



Accounts Receivable Module

The Accounts Receivable module provides control to charge sales to a customer account from the point-of-sale system to the back-end application.

This module ensures that credit limits assigned to customers are enforced and offers management tools for outstanding account that create efficiencies in the receivables process.

Features include:

- Unlimited customer records
- Multiple contacts per customer record allows tracking details for a commercial or family account.
- Credit limit per customer type
- Tax Exemption by Customer File
- Option to force entry of the customer account in a transaction
 - Limit for check payment privilege per transaction and per week
 - Real-time account balance on point-of-sale terminals
 - Charge sale stub receipt printing to get signature from customer
 - Commercial size invoice printing
 - Accounts can created from front-end terminals
 - Interest posting with flexible rate per customer type
 - Complete transaction history provided by customer statements, and printable per account
- Complete summary of outstanding customer balances shown in aging report and sorted by 30, 60 and 90-day columns
- Summary of all customer account transactions for the period selected available in customer activity report
- Chronological list of all transactions that affect customer account balances available in customer detail report



On-screen Advertising Module

The On-screen Advertising Module is intended to increase product visibility by optimizing existing in-store equipment through digital display using pictures or video.

The increased visibility provided by on screen product advertising can be used to negotiate rebates with suppliers.

Features include:

Display modes

- Continuous advertising displayed on a smaller window form while the system is in use
- Full screen advertising displayed after a programmable inactivity period
- Product images triggered by sale of a specific product

Image display

- Images added manually from the backend-PC to deploy to the POS terminal
- Text messages added to overlay the image
- Special effects added for increased visibility

Batch interface

- Items added to batches also added automatically to the advertising display
- Interface available to import images and simply advertising set-up by importing items from batches.

Compatible formats

- Standard image files like BMP, JPG. etc.
- Animated images (animated gifs, etc.)
- Short clips (AVI, MPG, etc.)



Cashier Balancing Module

The Cashier Balancing Module allows to use the back-end software to make loans, pickups and post declared amounts related to cashier drawer and store balancing.

Features include:

- Back-end entries reconciled with the pickups and loans made directly on point-of-sale terminal
- Ability to post transactions with cashier balancing to past dates and make corrections or adjustments
- Cashier balancing calculates Back-end loans, pickups and declare amounts
- Compatible with:
 - Cash
 - Foreign currency
 - Credit and Debit
 - Food stamps, WIC checks, EBT, etc.
 - Coupons
 - Lottery winners
 - Bottle return vouchers and all other payment types used on the system
- Cashier balancing and store balancing results can be viewed after adjustments are processed
- Detailed transaction list available to show all loans and pickups to the safe in the safe balancing report.



Promotion and Price Change Batch Module

The back-end Promotion or price change batch module is used to control pricing changes for future events.

Batches can be pre-programmed for permanent price changes or for promotional batches. The system automatically identifies the correct prices at the determined time and then relays the prices to the registers.

Features include:

- Price change batch with automatic activation at the appropriate date
- Promotional batches with start and end dates
- Back-end uses best price automatically whenever a product appears in more than one batch with competing dates
- Items can be selected globally for inclusion in the batch
- Batches can be saved after expiry for future use
- Batch contents can be copied to a new batch
- Import price changes or promotions from a wholesaler or any host communication file into batches
- Import batch data from portable data terminal
- Batch can override the discountable status set on individual items
- Batch movement reports for purchasing estimates
- Mark-down reports for promotional batches



Debit-Credit Payment Authorization Module

Debit-credit authorizations are processed over the internet. The module provides consistent fast transaction approval processing time without the slow-downs associated with dial up, DSL, or cable modem

Using the Debit-credit Payment Authorization Module eliminates costs of individual land-based communication lines by sharing the Internet gateway with the entire POS network.

Features include:

- Point-of-sale software options include debit-credit solutions based on TCP/IP protocol
- PCI-compliant integrated and semi-integrated payment option
- EMV ready
- Electronic payment approval system will accelerate processing time for debit and credit transactions as well as EFS and EBT Cash
- Several interfaces support gift card, phone card and other special applications
- Funds can be transferred directly into an account at batch closing
- Interfaces available to many processors and 3rd party applications



Electronic Journal Module

The Electronic Journal Module offers search capabilities by transactions or activity, based on different criterias and pre-defined filters.

