targeted to specific industries. Our core inventory is available for those organizations that simply require the basics – managing inventory issued internally for maintenance or to departments.

The standard features are transactions that provide the foundation for all of the PanatrackerGP solutions.

RECEIVING
Accurately record and label inventory with real-time validations against GP purchase orders.

PUT AWAY
Using the multiple-bin features within GP, check in the items to a receiving bin location and then complete put-away to stock bin locations.

ITEM-BIN MOVE
Move inventory between bin locations.

SITE TRANSFER
Complete site transfer transactions. Barcode label printing for re-packaging of items for easy identification for the destination site.

ADD ADJUSTMENT
Record inventory returns to stock or miscellaneous adjustments.

REMOVE ADJUSTMENT
Record the usage and issue of inventory or capture miscellaneous adjustments with the ability to record reason codes.

STOCK COUNT
Rapidly and accurately record stock counts of your inventory. A full count audit history is captured in the transaction logging database. A ‘spot count’ feature is available for quick single-item verification.

VENDOR RETURN
Capture items returned to a vendor creating an inventory adjustment and corresponding payable return transaction.

STANDARD FEATURES INCLUDE:

- Item Inquiry
  Access current on hand and available quantities from GP in real time.

- SKU to Manufacturer Barcode
  Return your GP item number with the barcode scan of a manufacturer’s or vendor’s item number. Add these associations quickly at receiving or with this transaction.

- Barcode Label Printing
  Add the ability to automatically print barcode item labels. With the purchase of the label printing designer and automated printing infrastructure, labels can be printed on-demand or from a desktop interface.

- FDA UDI and GS1 Barcode Support
  Master the FDA’s Unique Device Identification system which concatenates item, lot, serial, and other attributes into a single barcode. Our barcode parsing engine easily allows the capture of this data in a single scan. We also support parsing most custom barcode data formats.

LEARN MORE Executive Brief:

3 HARD QUESTIONS TO ASK AUTOMATIC DATA CAPTURE VENDORS.
Due diligence is important in any software selection process. Here, we provide a list of questions to ask potential barcoding and data capture vendors.
INVENTORY FOR PROJECTS, JOBS & SERVICE

Because all inventory environments are not created equal...

Most Warehouse Management solutions are designed to support complex pick, pack and ship processes with a distribution or manufacturing warehouse in mind. Organizations that manage parts and supplies typically require the core inventory management features – receiving, put away, transfer and physical counts and also need the ability to capture items issued to a job, project, or service activity.

Panatrack offers a solution targeting organizations that manage stockrooms and part cribs such as public utilities, hospitality organizations, medical facilities and labs, service contractors, and maintenance organizations.

“We didn’t think there was an inventory barcode solution designed for our internal stockroom environment. We were wrong!”

Building on the Core Transactions listed on Page 8, the addition of these transactions make up the basic solution for Projects, Jobs, and Service:

**PROJECT ACCOUNTING TRANSFER**
Boost efficiency and easily capture items to issue to projects. Set up the Project Transfers as a Work Order for additional control over what items are issued to a project.
Add the project number to your barcode label design when inventory is purchased specifically for a project.

**PROJECT ACCOUNTING TRANSFER RETURN**
Quickly record any items returned from a project.

**KEY2ACT JOB & SERVICE INTEGRATION**
Capture the Key2Act Job or Service details on adjustment transactions as parts are issued from or returned to the stockroom.
Add the Key2Act Job or Service reference to your barcode label design when inventory is purchased specifically for a job or service.

Tailor your Project and Job Tracking solution by adding these additional transaction options:

**DIRECTED TRANSFER**
Set up restock levels for your trucks or other satellite sites and add support for a directed pick for transfers or moves to replenish stock levels.

**SALES ORDER ENTRY/EDIT**
Do you use sales orders for a work order? Enable your workforce to add parts, service, and flat fee items to existing sales orders.

**ASSEMBLY WITH WORK ORDER**
Add simple manufacturing to pre-build kit type items. A bonus Work Order infrastructure adds the ability to plan assembly builds.

**SKU TO UOM**
Augment the manufacturer item cross reference and associate the unit of measure with each linked item number.
INVENTORY FOR DISTRIBUTION MANAGEMENT

A powerful solution created for distributors

For organizations that sell and ship to customers, streamline your operation with the Distribution Management solution. Build from our core essentials offering receiving, transfer, and stock count functionality to optimize your pick and pack operations with the robust features offered in this solution.

Like all of the PanatrackerGP solution offerings, flexible configuration and integration options support the foundation pick and pack processes. Organizations that require support for more complex processes can still maintain the advantage of keeping GP as the single host database. PanatrackerGP's advanced options add the logic to turn Dynamics GP into your Warehouse Management Solution.

