

RECYCLING SOFTWARE FUNCTIONALITY CHECKLIST

Choosing a software system can be a very daunting and complex task. With many different systems out there, it can be hard to recognize and remember the differences. To help with that task, we have put together this list of features to help you compare and keep track of the differences between packages that you are looking at.

At this point in recycling software evolution, many things are a given – connecting directly to a scale, creating a weight ticket or purchase ticket, etc. But there are many parts of your business that not all systems encompass. Any system can do weigh and pay, but can they bring value to your business by reminding your employees about important items like advances, claims, processing charges or equipment rentals? Can they make your life easier by automating reports or processing 1000's of receiving tickets with the click of a single button? Are they nuanced enough to receive material in one way and settle in another while providing proper inventory weights and costing?

This list is meant as a research tool. Use it to compare features between vendors and ask every vendor to actually show you what they can do. Entrust your business to proven and reliable systems backed by professionals who understand and adapt to your business.

ACCOUNTING	ROM
Freight Deductions Automatically added to settlements	✓
Processing Charges Automatically added to settlements	✓
Contamination Charges Automatically added to settlements	✓
Bin Rental or Equipment Charges Automatically added to settlements	✓
Automatically Bill monthly charges separately or include in monthly settlements	✓
Voucher Generator that processes 1000s of receiving tickets in one pass	✓
Integrated Freight Expenses • Factored into Receiving Reports • Factored into Inventory costing, prorated for mixed loads • Vendor bill reconciliation against your transactions • Shipping Expenses added to Gross Margin Calculations • Book expenses from your trucks or 3rd party haulers	✓
Gross Margin with – • Freight • Other expenses • Claims • Supplier deductions • Over/Short Payments • Weight Differences Calculated into COGS	✓
Hedging • Market (LME, Comex, etc.) based pricing • Lock prices for one or multiple loads • Provisional Invoicing • Finalized Settlement Calculation once pricing is locked (invoice, payment or apply to future transactions)	✓
Publication based pricing with multiple calculations	✓
Advances management that reminds users of balances when making transactions	✓
Track Multiple Supplier Advances	✓
ACH Payment File generation for easy uploading to your bank	✓
MICR Check Printing	✓
Positive Pay File generation for easy uploading to your bank	✓
Multiple Currency Support • Reporting systems that convert transactions to the same currency values	✓
Supports all Units of Measure	✓
Transaction weight and price can be in different Units of Measure	✓
Integrated ATM Payment Systems	✓
Recycling Specific Inventory Cost Calculations	✓
Automatic Inventory Shrinkage Deductions	✓
Automatic Inventory Conversions with associated costing	✓

ACCOUNTING	ROM
Post transactions to almost any accounting system	✓
Credit Checking • Stop Orders / contracts before they are created • Stop shipments before they leave the scale • Group Customers together for cumulative credit checking • Credit check against balances, insurance limits and # of days late	✓
Track Our Weights vs. Their Weights vs. Settlement Weights	✓
Pay suppliers off of their weights while still maintaining correct inventory weight and value	✓
Adjust Invoices for Mill Weights while keeping original information • Adjust Inventory from Mill Weights when material wasn't weighed out prior to shipping (ie. Rail shipments without a rail scale)	✓
Rejected Material Handling with proper costing back into your inventory • Return rejected finished goods back into inventory as a different item	✓
Turn AP to AR while properly accounting for material	✓
Turn AR to AP while properly managing customer balances	✓
Accounts Receivable with As of Functionality	✓
Unapplied Cash Management for future Invoice Application	✓
Cash Receipts with easy handling of over or short payments	✓
When Applying cash, search by container number, their weight ticket, and more	✓
Apply cash to both positive and negative invoices	✓
Payment Runs with approval process	✓
Partial Payments - Pay one voucher with multiple payments	✓
Pay many vouchers with one payment	✓
Pay by cash, check, EFT/ACH or any combination	✓
Combine positive and negative purchase tickets for one net payment	✓
Basic Petty Cash	✓
Letters of Credit with specialized paperwork to match LC Details	✓
Claims Management • Reminds users to ensure suppliers are properly charged • Apply one claim amount to Customer and different amount to supplier • Apply claims to future invoice or create a payment to your customer • Apply claims to future supplier purchases or create an invoice	✓
Purchase sorted material individually or grouped together as mixed with proper inventory costing	✓
Elemental Pricing	✓
Cash Drawer and Safe management	✓

