Introduction

The Parcel Shipping System - PSS was designed with flexibility in mind for distributors, mail order houses, manufacturers and any organization shipping between 50 - 50,000 packages daily. PSS supports all small parcel carriers including FedEx Express, FedEx Ground, UPS, USPS, Airborne, DHL., and others. PSS also supports LTL carrier rating, pallet packing and produces bills-of-lading.

PSS is capable of acting as the gateway between all of the carrier provided systems and your application server. PSS can automatically select the best ship-via based upon freight cost or delivery experience. PSS boasts a powerful and easy to customize interface that can read from and write to most databases directly. PSS can be installed as a host-based application or as a stand-alone parcel processor. We provide scales, label printers, forms printers, scanners, conveyer control and more.

With PSS you can choose options that suit your current operation, and, at any time, add more options to the system as your automation and integration needs change.

If you are looking for shipping **Control**, increased **Productivity**, **Flexibility**, comprehensive **Reporting** and the ability to provide superior **Customer Service**, PSS will be the correct choice.

Control
PSS is capable of controlling the accuracy of your data and the flow of your parcels from the time a packing-list is generated until the parcels are picked up by your freight carrier.

A properly configured PSS system will:

- verify that the SKUs ordered are the SKUs packed

- verify that the quantities ordered are the quantities packed

- verify that serial numbers, lot numbers & batch numbers are valid and available

- use the weight provided in your SKU file for scale-less shipping

- stop an order from shipping if the customer is over their assigned credit limit

- use your business rules to select the correct carrier for each shipment

- control your automated conveyer or sorting equipment

- generate an approved carrier label for every box shipped

- report on a carriers performance vs. their performance claims

- save a complete history on every parcel shipped until purged

- do much, much more.

PSS uses the Level II Interface to integrate with your application software. The interface is limited only by your imagination and the data available to PSS.

Productivity

Once control has been established and human errors eliminated, immediate productivity gains will be realized. Productivity will be further increased when paper is handled once or eliminated, and data is made seamlessly available to the customer service, accounting and traffic departments.

A properly configured PSS system will:

- accept data from your application software, i.e. shipto name and address, ship via, order detail, SKU detail, etc
- return shipping data used by customer service, i.e, weight, freight cost, tracking #, delivery info, etc
- return inventory control data, i.e. SKU, quantity, bin & serial # shipped per box, backorder info, etc
- return accounting information i.e. freight invoiced, freight expense, etc
- use your business rules for billing freight
- print master and individual bills of lading
- automatically create vouchers for LTL carrier shipments
- trigger bin inventory allocation routines based upon packing information
- trigger invoicing based on your business rules
- email a customer shipment notification complete with hyper-linked tracking numbers, and thus minimize customer inquiries
- do much, much more!

Flexibility

The Parcel Shipping System was designed with flexibility in mind. You can choose just those software, carrier and hardware options that suit your current operation, and, at any time, add additional options to the system as your automation and integration needs change.

- PSS generally resides in a multi-user environment allowing users from every department to share centralized shipping information
- PSS connects users via Ethernet or serial communications, locally or over a WAN
- PSS packing and rating workstations can be completely wireless and mobile
- As you grow, PSS allows you to add an unlimited number of additional packing & rating stations
- PSS supports all of the major freight carriers so you don't have to think twice about adding or replacing any shipping vendor
- Software Co-Op, Inc. is a software house. If your business rules change, SCI staff will be available to make software alterations
- PSS is the most transportable shipping system available. If you change application software your investment will be safe in PSS

- The Parcel Shipping System can be fully integrated shipping solution on a host or web server
- The Parcel Shipping System can be used as a stand-alone PC-based solution
- PSS offers several levels of fault tolerance for our 24/7 customers

Reports

Although most of the parcel carriers do not require paper manifests any longer, PSS is able to produce approved manifests for all of the major carriers. There are dozens of additional reports and pre-printed forms that can help you streamline your shipping operation and recognize trends, including:

- Bills-of-lading for an individual shipment

- Consolidated bills-of-lading for multiple shipments

- Shipments by a carrier over a specified span of time (used to audit your carriers' bills)

- Packages shipped by a specific packer

- Manifests for any carrier

- Packages shipped by a specific department

- Freight costs for shipments by department

- Total freight costs over a given period of time by shipper

- And much more!

Additionally, the PSS report generator will enable you to create custom reports based on any information in the PSS database.

Customer Service

Customer service will be the difference between satisfying and losing a customer in this business climate. With PSS you get all of the tools you need to answer your customers' parcel status questions accurately and speedily. PSS eliminates shipping errors, one of the primary causes of friction in a vendor / customer relationship. Next, by emailing ship notifications that your customer can easily use to track your shipments, you reduce the number of customer service inquires. This proactive one-two approach will give your customers only one reason to call - to place new orders!

PSS will instantaneously provide up-to-date information to help you better serve your customers. Order entry can select carriers and quote shipping charges. Your customer service department knows immediately when a shipment has been processed, what was shipped and by which carrier. They can answer incoming inquiries about the status of any parcel. Yesterday's shipments can be looked up just as easily as those made months and years ago.

PSS is marketed using three base packages. The marketing packages were defined based upon common configuration requests made by our customers and business partners.

PSS Base System - Package A
Package A has been PSS's base package since 1986. Additional software options, small parcel carriers and LTL carriers may be added to Package A during the initial installation or anytime afterwards. The software options, small parcel carriers and LTL carrier software may be provided electronically. This allows PSS customers maximum flexibility.

Includes:

UPS Package Basic Services
Ground Commercial, Ground Residential, Next Day Air, Next Day Air Early AM, Next Day Air Saver, 2nd Day Air AM, 2nd Day Air, 3 Day Select, Canada Standard, Express and Expedited, Worldwide Express and Expedited, Electronic & Paper CODs, Oversize, Insurance, Call Tag, Saturday Delivery, 150 lb. rate table.

   Includes:
   - UPS Host Manifest Upload (HMU) or UPS WorldShip Import Interface
   - An approved domestic and international UPS label

USPS package basic services
Express Mail Next Day, 1st Class, Priority, Bulk Standard (A) (3rd Class), Parcel Post, Certified, COD, Return Receipt, Registered, Special Delivery, Special Handling, Oversize, Insurance

One Rating Station license

Comprehensive user documentation provided in electronic form

PSS Base System - Package B
Package B bundles a combination of small parcel carriers with a generous optional software suite. This bundle satisfies the requirements of an average PSS customer. This package will generate a 30% savings when compared to Package A sold with the same options as additions. It is perfect for a larger shipper with multiple local or remote warehouses.

Includes:

Package A

Two additional Rating Station Licenses

Your choice of one additional small parcel carrier including:

Express

Ground

A generous suite of software options

PSS Base System - Package C

This package was developed to cost-justify the purchase of PSS to a customer who ships UPS only. This package includes our audit option which when combined with the interface easily justifies the switching from the free UPS offering. This package may be upgraded to a multi-carrier PSS system.

Includes:

UPS Package Basic Services
Ground Commercial, Ground Residential, Next Day Air, Next Day Air Early AM, Next Day Air Saver, 2nd Day Air AM, 2nd Day Air, 3 Day Select, Canada Standard, Express and Expedited, Worldwide Express and Expedited, Electronic & Paper CODs, Oversize, Insurance, Call Tag, Saturday Delivery, 150 lb. rate table.