PanatrackerGP offers the infrastructure to streamline your operation with shipping and EDI support.

"Any organization can streamline their operation by adding barcode technology"

BUILDING ON THE CORE TRANSACTIONS LISTED ON PAGE 8, THE ADDITION OF THESE TRANSACTIONS MAKE UP THE BASIC SOLUTION FOR INVENTORY FOR DISTRIBUTION:

- **FULFILL ORDER**: Complete validated picks on sales orders for accurate fulfillment to your customers.
- **VERIFY ORDER**: Add a second step to Fulfill Order to complete the pack of the order and verification of the pick.
- **BATCH PICK**: Group sales orders together in a single pick list to consolidate trips through the warehouse.
- **ASSIGN TRACKING DETAILS**: Capture tracking details and obtain a signature capture for pick up orders.

TAILOR YOUR DISTRIBUTION SOLUTION BY ADDING THESE ADDITIONAL TRANSACTION OPTIONS:

- **DIRECTED TRANSFER**: Add the ability to create internal transfer orders with directed pick functions for transferring inventory between sites or bins.
- **ASN RECEIVING**: Populate the Advanced Ship Notice tables to receive against defined vendor shipments.
- **SKU TO UOM**: Augment the manufacturer item cross reference and associate the unit of measure with each linked item number.
- **SALES ORDER ENTRY/EDIT**: Configuration options enable your users to create sales orders or add to and edit existing orders from mobile devices.
- **ADVANCED BIN MANAGEMENT**: Add additional bin logic to the standard site-bin setup to advance your GP investment into a more sophisticated WMS.
- **ASSEMBLY WITH WORK ORDER**: Take the Inventory BOM and Assembly to the next level with the ability to plan assemblies with our added Work Order infrastructure and easily record assembly transactions.

LEARN MORE

Executive Brief:

**THE CASE AGAINST STANDALONE WMS.** Are warehouse management systems (WMS) that operate on their own standalone database more trouble than it is worth? In most cases, we think so. In this informative analysis, we tell you why.
Inventory management for raw materials, components, and finished goods

For organizations that manufacture or assemble items, handle raw materials, components, and finished goods in the warehouse. This solution adds the ability to capture that inventory to the manufacturing or assembly process and record the output to a finished good item to stock or ship. Optional transactions offer more advanced warehouse management and order fulfillment capabilities.

PanatrackerGP supports a range of manufacturing operations from repetitive, discrete and process manufacturing offering support to:

✓ Dynamics GP Inventory Assembly
✓ Dynamics GP Manufacturing
✓ Vicinity Manufacturing
✓ Horizon Manufacturing

Inventory for Manufacturing

Building on the Core Transactions listed on Page 8, the addition of these transactions make up the basic solution for Inventory for Manufacturing:

- **ISSUE INVENTORY**
  Capture raw material and component inventory to issue to the manufacturing process.

- **CREATE PRODUCTION**
  Record Finished Good Receiving for your manufacturing batch orders with the ability to print a barcode item, carton, or pallet label.

- **QUICK MO (GP ONLY)**
  Process a Quick MO transaction to add inventory and issue the components in a single step.

- **ASSEMBLY WITH WORK ORDER**
  Adds a work order entry and management feature for Assembly. From the handheld, record assembly transactions with options to capture specific component details or handle components with backflush.

Tailor your Manufacturing solution by adding these additional transaction options:

- **DIRECTED TRANSFER**
  Create a directed pick to manage the transfer of components and raw materials from stock locations to the production or assembly floor.

- **FULFILL ORDER**
  Complete validated picks for sales orders for accurate fulfillment to your customers.

- **VERIFY ORDER**
  Add a second step to Fulfill Order to complete the pack of the order and verification of the pick.

- **BATCH PICK**
  Group sales orders together in a single pick list to consolidate trips through the warehouse.

- **ASSIGN TRACKING DETAILS**
  Capture tracking details and obtain a signature capture for pick up orders.

- **SKU TO UOM**
  Augment the manufacturer item cross reference and associate the unit of measure with each linked item number.

- **ADVANCED BIN MANAGEMENT**
  Add additional bin logic to the standard site-bin setup to advance your GP investment into a more sophisticated WMS.
INVENTORY FOR CENTRAL WAREHOUSE MANAGEMENT

Solutions for hub-and-spoke organizations

This solution is specifically targeted to organizations with hub-and-spoke inventory management practices. Retail organizations, medical facilities, labs and life science operations have satellite locations requiring regular inventory restock from a central warehouse can now streamline the process.