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ACCOUNTING	ROM
Automatic Tax Calculations able to handle US, Canada or Mexican taxes	✓
Calculate Profit / Loss per scale ticket	✓
Calculate Commissions against Orders	✓
Calculate Commissions against Receiving Tickets	✓
Supplier Profit Sharing based off of 30 Day Avg Sales	✓
Determine Price to use based off of Today's Date, Receiving Date or Purchase order	✓
Process MRF Customer Payments • Pay single price for single stream • Pay broken out by characterization • Automatically apply processing charges • Purchase or Invoice generated depending upon market conditions	✓

REPORTING	ROM
Report Automation that emails reports directly to management or staff with any variation on any report.	✓
View reports in any unit of measure (price and weight) including combined UMs to display what is native to each transaction	✓
Over 500 reports that cover every aspect of your business	✓
Export any report or search into Excel, PDF, and more for further analysis	✓
Search Grids • Quickly find transactions by type • Group and Sort by any combination of columns • Print for quick reports • Exports to excel with grouping, sorting, and totaling by any column • Quickly Reprint and Email Transactions	✓
View Reports in different currencies or converted to specific currency	✓

ORDERS / CONTRACTS	ROM
Position management that factors PO's, SO's, and inventory (WIP and Finished)	✓
Position management for yard or brokerage or both	✓
Position management for sales orders across multiple yards	✓
Approval systems for Orders / settlements / invoices (customized by user)	✓
Bulk Update and Email material orders based off market fluctuations	✓
Purchase Orders / Contracts and Sales Orders / Contracts	✓
Track Orders by Weight / shipments / containers	✓
Set Floor and Ceiling prices for Formula based Orders	✓
One Sales order with weight distributed to multiple plants	✓
Set order pricing based on elemental recovery rates for multiple elements	✓
Over-ship or Under-ship orders depending upon market conditions	✓

ORDERS / CONTRACTS	ROM
Open Orders / Contracts for repeat business	✓
Formula based Pricing	✓
Link Purchase Orders to Sales Orders	✓
Expenses Tied to Orders / Contracts funnel to Shipments and Invoices	✓
Tie Advances to Order	✓
Include Legal Verbiage	✓

CUSTOMER RELATIONS	ROM
Customer Web Portal allows suppliers to view their activity • Suppliers can see material pictures and scale tickets • Suppliers can see their current pricing information • Suppliers can reprint purchase tickets and look up payment information • Fully customizable so you control what suppliers can see	✓
Nickname system to call material what each individual customer wants it called	✓
Reminders system based off dispatches, order balances, scale activity and more ensures that no customer is forgotten	✓
Umbrella customer management – track customers at the individual plant level or for the entire corporation.	✓
Receive as one commodity, settle on another	✓
Settle on Customer Weights with inventory based on your weights	✓
Issue payments to company, individual or any combination	✓

RECEIVING SYSTEMS	ROM
Scale Hopper with arrival time, material and customer pictures to easily view what customers are currently in your facility	✓
Full Load Check Weights • Stop loads at the scale if there is too big of a weight discrepancy • Turn remaining weight into receiving item • Weight Discrepancy Check by percent or weight difference	✓
Multi-Tractor / Multi-box / Trailer weights allowing multiple vehicles to process same load	✓
Automatically apply tractor weight for tare weights	✓
Automatically apply box weight for tare weight	✓
Automatic Tare weights by packaging type with customer specific weights	✓
Loads to Sort management	✓
Split / Sort Receiving items • Split by percentage • Split by Weight • System automatically calculates remaining Weight of original item as items are sorted out of it.	✓
Contamination entry and deduction calculations	✓
Place receiving items on hold to prevent accidental purchase of problematic material	✓

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RECEIVING SYSTEMS	ROM
Mobile App for yard personnel • Grade Material • Take Pictures • Add Contamination Information	✓
Integrated Camera system • Takes Pictures of every item • Integrated Pan / Tilt / Zoom of cameras • Unlimited number of pictures per transaction from an unlimited number of cameras • Attach pictures taken by another camera • View mobile app pictures in main interference	✓
Mobile App for VIN Scanning and data parsing	✓
CFC Compliance Tools	✓
MRF Receiving for single or multi stream vehicles	✓
Use multiple scales and associated cameras at one terminal	✓
Reject Material with history of what was rejected	✓
View Pictures taken at the scale when making the settlement	✓
Receive Material directly into Finished, ready for sale Inventory	✓
Denote additional costs associated with each receiving item (oversized, loose, etc.) integrated into inventory costing	✓
Add Elemental Chemistry to every receiving item	✓
Integrated with Appointment System for inbound flow control	✓
Integrated with Dispatch System to automatically create scale tickets	✓