The module allows you to scroll through any day's sales to locate data.

Features include:

Data search with drill-down filters

- Operator-oriented statement builder to search data
- Search transactions by amount, function, cashier, store, date, terminal, quantity, account or any combination of these filters
- Pre-defined search statements display all corrections, refunds, or suspicious transactions like pickups, cancelled transactions, etc.

Memorizing search statements

- Record search statements feature saves recurrent searches and avoids manual entry errors
- Recorded statements can comprise up to 8 arguments

Custom reports

- System enhancements with personalized reports capturing distinct data recorded during sales transaction — Driver's license numbers acquired through POS transactions recorded in electronic journal

Electronic journal printing

- Re-print transactions individually, in a series, or for an entire day on different printers.
- Print results of filtered data-specific searches to system printer
- Re-print transactions or cancel past transactions from the POS terminal
- Files stored in secure format that is easy to backup
- Local POS electronic journal is merged with the back-office server after every transaction
- Duplicate copy of the electronic journal file is created on the POS local hard drive after every transaction



General Ledger Interface

The General Ledger is a tool that links collected sales data and prepares a batch entry for the accounting system. Data can be viewed and edited before export, and all transactions are automatically stored for future auditing.

Features include:

- Data transfer to popular accounting systems
- Simple configuration to report totals to the GL accounts
- Post revenues to multiple accounts as required
- Data link between sales transactions and batch entry for accounting system
- System continues to work when new accounts created need to be updated from POS system
- View and edit date prior to export
- Correct data before posting to GL system thus facilitating daily posting routines
- System stores all transactions for future auditing
- Full audit trail of operations provides justification of transactions
- Post data collected from the back-office system to the accounting system
- Regenerate files for previously processed dates
- Correct errors prior to executing data transfer



Inventory Tracking Module

The Inventory Tracking module is a powerful tool to control stock movement. The Inventory Tracking Module is ideal for businesses that use minimum stock levels to manage stock replenishment. With improved inventory ordering and receiving businesses can minimize investment and increase overall profits.

Features include:

- Individually programmed products for stock tracking—on-hand levels automatically decrease as items are sold
- Set minimum re-order level for each item
- Purchase orders can be generated automatically
- Products can be received without requiring a purchase order— Often the case for bakery and dairy products which are maintained directly by suppliers
- Link items using parent/child relation —Effective control of items that are purchased by the case and sold in different package sizes
- Purchase order generation based on minimum stock levels or manual entry
- Landed cost or average cost
- Configurable charges such as delivery, fret, insurance, taxes and others can be added to your inventory transactions to be reflected in the landed cost
- Stock can be received against a purchase order
- Back order item tracking
- Physical count transaction entry
- Adjustment transaction
- Stock transfer between locations (requires Central, L-Remote module)
- Generate reports that provide on hand information with inventory value at cost and retail
- Print labels for received items (requires Label module)
- Scan products and receive from a wireless Hand-held device (requires HTML module)



Label Printing Module

The Label Printing Module enhances your back-end system by producing clear and consistent price information for store shelves and for individual products.

The labelling system links to the price information in the item file and reduces errors associated with manual entries.

This module enhances the customer experience with unified labelling throughout the store, and improves customer confidence with coherent label and POS pricing.

Features include:

- Individual items are given a preferred label type for recurrent printing
- Print to a variety of label templates
- Print product labels, shelf tags, talkers and full sheet signs
- System automatically tracks item status changes for easy identification of items that need new labels
- Printed barcodes can be scanned with handheld devices to increase efficiency (requires HTML module)
- Select any database field, text labels or images and transfer onto standard label templates with the optional Form Manager application
- Print brand, unit of measure and package description on labels to provide consumers with valued information
- Price table includes fields required to input regular price, suggested retail price, item format/size and formula used to calculate comparative price information for the label
- Unlimited number of label templates can be designed
- Print labels for:
 - Batch contents
 - On order items
 - Received items
 - Individual products



Tracker Module

The Tracker Module is an enhancement to the standard Electronic Journal module. This option optimizes data search by storing transaction header information in a database.