Start with core essentials and add a transfer request infrastructure. Transfer requests can be created automatically based on restock level settings in GP, entered manually through the Panatracker dashboard, or from the Stock Replenishment transaction. The central warehouse will automatically have access to the transfer request to efficiently pick and transfer the inventory. Setup orders with via or in-transit sites and add a cross-check receiving option for the requesting site location.

Building on the Core Transactions listed on Page 8, the addition of these transactions make up the basic solution for Inventory for Central Warehouse Management:

**DIRECTED TRANSFER**
Create internal Transfer Orders. With multiple configuration options, request inventory using the Transfer Request transaction to maintain restock levels at satellite locations. Hub warehouse locations use a directed pick list with the Transfer Pick transaction to efficiently pick to fulfill the restock requests.

**ORDER FULFILL**
If your operation also has customer orders to fulfill, add the Sales Order Fulfill functionality.

**VERIFY ORDER**
Add a second step to the sales order pick process to complete a verify and pack for customer orders.

**BATCH PICK**
Group sales orders together in a single pick list to consolidate trips through the warehouse.

**ASSIGN TRACKING DETAILS**
Capture tracking details and obtain a signature capture for sales order fulfillment transactions.

**ASN RECEIVING**
Populate the Advanced Ship Notice tables to receive against defined vendor shipments.

**SKU TO UOM**
Augment the manufacturer item cross reference and associate the unit of measure with each linked item number.

**SALES ORDER ENTRY/EDIT**
Configuration options enable your users to create sales orders or add to and edit existing orders from mobile devices.

**ADVANCED BIN MANAGEMENT**
Add additional bin logic to the standard site-bin setup to advance your GP investment into a more sophisticated WMS.
**TIPS FOR INVENTORY CONTROL**

1. **Start barcoding your inventory!**
   You can’t efficiently track inventory if you can’t accurately identify it. Even if you aren’t yet ready for an inventory management system, we encourage you to implement item labeling right away. By the time you put in a barcode system, your inventory will likely have turned over and all your products will already be conveniently labeled.

   Check out www.panatrack.com for helpful blog post!

2. **Devise a strategy to organize inventory!**
   If you now track inventory in Dynamics GP, then you are familiar with “sites.” A site represents a physical building, but it could also represent a delivery truck or an inventory status (e.g. quarantine or quality hold). Also consider enabling “multi-bin” tracking within Dynamics GP. Bins allow you greater granularity to define locations within a site. Key tip: Name your bins in a manner that supports a useful sort order. Once you add a barcoding system, locating and tracking your inventory becomes very easy.

3. **Evaluate the tools and reporting you already have with Dynamics GP®.**
   Dynamics GP has the power to be a full-featured inventory management system. Enable some of its advanced features to tighten your inventory control. Research GP’s features for resource planning, bin set up, priority assignments, and min/max management. Download our whitepaper, “Making the Most of Inventory Management – Leveraging Microsoft Dynamics GP and Barcode Technology” for specific ideas.

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**Why let budget be an impediment?**

You can probably already envision the return on investment (ROI) you can realize with PanatrackerGP. Transactions will be recorded instantly, making for more accurate inventory records in Dynamics GP. Your staff will be freed up from time-wasting data entry and you will sleep better at night. You can realize measurable returns including:

- Increased inventory accuracy.
- Reduced manual data entry time.
- Fewer stock-outs that put customer orders at risk.
- Increased visibility to the position of your inventory to your workforce to improve efficiency.
- Validation for order picking to eliminate mis-shipments.

To realize the “R” in ROI, you do need the “I,” and capital investments can be a budgetary challenge. So we offer a number of options that can allow you to get started with our software while respecting budget constraints. PanatrackerGP is also available through subscription-based software-as-a-service (SaaS), which reduces up-front software costs.

Another option to consider … your entire project cost could be rolled into a single monthly lease payment. These leasing agreements are extremely flexible, and different options can leave you with full ownership of the hardware and software at the end of the lease term. Or, a lease agreement can get the hardware and software off the capital budget and onto the operating budget, which tends to streamline approvals in some organizations.

Give us a call to discuss your inventory issues. We will help you identify the savings you can realize by adding the tools to better manage your inventory.

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**LEARN MORE**

Executive Brief: IS HARDWARE AND SOFTWARE LEASING RIGHT FOR YOU? Many financial and operational professionals may not realize the risks posed by inadequate fixed asset tracking. We describe these risks and offer a solution!
Track your fixed assets with the simplicity of a scan.

Simply put, to protect your bottom line you need to maintain accurate records for your fixed assets. Too often, the physical details of your assets are managed outside of the accounting system and stored in spreadsheets or paper lists. Important questions such as “Who has it?” and “Where is it located?” go unanswered.