RETAIL / PUBLIC MANAGEMENT	ROM
Mobile Grading App for grading, pictures, and contamination entry.	✓
Tiered Pricing by weight (including Max price)	✓
Customer specific pricing (straight or formula with expiration date)	✓
Complete Customer history of payments and material delivered	✓
Associated customers	✓
Track Delivery Vehicle and Trailer informtion with last vehicle history	✓
Public Customer Cards	✓
Full load Check Weights • Weight Discrepancy Check by percent or weight difference • Mid Load diversion to Small Scales with proper calculation of remaining material (took 50 lbs. of aluminum out of a pickup load of steel • Prevent ticket completion if discrepancy too large • One Click turns discrepancy into line item • Require manager login to override discrepancy	✓
Integrated CRV rules and value management	✓
Public Sales / retail invoicing for small item sales	✓
Separate pricing for public sales	✓

RETAIL / PUBLIC MANAGEMENT	ROM
Flag Banned customers and require Manager override to allow them back	✓
Scan IDs and have information parsed into system	✓
Split payments - cash / check	✓
Attach documents directly to transaction	✓
Automatic Cash Dispenser Integration	✓

REGULATORY COMPLIANCE	ROM
Pictures of all materials received	✓
Tag and hold for regulated items	✓
Total Retail Transaction Profile printout shows all information local police want to see – Pictures, customer, ID, fingerprint, signature, etc.	✓
NTEP Certified Scaling System for Certified Weights	✓
Integrated Metal Theft Compliance flexible enough for any item in any jurisdiction • Flexibility to configure which items are regulated • Pay for non-regulated items while holding payment for regulated items • Pay Non-regulated items by cash • Payment Hold System • Require Check Payment for specific items • Require Release Documents for specific items • Require Company information and restrict purchasing to companies only	✓
Legal statement affirmation required to complete transaction	✓
CAT Converter purchasing with VIN and Documentation Requirements	✓
Scan VIN's and parse with Mobile App	✓
NMVTIS Uploading	✓
Leads Online Uploading	✓
BWI Rapid Uploading	✓
ID Scanning	✓
Fingerprint Scanning	✓
Signature Capture	✓
Customer Picture Taking	✓
Texas Cash Cards	✓
Texas DPS Uploading	✓
Portland Oregon diversion reporting	✓

ENTERPRISE LEVEL SYSTEMS	ROM
Dispatch Across Plants / Facilities	✓
Multiple Currencies – One Plant in CAD, others in USD, EUR, MXN, etc.	✓
Distribute Order weights across plants	✓

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ENTERPRISE LEVEL SYSTEMS	ROM
Corporate Office invoicing for shipments out of all plants	✓
Corporate Office payments for materials received at all plants	✓
Combined Plant Reporting for local, regional and global views	✓
Multiple Units of Measure – One plant in LBS, another in KGS	✓
Intercompany Transfers with proper inventory costing	✓

EASY FOR YOUR EMPLOYEES	ROM
Touch Screen Interface	✓
Multi-Lingual	✓
Document Attachment system keeps all documents paperless and together with the transaction.	✓
Email Directly out of the system	✓
Email Pictures, attachments, printouts and the printouts from sub transactions in one easy to generate email	✓
Intuitive, natural workflow designed for the recycling business	✓
Customizable workstation configuration	✓
Common Notes Templates for quick entry of notes against transactions	✓
Tag Specific Reports as My Reports	✓
Save and Share Report Filters for quick report generation	✓
Pre-Print signatures • On Checks with limit controls (only up to $X) • On Orders / Contracts	✓
Dynamic Report Filtering and grouping to see the information that you want to see	✓
Search Grids for quickly, efficiently and effortlessly finding information	✓

TRUCK DISPATCHING AND BIN MANAGEMENT	ROM
GPS Driver tracking with live map display and offline alerts	✓
Real time Run Progress tracking Pinpoint deployed equipment on a map and in the app	✓
GPS Bin Tracking	✓
Bin Theft Alerts	✓
Auto creation of scale tickets before Driver gets to scale	✓
Customer Geofencing providing automation for equipment and driver tracking	✓
Driver App with instant alerts when runs are assigned and updated and (optional) driver confirmation	✓
Driver App with problem reporting and picture taking	✓
Recurring runs with future forecasting	✓