UPS Host Manifest Upload (HMU) or UPS WorldShip Import Interface

An approved domestic and international UPS label

UPS HMU Certification Process

One Rating Station license

One PSS Telnet License

Comprehensive user documentation provided in electronic form

Many software options are available for the SCI PARCEL SHIPPING SYSTEM (PSS) to allow you to configure your System to your company's needs. These options may be purchased with the initial PSS system or added anytime thereafter, so PSS can change as your company changes. Overviews of some of the options follow:

Level II Interface

PSS uses this interface, which includes a user-modifiable program, to allow direct access to and from your data files. Shipping information such as the consignee's name, address, and method of shipment can be retrieved from your main system (ex. customer or order files). The same interface is used to allow you to update your main system with the PSS shipping information (ex. update your invoice with the freight charge and date shipped). There are various times throughout the processing of shipments that PSS will turn control over to the interface program. These "hooks" allow you to customize and automate the way PSS interacts with your users.

Notes: SCI can customize the interface to interact with your application programs

Bill of Lading Print

You can have PSS print Bills of Lading instead of having them typed manually. The user modifiable print program is set to print on a standard Rapid Forms Bill of Lading, and can easily be modified to print on any custom designed form. The print program will also create a Consolidated Bill of Lading if the Box Consolidation Option is licensed.

Bar Code Reading Module

For increased speed and accuracy, PSS can interpret one scanned bar code from your document (ex. picking ticket, order form) to obtain information that would otherwise have to be entered in four different places (company #, invoice / order / pick-slip #, shipment #, and box #). This provides PSS with the information it needs to identify the shipment and proceed directly into the box processing stage. The user-modifiable program reduces the likelihood that you will need to make any changes to your bar code.

COD Tag Print

The COD tag option prints approved UPS and FedEx Ground tags. A user can modify the source program provided to print for any other carrier as needed. You are required to print tags if you are not uploading to UPS or if you are shipping via FedEx Ground. This option is not needed for FedEx Express or Airborne. The COD Tags are printed as the box is processed, which allows the tag to be applied to the appropriate box.

Handling Charge Option

The handling charge option gives you the ability to automatically include a handling charge in your shipping charges. The handling charge can be set up by parcel or by order and can be overridden by the operator if needed (and if you allow it). This user-modifiable program enables you to make even more

handling charge decisions automatically when the shipment is actually being processed. For example, you can base the handling charge on the customer or order total.

Hazardous Materials
In order to identify boxes with hazardous materials, this option allows you to maintain a library of hazardous codes and then assign the codes to the necessary boxes. An approved UPS hazardous label can be printed. A user can modify the source program provided to print a custom hazardous label as needed.

Notes:
This option may be used for shipments by FedEx, Airborne and UPS.

Zone Skip Option
Zone skipping is a technique used to reduce shipping costs for large volume shippers. Centralized shipping points across the country are set up as warehouses. PSS will then choose as an origin point for your shipment the warehouse from which it costs the least to ship a package to its destination. Typically, an LTL carrier is used to move your packages in bulk to the selected shipping point, from which a small parcel carrier delivers the packages to your customers. The idea behind Zone Skip is that it is less expensive to deliver your packages to one or more centrally located shipping points and have a small parcel carrier complete the delivery process rather than utilizing a small parcel carrier alone for the entire process. The Zone Skip Option is available for ground shipments only.

Notes:
Least Cost calculation is disabled for each package designated as zone skip.

PSS will not compare zone skip packages between different carriers.

Each warehouse designated as a zone-skip warehouse must be commissioned with UPS and will require a separate PLD to be uploaded at the end of the day.

Picker Identification
You can monitor the employees involved with the shipping process by assigning them identifying codes. PSS will then prompt for the employee code to associate with the boxes for tracking the picker of the boxes. A library to enter and maintain the codes is provided as well as reports to show what boxes each employee picked.

Packer Identification
You can monitor the employees involved with the shipping process by assigning them identifying codes. PSS will then prompt for the employee code to associate with the boxes for tracking the packer of the boxes. A library to enter and maintain the codes is provided as well as reports to show what boxes each employee packed.

Shipper Identification
You can monitor the employees involved with the shipping process by assigning them identifying codes. PSS will then prompt for the employee code to associate with the boxes for tracking the shipper of the boxes. A library to enter and maintain the codes is provided as well as reports to show what boxes each employee shipped.

SWOG - Shipped With Other Goods
There are instances where you may be shipping multiple invoices (orders) as one shipment. To accommodate this, this option allows you to enter the associated invoices (orders) into the main shipment. PSS then maintains a cross-reference so that historical information can be called up by entering either the

main invoice number (order number) or the SWOG'ed invoices (orders). A user-modifiable program allows the SWOG'ed invoices (orders) to be verified as they are entered.

Box Consolidation Program for LTL Shipments
(Packing Station(s) Required)
After a box has been packed and sealed at the packing station and the contents have been identified, a bar-coded box label will be generated containing the packing list number and a box number. The box will then be moved to an area where this box will be consolidated with others going to the same destination. When the box consolidation program is executed, the operator will open a new consolidating manifest record, scan all of the boxes into a larger box until that larger box is full. This process is repeated until all boxes are scanned into the consolidation manifest record. PSS will know that the resulting boxes are the result of consolidation. PSS will verify that all of the boxes being consolidated have the same ship-to and ship-via. A box label will be printed for each consolidated box. After the consolidated boxes are weighed and rated, PSS will apportion the weight and freight charges to the individual boxes equally based on the number of consolidated boxes.

Serial, Lot, or Batch Number Capture
Allows packer to capture and/or verify serial numbers, lot numbers, or batch numbers during the packing process, and pass back to host.

Autocalc
Autocalc allows thousands, of shipments to be processed in just minutes. If you have a group of packages with predetermined weights that need to be shipped on the same day, there is no need to pass each box over the scale for processing. Using the known weights, PSS can rate shipments in a batch mode without tying up warehouse personnel or any weighing stations. Insurance, COD's, and any other accessorial services can also be included in the rating of these packages. The end result of this procedure is the same as if each package had been passed over the scale. The packages will appear on the day's manifests/reports and any interface into your own data files will be updated. The use of the Autocalc feature can be inserted into your own menuing system or run from TCL.

RF Picking Interface
PSS uses this interface, which includes a user-modifiable program, to allow direct access to and from your data files. Picking information such as the bin location, part description and quantity to pick can be retrieved from your main system (ex. SKU or order files). A file of picked, verified and counted SKUs is written upon completion, which can control the packing process. License plate labels can be generated for pallet picking.

Notes: SCI can customize the interface to interact with your application programs.

Third Party Insurance
This option is useful for customers that either use a third party to insure their shipments or that self-insure. Based on the details of the contract signed with the third-party insurer, or your own in-house insurance parameters, insurance charges will not be included on the UPS Manifests. Thus you will not be billed for them by UPS. At any time, you can run the included report to see your savings in insurance costs. This report has been approved by some third-party insurers to be used as their invoice to you; therefore you can simply print the report and mail it to them with a check.