Filters in this module add several levels of search functionality to the standard journal. Export tools compatible with the back-office report engine can transfer data to files or tables for greater reporting capabilities.

Features include:

Filters

Filters shorten execution time (vs. standard electronic journal review tool) by limiting the number of records queried. Transaction data can be filtered to search for:

- Any terminal or all terminals
- Any store or all stores
- A date range
- A specific cashier
- A specific customer

Export Tools

Export electronic journal data to formatted ASCII files or to database tables queryable by back-office report engine.

- View transaction data, print journal log for a single transaction or a specific day, print transactions returned by query results
- Track exceptions with Display reports that show the transaction header details, with amounts and total. E.g. View all transactions that include an error correct over a defined specific date range for a specific cashier
- Export transaction information to database for basket analysis, to identify combinations of products that frequently co-occur in a sales transaction

DVR Interface

Combining the Tracker Module and the DVR Interface provides the increased security benefits of the DVR system.

- Search for data in electronic journal files and “play back” DVR image from that point in time
- Locate any transaction
- View digital security system recording for that transaction

Cashier Monitoring Module

The Cashier Monitoring Module is available from the back-end software. With real-time cashier monitoring, retailers can review multiple terminals simultaneously.

The monitoring system also allows for better observation of cashier practices and improved ability to spot sweethearting. This function helps control irregular events and transactions by detecting them as they occur.

Features include:

- Easy set-up
- Monitors multiple lanes simultaneously
- Audible tone produced by POS terminal to signal voids and other irregular or negative transactions
- Produces output data to digital recording systems in popular formats:
 - RS232 with programmable communication parameters
 - TCP or UDP with user defined IP and port address
 - Programmable data identifier to differentiate data from multiple POS terminals
- Recovers from power shutdowns or outages and restores previous settings to ensure maximum security level



Portable Terminal Module

The portable data terminal interface allows you to connect to the product database around the store in a compact, easy to manipulate device.

This module is used for many types of day-to-day operations including price verifications, receiving, inventory counts, etc

Features include:

Compatibility

- Compatible with Android, iOS, Windows devices
- Requires a wireless type unit capable of real-time TCP/IP communication with the L-BOSS server
- Run the interface in web browser

Price verification and modification

- Verify items using the built-in scanner with the product label or by entering the product code or supplier code via the keypad
- Change the price or the promo price
- Data inputs are automatically updated in the product file.

Batch file maintenance (requires batch module)

- Create batches for price change or sale batches

Stock control (requires inventory module)

- Order, receive, adjust and count stock
- Inventory transaction created on the hand-held device needs to be imported in the inventory module and confirmed before posting

Label generation (requires label module)

- Trigger label printing to either a wireless portable printer or to the back-office desktop printer

Line busting (requires inventory module)

- Scan in customer orders while they wait in line to speed up the check-out process

Order preparation

- Prepare customer orders received by phone or otherwise



Preferred Shopper Module

The Preferred Shopper Module is used to track customer data, as a way to increase customer loyalty and analyse sales movement by product and by shopper level.

The module adds price level control so that products can be sold at the assigned price level to preferred members. The Preferred Shopper Module also manages a points tracking database to help build customer loyalty programs.

Features include:

Customer account customization:

- Unlimited customer accounts
- Multiple customer contact records per account
- Unlimited preferred shopper levels
- Price level assignable to shopper level
- Discount rate assignable to shopper level
- Discount table allowing automatic pricing assignment by customer type
- Discount rate per shopper level per sub-department
- Cost plus a percentage per sub-department per customer type

In-house loyalty program:

- Earn and burn points from the POS
- Assign points to a product, a sub-department or on a method of payment
- Buy 10 get 1 free program
- Redeem points against coupon, discount, gift-card value or specific products
- Transaction completion deal such as buy 30\$ of meat and get 5\$ off.