TRUCK DISPATCHING AND BIN MANAGEMENT	ROM
Track equipment by specific ID or by quantity	✓
Automatic and manual progress emails to customers	✓
Rapid single and multi-day Dispatching with multiple calendar visualizations	✓
Android and iPhone support	✓

CRV	ROM
RC Level CRV	✓
Multiple RC Numbers for one physical plant	✓
PR Level CRV • Purchase from other CRV entities (CS, SP, CP, RC's) • Internal Transfers for onsite Buy Back / RC • Urban and Rural CRV values • Calculations that Match DORIIS	✓
MRF Level CRV • DR6 Generation with shipping weights pro-rated to receiving weights via material characterizations on a per route and customer basis • integrated with RC and PR level systems to properly deduct buy back or other purchased material from MRF calculations	✓

BROKERAGE	ROM
Exact Transaction Profitability on a per load basis	✓
Specialized Weight Tickets that keep brokerage material out of inventory	✓
One weight ticket generates both purchase and sale	✓
Apply unlimited expenses to a brokerage transaction	✓
One to One Purchase Orders to Sales Orders	✓
Divert rejected material to another facility	✓
Track Shipping Weights vs Received Weights	✓
Tie Pictures to Brokerage Transactions	✓
Convert Unit of Measure and have the math come out correctly	✓
Integrated with overseas bookings	✓
Freight Hauler Instructions	✓
Consumer Shipping Notifications	✓
Search by and sort by Place of receipt or origin, arrival or destination port, cut off & departure dates, booking, container number, and more	✓
Set reminder alerts prior to arrival dates	✓
Claims management system	✓
Export Paperwork – Packing lists, certificates, etc.	✓
Integrated with Appointment System for shipment scheduling	✓
Payment terms based off of departure or arrival dates	✓

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MATERIAL MANAGEMENT

	ROM
Upgrade / Downgrade Material with proper costing	✓
Finished Goods Tracking • Barcode tagging • Pictures taken for disputing grading issues	✓
Mobile App for Physical Inventory of Tagged Items	✓
Work in Process inventory • Tag material when receiving • Process management to assign specific tasks to each tag • One Button click to turn WIP into Finished Goods • Add WIP to accumulation bins	✓
Production management for Shredders / Choppers / Processors	✓
In Yard material transfers with blind verification	✓
Sort Material screens for in yard usage • For in yard upgrades / downgrades • Pictures Taken for every time sorted • Track Employees and time for productivity analysis	✓
Large Pile in/out management	✓
Elemental Level Inventory • Apply unique Chemistries to every item in inventory • Use standard Chemistries when unique Chemistry is not available • Total unit calculations - See how many Cu, Ni, etc. units you have • Accumulation Bins with aggregate elemental calculation • Add Deductions to Chemistries for moisture, sand, insolubles, etc. • Calculate deductions “in line” or “off the top” • Inventory Blend Calculator	✓
Chain of Custody • Follow material from receiving ticket to shipping ticket including all processing in between • View Chain of Custody in user friendly flow chart that clearly shows every process	✓
Manage outside processing of material	✓
Add material to Productions with Mobile App	✓

SHIPPING SYSTEMS

	ROM
Pre-define loads prior to shipment • Mobile App creates loads and takes pictures of the material • Denote specific tags to ship on a per shipment basis	✓
Create Packing Lists with Mobile App	✓
Take required shipping pictures with Mobile App	✓
Email shipping pictures and paperwork directly from shipping screen	✓
Work on one outbound shipping load at a time with multiple Mobile Apps or multiple outbound shipping loads at a time with one Mobile App	✓
Automatically print Bill of Ladings and all other shipping paperwork	✓
Integrated with Overseas booking system	✓
Integrated Freight Expenses	✓
Integrated with Appointment System for outbound material scheduling	✓

SECURITY	ROM
System tracks Manual Weights vs. Scaled Weights • Restrict users from taking manual gross weights, tare weights or both • Reports detailing which users take manual weights	✓
Lock users out of any screen	✓
Prevent users from seeing any report	✓
Prevent users from emailing from the system	✓
Email Audit keeps track of everything sent out of system	✓
Control which users can see which plants and their data	✓
Control which users can see which customers and their data	✓
Control how much a User can make a payment for	✓
Control how much a User can write off on an invoice	✓
Control which users can void purchases, sales, payments, deposits and more	✓
Hide Pricing information from specific users	✓
Hundreds of settings to customize each user	✓
Easy to clone user settings	✓
Warn Cashier of anomalies like no tare weight	✓