Least-Cost-Carrier
By setting parameters within PSS, you can have the Rating Station automatically select the least costly shipping method from amongst a group of services pre-defined by you. PSS can constantly update the

least cost carrier as boxes are added, or the user can have PSS do the comparison on demand. This feature can easily be enabled and disabled programmatically via the Level II Interface.

External Rating Screen Access

External Rating Screen Access allows the PSS Shipment Rating Station screen to be called by any user-written application. For example, this option can be integrated into your release confirmation program so shipping can follow picking adjustments or it can be integrated into customer service software to allow the operators to check on the shipping information for a particular invoice. This option relieves the user of the necessity of writing a shipping inquiry screen and prevents operators from having to log off and onto PSS to check the shipping data. Included with this option are the parameters for calling a subroutine that will call the PSS rating screen and then return control to the calling program.

User Rating Routine

The User Rating Routine provides you with the ability to calculate the complete shipping charges for a particular shipment from any user-written application. For example, you can use this routine with your order entry process to estimate freight charges for quoting customers. Insurance, COD's, and any other accessorial services can also be included in the rating of these packages. You simply call the rating routine by using the included parameters and the rating results are returned for you to use or display. There is also a rate quoting screen provided that allows you to quote freight charges without having to implement any subroutine calling. (No Rating Station License Required)

Manual Entry – Ship to Database

This option allows for the entry and maintenance of a stand-alone ship-to database that is integrated with the PSS rating & packing screens. When shipping a parcel that does not have a customer order associated with it (manual entry), this option will save time and eliminate errors. By using "S" as an order number, PSS will bring the user into the ship-to database program. The ship-to can be cross-referenced by entering part of the name or filed as a new ship-to for future re-use.

Zip Code Verification

This option will verify that the zip code used in a shipment is valid and that it matches the city and state entered. If PSS senses a mismatch or invalid zip code, the user will be warned and allowed to easily correct the data. Included with this option is a data base which can be used by your other software applications and which contains the cities, preferred city (if more then one) and state for more then 42,000 zip codes in the continental US, Alaska, Hawaii and Puerto Rico.

This database is available to any other application on your system. You may use the database to verify name and address information in order entry.

Invoice Freight Charge Option

This option will allow a user to override the calculated freight charge for billing purposes. The entered data is stored in a separate data field for future comparison. A password is required.

Packing List Print

This option will print a packing list at the packing station reflecting the items packed. The Level II interface must be modified to accommodate this ability. The print program is user modifiable. Must have packing station license(s)

Internet Access Module

The E-mail Shipment Notification Option will E-mail an HTML formatted shipment notification similar to the one pictured below. E-mail will be sent if a recipient email address was provided through the Level II Interface. The E-mail shipment notification processor may be initiated either manually by menu selection or automatically by the end-of-day process. Upon receipt of the E-mail notification, your customer need only open the email and click on the hyper linked tracking number to display the internet tracking Web site of the delivering carrier.

This is a screen shot of the contents of my browser after I clicked on the hyper link above. Your customer will be able to track all of the shipments made by PSS.

Delivery Confirmation Option

This option will give you the ability to obtain delivery information from the internet for packages delivered by FedEx (Express & Ground), Airborne and UPS. Each PSS Rating Station using PSS Telnet will provide immediate delivery status on an individual shipment. The batch process, which can be run on demand, will submit every undelivered shipment and return the time and date of delivery and who signed for it. The batch process also includes a call to the Level II Interface program so that information retrieved from the internet can be written back to your database. As an added convenience, the batch process may be called by the end-of-day update process for each supported carrier.

Auditing Option

This option includes three tracking and auditing reports, each of which is run for a range of shipping dates. The first is a performance report that will identify all shipments, their tracking numbers, and if delivered the date and time they were delivered. Where carrier performance guarantees exist, the report will also include the number of days a shipment was late and the credit due for freight charges. The second report

will generate the same information but only those shipments that have been delivered. The third audit report will print information only for those shipments that were delivered late based on the carrier performance guarantees. If the start and end date of the audit report matches the service start and end date on your carrier's bill, the report can be used as a credit memo for late shipments to offset the carrier's invoice. The credit report will print the tracking number, ship-to address, service (next day, ground, etc.) date and time delivered, the number of days a shipment was late and the credit due for freight charges.

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12:38:49  02 Oct 2002                                                              PAGE NUMBER:  1

                              UPS TRACKING / AUDIT REPORT

           COMPANY 01 - PSS TRACKING TEST ACCOUNT     WAREHOUSE 1 - SARASOTA FL 34243

              LATE SHIPMENTS WITH SHIP DATES FROM 09/16/2002 THRU 09/30/2002

ORDER#    CONSIGNEE NAME/ADDRESS      VIA   BOX  TRACKING #        SHIPPED   DELV'D    TIME    LATE BY     CREDIT

2086630   HYDROTECH INCORPPORATED     UPS1   1  1ZE325260110105110 09/18/02  09/23/02  09:15   2 DAYS       83.12
          10052 COMMERCE PARK DRIVE
          Cincinnati OH 45246

3086462   HYDRA-POWER SYS., INC.      UPSC   1  1ZE325260310975614 09/19/02  09/30/02  09:00   1 DAY        20.36
          5445 N.E. 122nd
          Portland OR 97230

1086148   LATHAM MARINE INC.          UPSC   1  123449080310976130 09/24/02  09/28/02  13:04   3 DAYS        8.83
          280 S.W. 32ND COURT         UPSC   2  123449080310976149 09/24/02  09/28/02  13:04   3 DAYS       41.69
          FT. LAUDERDALE FL 33315

1088376   REYNOLDS INTERNATIONAL INC. UPS1   1  123449080110105815 09/24/02  09/25/02  10:52   22 MINUTES   107.80
          5000 N. 29TH
          MCALLEN TX 78504

TOTAL CREDIT DUE FROM UPS FOR LATE DELIVERIES                                                              261.80
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Note: There is no guarantee that you will obtain credit from any carrier based upon information provided by this option

Time in Transit Option - Available October 2002
This option will obtain time-in-transit information and build a database of shipment performance by carrier based upon your actual delivery experience. The PSS rating engine will not only compare carriers for best rates but will also compare performance data. This performance information will also be passed to the external rating routine so the same decision making data is available at order entry.

File Transfer Option - Available October 2002
This option will direct the end-of-day manifest file from your host computer to a network file and then FTP the file to Airborne, USPS or FedEx Ground (RPS) without additional scripts or intervention.

The station processing the Accounting Package requires a PSS Telnet License and an internet connection.

PARCEL SHIPPING SYSTEM

parcelshippingsystem.com   Intelligent Parcel Management

Hardware Options

The following hardware has been tested and certified to work with the Parcel Shipping System. PSS can accommodate many other manufactures products. If you own hardware that is not listed below and would like to know if it will work with PSS please ask.

PSS-300 Scale Set (300lb; 18"X18"; LFT; RS232; to 19200; PSS drivers)
(shown with optional roller ball top)

PSS-150 Scale Set (150lb; 13"X13"; LFT; RS232; to 19200; PSS drivers)
Not shown with optional roller ball top

5,000 and 10,000 pound pallet scales are available for your LTL pallet shipments. These scales will automatically return the pallet weight to PSS. Durable platform design withstands forklift traffic. 200% overload capacity, 100% end-load capacity. Sum capacity pf load cells is twice scale capacity. Easy to install. Levels with lugs (no shimming). Easy to relocate. Install above of below ground. Shown above with optional fork lift ramps.