Gaining an accurate picture of your assets requires more than a few infrequent entries into the computer. It takes a solution that makes the tracking of assets simple -- a solution that contains barcoded asset tags, mobile scanners, and a tight integration to the accounting system you already have.

PanatrackerGP extends Dynamics GP Fixed Asset module to help manage the physical details of your assets. Separated from the financial setup of your asset records, it’s a tool that simplifies adding, updating, and validating asset locations or custodians. Direct and immediate integration with Dynamics GP assures your asset information is accurate and up-to-date. Use a ruggedized mobile computer with embedded barcode scanner for best ease-of-use, or with your smartphone for scanning via your phone’s camera.

“*We now have a barcoded property tag on every laptop and server, and we can accurately track it as it changes hands. You have made this easy.*

ASSOCIATE ASSET
Easily associate a new barcode asset tag to your existing assets. Filter the asset list by location, class assignment, or serial number to quickly locate and assign barcode tags.

ADD NEW ASSET
Tag it, scan it, and record key details about your new asset. Easily add the serial number, description, starting location, and more. Automatically create the corresponding receiving transaction if using a GP purchase order.

UPDATE ASSET
Access important asset details with a simple scan of the barcode. Quickly assign or re-assign who has it and where it’s located. With support for GP’s user-defined fields, you can tailor what information can be updated.

ASSIGN GROUP ID
Group assets with the same attributes to take advantage of the Mass Change functionality within GP. Grouping assets supports the assignment of the proper Class, Book, and Accounts without needing to open each asset record in GP.

VALIDATE ASSET
Like a ‘physical inventory’ for your assets, confirm that you have an accurate location assignment for every asset. Additional options add validation to custodian and master asset ID assignment.

MITIGATE FIXED ASSET RISK IN Dynamics GP®. Many financial and operational professionals may not realize the risks posed by inadequate fixed asset tracking. We describe these risks and offer a solution!
Tag your assets with a barcode label.
Get an early start on marking your assets with barcode tags. Select pre-printed commercial asset labels that will last as long as the asset. Design the labels with a “Property of Your Company” to highlight ownership and discourage theft.

Check out our website at www.panatrack.com for options or to get label samples.

Maintain a unique record for each asset.
Each asset that was assigned a barcode needs an independent record in your GP Fixed Asset module. This record stores the corresponding serial number along with specific assignments such as location and custodian. This provides the foundation to easily manage the physical details of your assets.

Determine your financial tracking strategy.
Define a strategy to set up financial record-keeping for your assets. Your acquisition cost can be captured for each individual asset record. Or create a master record for financial reporting. A Class ID assignment can differentiate your capital and expensed assets easily.

Asset tag identification plays an important role in an organization’s ability to quickly correlate different sets of information about each asset. This necessitates each asset to be uniquely identified. Panatrack recommends purchasing pre-printed serialized asset labels made with label materials and printing techniques that will ensure your asset identification will last as long as the asset itself. Include your company name for anti-theft and security identification.

Prefer to print your own? We can get you set up with the tools you need: label design and printing software, a barcode printer, and the correct label stock. Panatrack can provide you with your total asset tracking system.

PanatrackerGP tracks capital and expensed assets across a variety of organizations. Examples include:

- Tools, electronics, laptops, cell phones and other trade assets on loan to students or employees.
- Medical equipment throughout hospitals or out-patient homes.
- Servers and networking equipment throughout Data Centers.
- Equipment leased to customers for jobs or special projects.
Why Panatrack?

✓ DIRECT INTEGRATION
PanatrackerGP leverages your investment in Dynamics GP by using your existing inventory and asset database.

✓ EASY TO USE
PanatrackerGP is highly configurable yet easy to learn and use.

✓ SCALABLE
Need simple data capture? We’ve got that covered. Need more robust functionality? Enable what you need when you need it. We grow with you.

✓ EXPERTISE
We don’t just deliver a piece of software. We offer our expertise to help you execute practical and accurate inventory or asset tracking. With our extensive knowledge of Dynamics GP, we help you use your system to your best advantage.

✓ WE LISTEN
Panatrack continues to evaluate ways to improve our solutions and continue to add new features and enhancements.

✓ GREAT SUPPORT
Since our expertise is tracking things, we naturally track our own efficiency in providing support. Your request for help is closely monitored and tracked through resolution. We also have a growing self-serve knowledgebase for common questions and tips.

✓ HOSTED
We operate beautifully in the cloud or on-premise.

Call Now: +1.262.361.4950 or visit www.panatrack.com