ADDITIONAL SYSTEMS	ROM
Bins Management	✓
Overseas Bookings management • Supplier Shipping Instructions • Yard Shipping Instructions • Roll-Over Containers to another booking • Important Date tracking • Freight hauler instructions • Assign Purchase / Sales Orders to containers • Copy bookings to save time • Integrated Expenses	✓
MRF Management • Characterizations • Profit Sharing • Single Stream and Multi Stream Scaling • CRV – Processes Complex MRF Requirements	✓
Non-Inventory Scale Tickets for things like DMV weights	✓
Automated Scale Traffic Light Integration	✓
Dynamic and Flexible Printing System • Print as many copies to as many printers as you want • Simultaneous out of process printing of multiple documents • Set each workstation to print to different printers • Create document sets specific to individual customers or transaction types • Printouts can be customized to include any data or formatting you want	✓
Import Price Lists from Excel	✓
Track material at 3rd party facilities	✓

AND MUCH, MUCH MORE.

21st CENTURY PROGRAMMING

Recycling Operations Manager Software

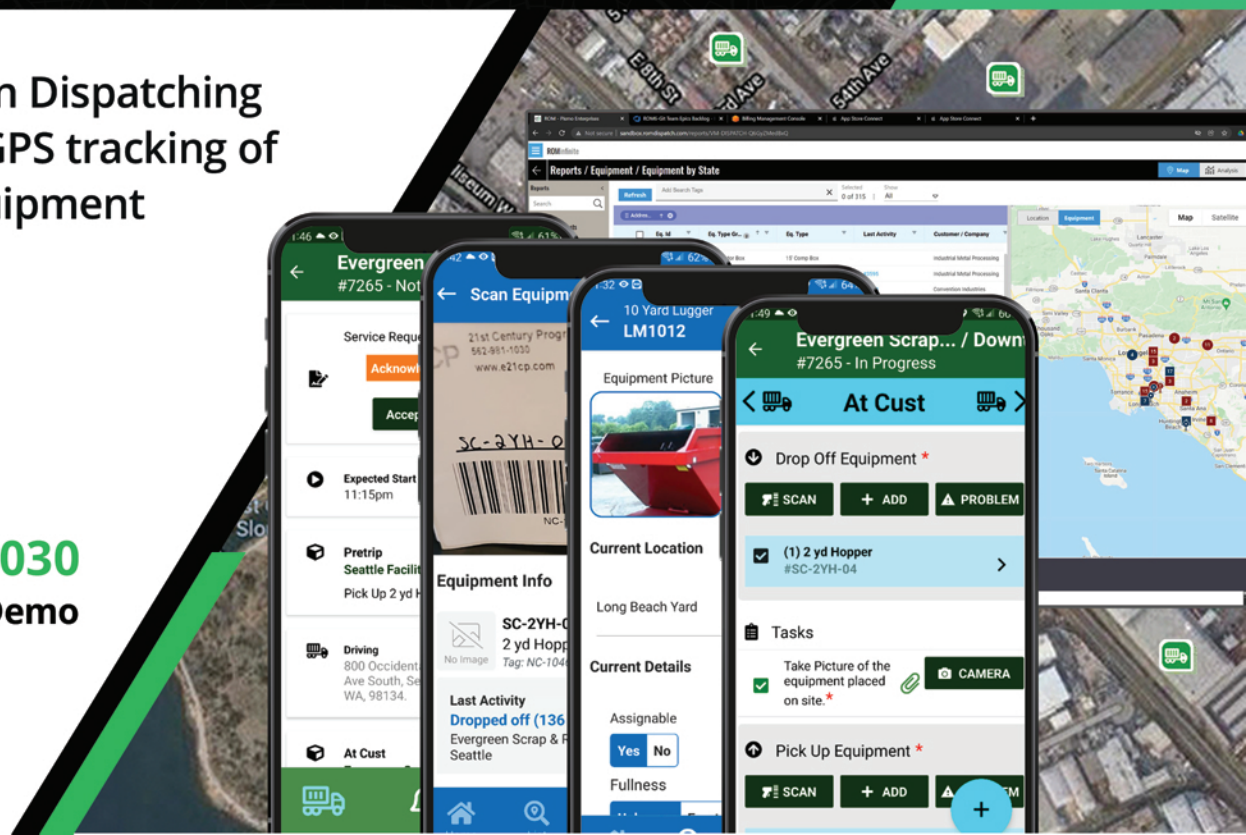




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