The Datamax E-4204 printer offers more speed and more label capacity for demanding sub-industrial printer applications. The power supply on the E-4204 allows print speeds of up to 4 inches per second. The printer's body has been designed to accommodate label or tag stock rolls up to 5 inches in diameter. PSS drivers are included with the printer.

"I NEED A PRINTER THAT WORKS AS HARD AS I DO"

I-CLASS™
The industrial Printer
Innovative : Tough : Reliable

The Datamax I-Class printer line is the most comprehensive, cost-effective industrial label printing solution available in the thermal printer marketplace today and will continue to provide the same exceptional value into the future. The I-Class Family currently consists of the I-4208, I-4210 and I-4212. I-Class printers are available with a printhead resolution of 203 dots per inch and print speeds from 8 to 12 inches per second. I-Class accessories are field installable and removable, increasing the utility of your technology investment, and most enhancement options are simply plugged into the printer's rear card cage. All I-Class printers feature the same innovative design incorporating scalability into a rugged structure that ultimately creates a versatile, powerful label printing tool. With the most standard memory and a vast number of available configurations, the I-Class has emerged as the printer of choice for large, multinational operations. However, the remarkably sophisticated design and its resulting ease-of-use make the I-Class the product of choice among facilities of all sizes in all parts of the world where performance and value are not simply marketing buzzwords.

The C-650 Document Printer is designed for thick form and small form printing, making it the perfect printer for COD tags and LTL forms. The unique flatbed design with straight through paper path ensures exact print registration on the first copy as well as the last and eliminates any possibility of paper jams.

Tri-Trak tractor shuttle system allow three forms to be loaded at all times - making changeover as easy as a push of a button or a computer command. With an optional Forms Cutter, totally unattended printing of three different forms is possible. The Tri-Trak feature helps save you time and money by eliminating downtime for forms changeover. It's also an economical alternative to the costly process of dedicating printers to individual forms.

We recommend Tally matrix printers for printing bills of lading and other similar forms were only one form is needed. These printers can print 80 columns or 132 columns at 400 cps. The 24 wire hard metal head produce true letter quality for text and 15 industry standard bar codes - including POSTNET. Whether the demand is for 1 part or 6 part forms the result is no stops, no jams and no errors. We have found Tally printers to be both sturdy and reliable.

Symbol's LS4208 handheld laser scanner accelerates throughput with breakthrough productivity-enhancing features, including continuous one-pass scanning. It also offers features not found in other available scanners: innovative multi-line rastering scan pattern, wide working range and superior motion tolerance. Available in black or white.

Additional benefits:

- Rapidly scans all types of one-dimensional (1D) bar codes, including damaged symbols or stacked symbology (RSS) bar codes
- Minimizes need for manual data entry
- Optional Intellistand automatically transitions between handheld and presentation scan modes to accommodate large or bulky items
- Multiple on-board interfaces and universal cables allow use with different host systems
- Supports reduced space symbology (RSS) to ensure compatibility with emerging standards

The P370 cordless, rugged scanner collects data freely throughout your industrial facility.
Additional benefits:

- Provides flexibility for real-time bar code collection, with point-to-point radio frequency technology (RF) for improved accuracy in data transmission — even without being cabled
- Award-winning, forward-scanning pistol grip design minimizes fatigue in scan-intensive applications
- IP54-rated sealing keeps out moisture and dust
- Enables operators to work within a 150-foot range, going far beyond the 6-foot corded device range
- With the keyboard and display screen, enables operators to scan bar code data, as well as confirm bar code data at the warehouse shelf, and reduce time spent back at a PC re-checking data
- Allows you the option to easily and affordably integrate your new RFID system with all of your existing systems using Symbol's wireless infrastructure

PSS will prepare and process packages for shipment by the major small parcel carriers as well as many regional carriers and messenger services. PSS will rate shop amongst all of the carriers configured in your system to return the best price.

Express

Domestic Module

- First Overnight
- Priority
- Standard
- 2nd Day
- Saver 3rd Day

International Module

- Priority
- Economy

USA Airbill

The FedEx USA Airbill is printed by an optional, user-modifiable program which will print the form as it appears below. Should FedEx change the form, the program can easily be modified by you or by SCI.
Note: The FedEx USA Airbill should only be printed by PSS if you are not using either the FedEx NT Server or PowerShip Interface.

International Air Waybill

Tracking numbers must be either entered or scanned from the Waybill. (Not needed if using the PowerShip or Ship Manager Server Interface Module)

Hazardous Materials

In order to identify boxes with hazardous materials, this option allows you to maintain a library of hazardous codes and then assign the codes to the necessary boxes. An approved UPS hazardous label can be printed. A user can modify the source program provided to print a custom hazardous label as needed.

Notes:
This option may be used for shipments by FedEx, Airborne and UPS.

PowerShip Interface

(Replaced by the Ship Manager Server Interface)
PSS has the ability to communicate bi-directionally with the Federal Express PowerShip Passport system. PSS will send package information (e.g. name and address, weight, COD amount) to PowerShip. PowerShip will then print a FedEx thermal shipping/tracking label, print an entry on its transactional report, and return the tracking number to PSS. You eliminate having to fill out a FedEx airbill and manually re-keying FedEx shipments into the PowerShip system.

The PowerShip system will rate your packages using the rates you have negotiated with FedEx. Of course, different rates can be maintained on the PSS system that can be used when billing your customers. The shipment information transferred from PSS to PowerShip is uploaded daily by PowerShip to FedEx for tracking and billing purposes. This option includes a user-modifiable program that allows you to control what information is passed to the FedEx computer.

FedEx Ship Manager Server Interface

PSS has the ability to communicate bi-directionally with the FedEx Ship Manager Server system. PSS will send package information (e.g. name and address, weight, COD amount, etc). to the FedEx server which will then print a FedEx shipping/tracking label, print an entry on its transactional report, and return the

tracking number to PSS. You eliminate having to prepare a FedEx airbill and manually key in shipping information into the Ship Manager Server system.

The Ship Manager Server system will rate and bill you for your packages using the rates you have negotiated with FedEx. At your option, the same or different rates can be maintained on the PSS system that can be used when billing back your customers. The shipment information transferred from PSS to the Ship Manager Server is uploaded daily by Ship Manager Server to FedEx for tracking and billing purposes. This option includes a user-modifiable program that allows you to control what information is passed to the FedEx computer. An internal shipping manifest may be printed at the end-of-day.

Software Co-op, Inc.
1284 North Broad Street
Hillside, NJ 07205

System #61959/FXRS0565
SHIP DATE: 02SEP2002
ACTUAL WGT: 50 LBS

FedEx

FedEx Revenue Barcode

TO: JIM WILLIS
    HELFRICH CORP.
    27 NORTHRUP AVENUE

    ATLANTA, GA 30052

(404) 232 1212

REF: M0276301*01*1

Delivery Address Barcode (FedEx EDR)

PRIORITY OVERNIGHT
System # 61959   02SEP2002

TRK # 4012 0276 2415 FORM 0201

MON
Deliver by
08JUL02

30052 -GA-US
RES

ATL
T8 SSIA

AA

Track: 4012 0276 2415
Mode: FedEx PRIORITY OVERNIGHT

 Formally
Ground

Domestic & Canada Ground Module

FedEx Ground Approved Shipping Label Print
The Label Print option is used to print FedEx Ground shipping labels to be applied to the boxes being packed or rated. Tracking numbers are generated and the labels are printed as the box is processed so that there is no confusion as to which box of the shipment the label belongs on.