Sales reports on customer activity:

- Report on customer purchase history
- Report on total sales per customer
- Sales by department by customer
- Sales by sub-department by customer
- Sales by item by customer



Price Checker Module

The Price Checker Module allows customers to scan and verify product prices without assistance. This self-serve module will reduce the time spent by clerks checking prices.

This module offers compact stations that can be installed on different types of aisle configurations. The Price Checker Module can improve customer service and experience while reducing staffing requirements.

Features include:

- Interface to various types of price checker stations
- Need TC/IP communication to connect to the back-office server
- Support for multiple price checkers stations per store
- Display store logos and messages on price checker screen
- Display preferred shopper status or pricing
- Display in multiple languages with international character set
- Prompt message on manager station when an item price is not found
- Ensures data is up to date
- Reduces labour costs
- Small footprint and multiple mounting options allows installation in various aisle configurations
- Requires Portable terminal module (HTML)



Pump Interface for Fast Retail

The Pump Interface is a management solution for fuel transactions that can optimize operator efficiency. POS terminals interact with the gas pumps in real-time using forecourt controllers that connect to the major dispenser brands.

The gas pump interface includes buttons that control all fuel related transactions and eliminates the need for a separate pump controller in the store. The POS software is a complete system for c-stores, grocery stores or full-service gas stations.

Features include:

Full function POS

- Pump control functions are available from each POS terminal
- Claim and restore transactions from/to any POS terminal
- Programmable screen layout allows adding pre-set items and adapts to number of pumps
- Pre-paid transaction support
- Real-time price changes
- Advanced security options to control sensitive operations
- Interface to 3rd party DVR for added security
- Reports available to track fuel sales

System interfaces

- Immediate compatibility with a wide range of devices and continuous development by industry experts
- Allied Electronics ANDI controller
- Progressive International Electronics (PIE)



Remote Communication Module

The Remote Communication Module supports centralized system management for businesses with more than one location.

Scheduled data exchanges and updates can be made from the head office on the central system to stores, and from stores to the central system.

Updated sales data provides headquarters staff with the timely information to support the day-to-day decision-making process.

Features include:

- Schedule communication after every sale to provide a virtually live sales data to the head office
- Schedule data transfer every hour or every day
- Operate remote communications in either direction:
 - Stores can push the data to the central site
 - Central site can pull data from the stores
- Use any common communication instances available within the operating system:
 - high-speed Internet connection
 - VPN or WAN style connection
- Added system security of having the complete store programming available at the centre system
- Added level of data security:
 - If a store terminal needs to be replaced, the system files can be generated from the central database to repopulate the data files in the new store terminal.
 - View reports for any store, or group of stores at the central office
 - Ensure that hardware related problems do not cause data problems
- Transfer data from central host to target stores:
 - Price and product information
 - Customer account information
 - Employee data
 - All secondary database files required for system operation
- Retrieve data from stores to central host:
 - Sales data files
 - Electronic journal data
- Allows transferring products from one store to another (requires Inventory tracking module)



Rental Tracking Module

The Rental Module is an option that helps reduce manual paperwork and speed up the check-out process for rental items that need to be tracked. Retail businesses whose core operations are primarily in sales, but also have secondary rental operations, can use the Rental Module with their POS and back-end system.

The Rental Module offers a simple solution for grocery and convenience store operators to track and control rental items, such as coffee urn rental, cooking appliance rental, carpet cleaning machines, and DVDs in remote areas.

Features include:

- Types of rental pricing configuration based on:
 - Variable rental period such as 1 hour, 5 hours, 1 day, 2 days, etc.
 - Fixed rental period (24 hours)
- Rentals controlled by 24-hour periods:
 - The system identifies that items rented today are to be returned by close of business tomorrow, even if a 24-hour period is specified
- Machine rental periods can be programmed for different rental periods:
 - Day, week-end, week or other
- Control of late returns:
 - Option to automatically charge late fees to the customer's account
- Print special text message on rental receipt to ensure customer agrees to the rental conditions
- System reports of currently rented out and late returns to track down missing items
- System reports by customer who last rented the item - In the event that items are returned damaged
- Association of multiple copies of the same product, to know immediately if an item is available