SOFTWARE CO-OP INC
1284 NO BROAD STREET
HILLSIDE NJ 07205

TO: SHIPPING AND RECEIVING
      XYZ BUILDING SUPPLY COMPANY
      VALLEY INDUSTRIAL PARK
      5000 LA CIENAGA BOULEVARD
      BEVERLY HILLS CA 90210

SHIP TO
CODE (420)   90210

SOFTWARE CO-OP INC   07205

(9611019)   0930736   12344753
GND   019
PREPAID   FedEx
Order: 100123

COD Tag Print

The COD tag option prints approved UPS and FedEx Ground tags. A user can modify the source program provided to print for any other carrier as needed. You are required to print tags if you are not uploading to UPS or if you are shipping via FedEx Ground. This option is not needed for FedEx Express or Airborne. The COD Tags are printed as the box is processed, which allows the tag to be applied to the appropriate box.

Multi-Weight

For customers that ship using the FedEx Ground Multiweight service, this option allows shipments to be rated using the Multiweight rates. FedEx Ground Multiweight rating uses the total weight of all the boxes in a shipment going to a particular consignee to determine the rate, as opposed to weighing and rating each box separately.

Approved Manifest

For customers that ship via FedEx Ground, PSS can produce a FedEx Ground approved manifest. The manifest can be used by FedEx Ground as your billing document, easily allowing you to verify your FedEx Ground payments

Hazardous Materials

In order to identify boxes with hazardous materials, this option allows you to maintain a library of hazardous codes and then assign the codes to the necessary boxes. An approved UPS hazardous label can be printed. A user can modify the source program provided to print a custom hazardous label as needed.

Notes:
This option may be used for shipments by FedEx, Airborne and UPS.

FedEx Home Delivery

FedEx Home Delivery allows shippers to utilize FedEx Ground services to deliver packages to residential addresses within the continental United States. Delivery hours are 9:00 a.m. to 8:00 p.m., Monday through Friday and packages must not exceed 70 pounds in weight.

Includes:

- Special Label
- Special Manifest

Electronic Upload - E-PDI Interface

This option will cause PSS to generate a flat file after the generation of a FedEx Ground Manifest. The flat file is in the format required by the FedEx Ground PDI system and contains package information (e.g. name and address, weight, COD amount). This option will eliminate the Scanning, Weighing, and Keying (SWAK) procedure required by the FedEx Ground standalone system.

This option includes a user-modifiable program that allows you to control how the flat file is moved so it may be transferred daily to FedEx Ground for tracking and billing purposes using email, FTP or FedEx Ground's EPDITRAN software on a PC. FedEx Ground will rate your packages using your negotiated rates. Of course, different rates can be maintained on the PSS system that can be used when billing your customers.

UNITED STATES POSTAL SERVICE

Basic Services

- Express Mail Next Day

- 1st Class

- Priority

- Bulk Standard (A)(3rd Class)

- Parcel Post

- Certified

- COD

- Return Receipt

- Registered

- Special Delivery

- Special Handling

- Oversized

- Insurance

Single-Piece Mixed Classes Manifest (Domestic Only)

- Priority

- 1st

- Standard (A) & (B) (3rd & 4th Classes)

PSS can produce a USPS approved manifest for the above services. Rate tapes would no longer need to be affixed to each package as the manifest is used by the post office as the basis for calculating the postage.

Bulk Standard (A) (3rd Class) Manifest (Piece/Pound Machinable Parcels)
PSS can produce a USPS approved manifest for this service. Rate tapes would no longer need to be affixed to each package as the manifest is used by the post office as the basis for calculating the postage.

International Parcel Consignment Service (IPCS) Manifest
PSS can produce a USPS approved manifest for this service. Rate tapes would no longer need to be affixed to each package as the manifest is used by the post office as the basis for calculating the postage

Special Standard (4th Class) and Library Mail

International Parcel Post

- Parcel Post Surface and Air
- Packet & Book Surface & Air
- Letter Air Book

Domestic Airbill

International Airbill

Postage Meter Interface
PSS interfaces with selected Pitney Bowes and Hasler postage meters. This is very useful for customers that ship using parcel post or any other USPS service. Meter strips for the full postage amount are automatically created and printed as the box is processed.

USPS Delivery Confirmation
With this option, you may request Delivery Confirmation for some or all of your USPS shipments. For those shipments selected, you will be able to track delivery (time, date, etc.) on the USPS web site. When Delivery Confirmation is selected, PSS will assign a USPS tracking number and print an approved bar-coded shipping label for each package. At the end of the day when USPS shipments are updated, PSS will prepare an electronic file to be transmitted to the USPS which includes shipments for which Delivery

Confirmation was requested. Also included is a user program that allows you to control how the file is moved so that it can be transferred to the USPS. At present, USPS Delivery Confirmation service is available for Priority Mail, Package Services (Parcel Post) and Standard Mail.

Included: Approved USPS Label

Basic Services

- Ground Commercial & Residential
- Next Day Air
- Next Day Air Early AM
- Next Day Air Saver
- 2nd Day Air AM
- 2nd Day Air
- 3 Day Select
- Canada Transborder (ground)
- Worldwide Express & Expedited
- Electronic & Paper CODs, Oversized
- Insurance
- Call Tag
- Saturday Delivery
- 150lb Rate Table

UPS Host Manifest Upload Option - Version 7
This option prepares an electronic version of the manifest to be transmitted to UPS via the internet using your browser.

Included:

- Host Computer Interface Software.
- Prepared file ready for transport.
- A user routine that will facilitate moving the prepared file to a final transport location. Customer is responsible for the transfer of Prepared Data to UPS through its WEB facility.
- Electronic COD tags
- End-of-Day UPS Summary Label

UPS WorldShip Import Interface Option
This option prepares an electronic version of the manifest to be transmitted to UPS through WorldShip's Import function.

Included:

- Host Computer Interface Software.
- ODBC map.
- A user routine that will facilitate moving the prepared file to a final transport location or allows and FTP script to move the prepared file. Customer is responsible for the transfer of Prepared Data from the host to the PC.
- Electronic COD tags

Note:
UPS controls access to their data center. SCI is not responsible for communications interruptions caused by UPS policy or specifications changes.

Hundredweight
For customers that ship using the UPS Hundredweight services, this option allows shipments to be rated using the Hundredweight rates. UPS Hundredweight rating uses the total weight of all the boxes in a shipment going to a particular consignee to determine the rate, as opposed to weighing and rating each box separately.

Services Provided:

- Ground Commercial
- Ground Residential
- Next Day Air
- Next Day Air Saver
- 2nd Day Air AM
- 2nd Day Air
- 3 Day Select

Includes separate approved Manifest

UPS Approved Shipping Label

UPS Hot (Transactional) Standard Manifest

PSS will print complete UPS manifests on demand. This option allows users to print the standard UPS manifest as each box is processed.

Hazardous Materials

In order to identify boxes with hazardous materials, this option allows you to maintain a library of hazardous codes and then assign the codes to the necessary boxes. An approved UPS hazardous label can be printed. A user can modify the source program provided to print a custom hazardous label as needed.

Notes:
This option may be used for shipments by FedEx, Airborne and UPS.

Domestic Next Day

International Document

International Package

AIRBORNE EXPRESS

Domestic Express

- Next Day
- Next Afternoon
- 2nd Day
- Ground

Domestic / International Airbill

Approved Express Shipping Label
(Requires Airborne EDI Option)

Air Express – International

Hazardous Materials
In order to identify boxes with hazardous materials, this option allows you to maintain a library of hazardous codes and then assign the codes to the necessary boxes. An approved UPS hazardous label can be printed. A user can modify the source program provided to print a custom hazardous label as needed.

Notes:
This option may be used for shipments by FedEx, Airborne and UPS

Airborne@Home Residential Ground
Airborne Express will pick up your packages at your warehouse and deliver them to the Post Office responsible for deliveries to the zip code to which you are shipping. The Post Office will then complete the process and deliver the packages to their final destinations. If a package is flagged for USPS Delivery Confirmation, you can use the PSS generated tracking number to track delivery status on either the Airborne or USPS web site. If you do not select Delivery Confirmation, you can track package delivery status on the Airborne web site only until Airborne has delivered the package to the delivering post office.

Includes:
Approved @Home Shipping Label
Manifests & Upload option
Database of delivering Post Offices in the US (approximately 31,000)

Notes:

Airborne controls access to their data center. SCI is not responsible for communications interruptions caused by Airborne policy or specifications changes.

Manifests & Upload - Quicklink

At the end-of-day, if this option is enabled, PSS will prepare an electronic manifest record for all Airborne services in the format required by Airborne. A user-modifiable program is provided that will move the electronic file to a transport location. A second user-source program provides an outline script that can be customized to facilitate transport to Airborne's receiving computer for tracking and billing purposes using email or FTP.

Includes:

- Detailed Driver Manifest
- User source program to position the prepared electronic file
- User source program to facilitate the uploading of the prepared electronic file

---

Domestic Next Day

Domestic 2nd Day

Domestic Airbill

Western Parcel Express Ground
Western Parcel Express is a West Coast based small package carrier that uses a zone-based rating system similar to UPS and FedEx Ground.

Includes:
Domestic Package
Hundredweight Rating Modules

Daily Shipping Manifest
At the end of the day, PSS produces an approved shipping manifest which can be used by WPX as a billing document, easily allowing you to keep track of and verify your shipping charges.

Approved Shipping Label

```
SOFTWARE CO-OP INC          WPX SHIPPER NUMBER
1284 NO BROAD STREET           123456
HILLSIDE NJ 07205
                               0000391483

                              08/05/2002

SHIP  RECEIVING DOCK # 23
TO:   CONSOLIDATED INDUSTRIAL SUPPLY
      HIGHLANDS INDUSTRIAL PARK
      5000 LA CIENAGA BOULEVARD
BEVERLY HILLS  CA  90210
```

WPX.STANDARD.GROUND

```
ZZ 123 456 03 1000 0153
```

ORDER : 391483

QuikPak Delivery Service Ground Package

QuikPak Delivery Service is a carrier that picks up and delivers your UPS shipments in bulk to a particular UPS distribution hub. From this point, UPS delivers the packages to your customers, thus allowing you to significantly reduce your freight costs.

Includes:

- Domestic Package and Hundredweight Rating Modules. (Packages are rated using standard UPS rates and zones)
- Modified UPS Shipping Label with tracking number. (Tracking number range must be supplied by QuikPak; user is responsible for any label modifications required by UPS.)
- Approved QuikPak Daily Shipping Manifest. At the end of the day, PSS produces an approved shipping manifest which can be used by QuikPak as a billing document, easily allowing you to keep track of and verify your shipping charges.

Note: QuikPak Delivery Service is essentially an arrangement between UPS and QuikPak.

Rated LTL & Local Carriers
This option gives you the ability to enter an unlimited number of individual LTL and local carriers of your own into PSS. It includes all of the file structures that PSS uses to rate the carriers and then make them available for shipment processing, just like any other rated carrier. All you need to do is get rate data from the carriers or motor freight bureaus and convert it into the provided PSS file structures.

Just To Name A few

Consulting - We are experts in shipping and warehouse automation. We can provide consulting services in these areas that can not only enhance your productivity, but also can give you real savings in freight costs.

Telephone Support
Available from 8:00 am to 6:00 pm EST -908-355-7700

Premium Software Service
The PSS Premium Software Agreement provides for first priority service. This means that your service request will be handled before all others. The only exception is another Premium customer who placed a service call before you.

In addition to all of the services provided with a Standard Software Agreement, the Premium Agreement also includes the following services:

- PSS Upgrades are installed
- Unlimited phone support
- One hour of free programming support per month

Standard Software Service

The PSS Standard Software Agreement provides for priority service. This means that your service request will be handled before all others without a Standard Software Agreement.

The following is an abbreviated list of the services provided:

- PSS Upgrades are provided for download
- Extended warranty on the PSS software
- One hour of phone support
- A reduced T&M billing rate is provided
- One hour of phone support
- Minimum charges are waived

Carrier Rates Support

Rate tables are available for download if you subscribe to our Annual Rate Maintenance program. With this program, you will be notified via email as soon as we post revised carrier rates on our site.

With PSS you have the ability to maintain all carrier rates manually so this service is provided solely for your convenience.

SCI provides rate maintenance services for the following carriers

SCI does not provided rate maintenance for LTL or messenger services

Hardware Support

SCI Maintenance Company, our sister company, provides an "Overnight Replacement Service" maintenance plan. This service is available for all hardware components provided by us. With this plan, any component that fails will be replaced within 24 hours. Onsite maintenance for many locations as well as depot repair service are also available.

USPS Zip/ Address Maintenance Service

Semi-annual updates to the USPS ZIP code file are available for download if you subscribe to our Annual USPS Zip Maintenance program. You will be notified via email as soon as we post the latest USPS ZIP code file on our site.

The following is an abbreviated list of the services provided:

- Semi-annual updates are available for download

- The Zip Code Verification Option is added
- The database contains cities and states for more then 42,000 ZIP codes in the continental US, Alaska, Hawaii and Puerto Rico.
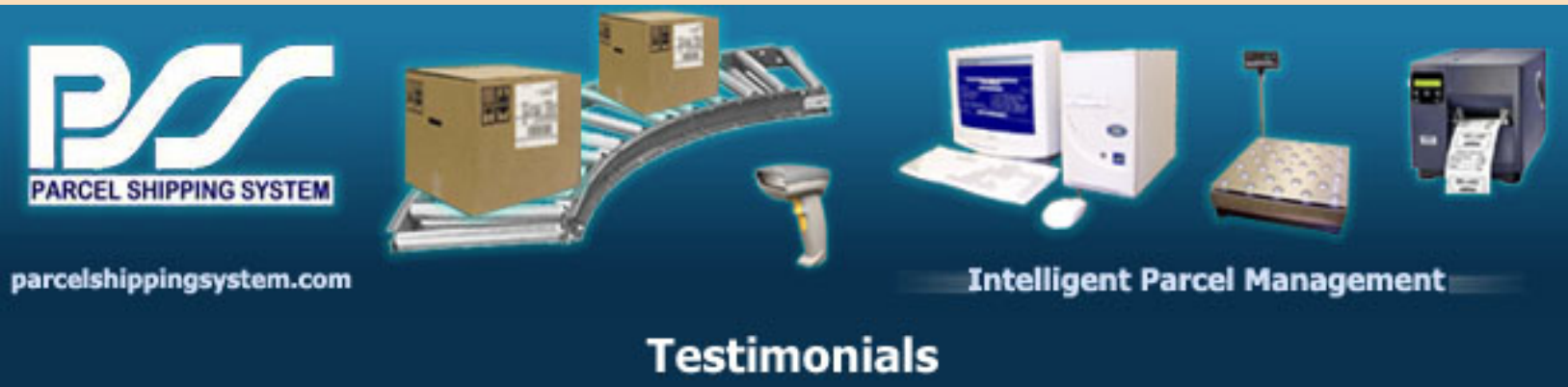
REPLACING COMPETITOR'S SOLUTIONS WITH PSS

As a sporting goods manufacturer with multiple product lines and both mass merchant and individual distributors as customers, we have a wide variety of shipping scenarios and business rules. **When we implemented our new ERP system, we attempted to integrate an existing Kewill application. After a full year of extraordinarily complicated daily processing and multi-platform integration hiccups, we turned to SCI (Software Co-Op).** The SCI staff was able to quickly understand our requirements and provide a flexible yet stable interface. Our shipping application now resides on the same system as our order-fulfillment application, and shares the same database. Our integration issues have disappeared and we can focus more energy on shipping product to our customers. I would gladly recommend the Parcel Shipping System as a viable alternative.

--- Kim Allison - Vice President of Information Systems

We sell garments for the junior and "tween" markets. Our distribution center in New Jersey services more than 500 stores, primarily in shopping malls around the country and in the Caribbean. We ship in excess of 4,000 parcels per day in our busy season and each of our shipping lanes is able to process parcels to be shipped through the major small parcel or LTL carriers.

Our shipping requirements and business rules are very complicated, and we were particularly impressed by Software Co-Op's (SCI) ability to quickly and completely understand our operation. The staff at SCI are not only shipping system experts but they are application and integration experts. Our order processing application resides on a UNIX host located in our corporate office and our distribution center processes those orders through an interface with our host. **Kewill was unable to complete in 2 years what SCI completed in 3 months.** Needless to say, I can recommend the Parcel Shipping System and the staff at SCI.

--- Steve Paruolo - VP and Distribution Director

PSS Telnet

We installed PSS Telnet under crisis conditions and found the software to work exactly as promised. Our shipping department used dumb terminals and port controllers previous to switching to PSS Telnet and the difference is like night and day. The shipping clerks especially appreciate the ability to set up colors and fonts and that PSS Telnet is very easy to launch using the ICONS toolbar. We were able to connect our existing scales, printers and scanners to PSS Telnet without complication. We plan to use the electronic invoice and email shipment notification features soon. This product will certainly meet our future shipping needs.

--- Pamela Friedman - Controller

Rate Updates

I went to your web-site for the new rates for UPS and FedEx, and I wanted to tell all of you that your instructions were great! I did not have a problem at all while upgrading the new rates. Thank-you for making it so easy.
--- Randi Lundell - Systems Support

Platform Change

PSS has been a workhorse for over ten years. In that time, it has proven its flexibility by accommodating all of our shipping needs, including specialized reporting for our wholesale and dropship customers. After the corporate decision was made to replace our old application running on an IBM RS6000 with AIX O/S and IBM Universe database application, one of our primary requirements was that whatever new system we choose, it must provide all of the functionality of PSS. Fortunately, we learned that PSS was able to read and write directly into various 'relational databases' such as Oracle or DB2. We chose an application system using the Oracle database system running on a Compaq Server running Microsoft Windows 2000 Server. It was chaotic, to say the least, converting and training the staff to use the new application software in the time allotted. Fortunately, our warehouse personnel needed no training at all. SCI programmers mapped our Oracle tables to PSS. I never expected that its flexibility extended to platform and database changes. I thank you, management thanks you, but most of all our shipping department thanks you.
--- Roger Glenfield - MIS Director

UPS Host Manifest Upload (HMU)

The HMU process has been working out great. So far we have had no problems on either side of the process, uploading the PLD file or on the billing side. The best thing is, we quit receiving calls from UPS telling us we need to resend a bunch of days because they never received them!
--- Shawn Butella - Programmer/ Analyst

We are successfully uploading HMU, and have not experienced any errors at all. Everything is working great!
--- Ron Merrell, Programmer/Analyst

General

Any additional support needs have been addressed quickly and cleanly
**--- Paul Gruhn - System Development Manager**

PSS gave us seamless integration with our existing system
PSS allowed us to increase the number of packages we ship daily by 300 percent, without the need for additional resources
--- Tom Gallmeier - Programmer/Analyst

The documentation was very well organized and easily understood
--- Ann Killeen - Director of MIS

Justification
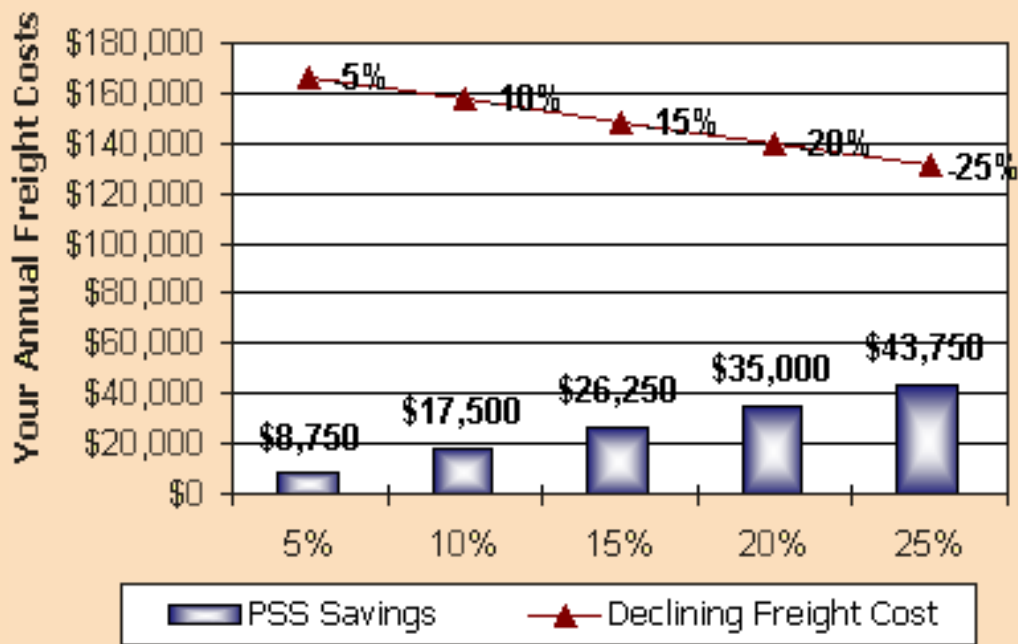
This graph illustrates the savings possible by using PSS. It assumes shipping volume of 100 parcels per day at an average cost of $7.00 per parcel and that you ship 250 days per year.

- See your freight costs drop and your savings increase! Best of all, the more you ship the more you save!

- A PSS user was able to save 30% by moving all 6,000 parcels shipped daily from one carrier to another. A few months later the original carrier offered an additional 10% discount to switch back. A 40% savings for this PSS customer translates into a huge increase in profitability

- The ability to carrier-shop and/or rate-shop can create substantial savings. PSS can divert all or part of your shipping volume from one carrier to another with the flip of a software switch

- PSS can select the least-cost carrier for any given shipment. In many cases your primary carrier is more expensive than others depending upon the weight and ship-to location. You could be saving thousands of dollars per year by rate-shopping with PSS

- PSS will give you the security of knowing that distribution will not be affected by any single freight carrier's labor dispute

- PSS encourages multi-carrier relationships. We believe that you should invite all potential freight carriers to compete for your business
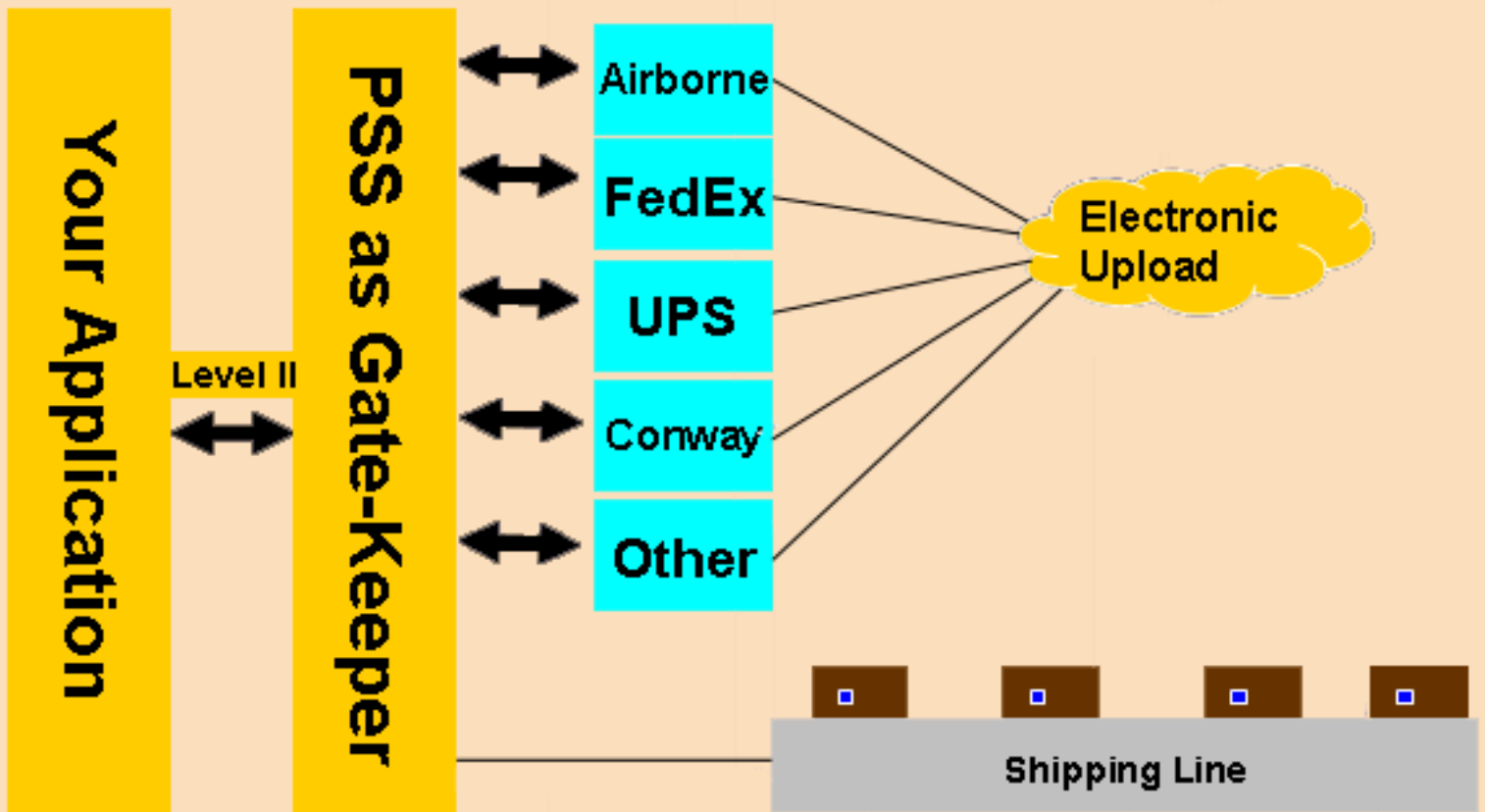
- You can easily justify the cost of PSS!

PSS will allow you to take advantage of the free systems supplied by the large freight carriers with none of the disadvantages.

PSS can be the freight gate-keeper. With the Level II interface insuring data verification and bi-directional communications, PSS will selectively call the free carrier system based upon the ship-via in your customer's order

PSS is the most portable shipping solution available

Hardware	Operating System	Database	Data Access Methods
HP 9000	HP UX	Unidata	SQL
IBM RS6000	AIX	Universe	ODBC
Sun Spark	Solaris	Pick	OLE BD
Data General	DG UX	jBase	ADO
Digital Alpha	Linux	Oracle	JDBC
Any Intel Platform	SCO & UnixWare	SQL Server	XML
	Digital Unix	DB2	
	Motorola SVR4		
	Windows 2000		
	Windows NT		
	Win 95,98,Me,XP		

PSS

PARCEL SHIPPING SYSTEM
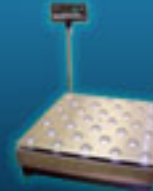
parcelshippingsystem.com

Intelligent Parcel Management

Business Cards

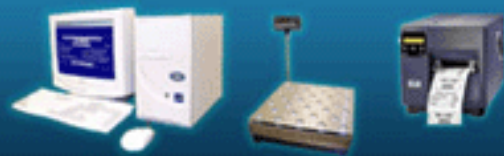**Please feel free to contact us**

Bruce Bender

Senior Account Manager
Sales

1284 North Broad Street
Hillside, NJ 07205
www.ParcelShippingSystem.com

908-355-7700 x16
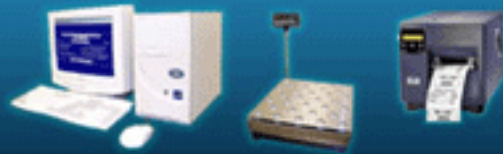908-355-7706 Fax
Bruce@softwarecoop.com

Michael R. Schick

Senior Account Manager
Product Development

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Technical Services

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908-355-7706 Fax
Frank@softwarecoop.com

PSS Demo

If you are interested in an on-line demonstration of the Parcel Shipping System, please call sales at **908-355-7700** to make arrangements.

As long as you have a PC and an Internet connection, you will be able to see PSS in action. If you would like to get a jump on things, download the PSS Telnet software and install it on your PC.

Software Co-Op, Inc.

PSS Telnet

Windows
Sales Demo Version

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Software Co-Op, Inc.
http://www.softwarecoop.com

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