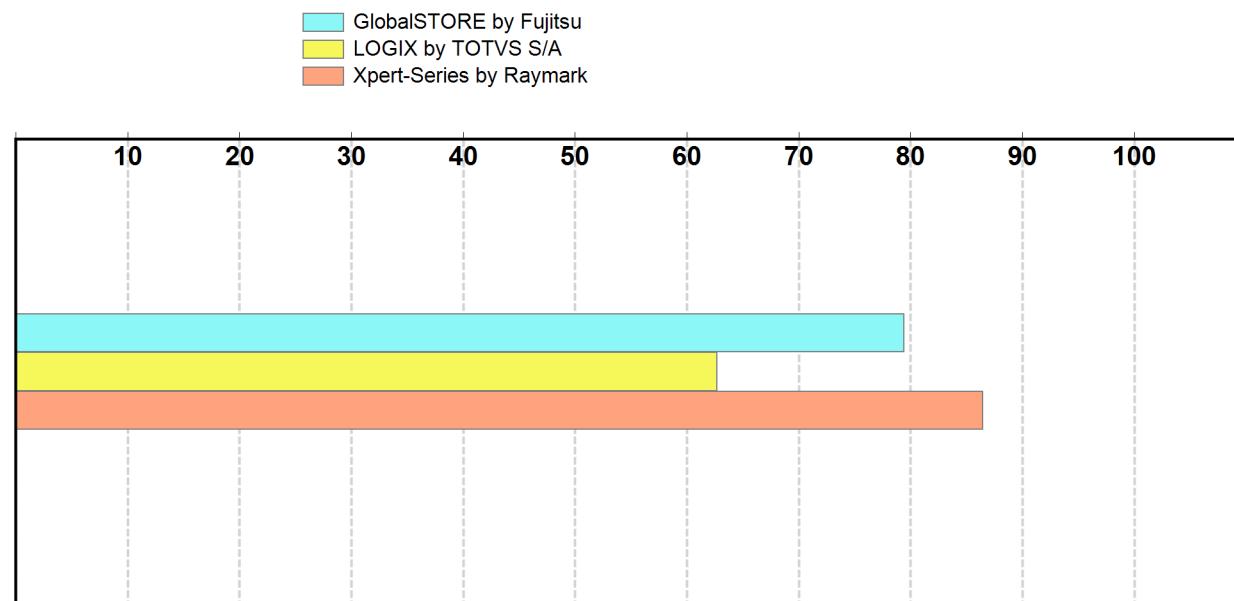


Express Software Comparison Report

POS Express Software Comparison for GlobalSTORE by Fujitsu, Xpert-Series by Raymark, LOGIX by TOTVS S/A

The graphs below were developed for an express software comparison of GlobalSTORE by Fujitsu, Xpert-Series by Raymark, LOGIX by TOTVS S/A. They display the standard scores of the vendor solutions, as determined through TEC's default POS Model. The graphs reflect 1323 functional, technical, and business criteria. This comparison is based on average weights and priorities.

Overall Performance



POS
Transaction Management
Register Management
Sale Slip Management
Price Management
Inventory Management
Reports and Inquiries
Business Architecture
Product Technology



Transaction Management

Transaction management encompasses a group of applications for maintaining records on transactions done on a point of sale system.

Transaction Management Module Ratings

Transaction Management				
Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
		Module Rating	Module Rating	Module Rating
Core Functionalities	20	88.00	79.25	88.00

Transaction Management		Transaction Management		
Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
Includes: Automatically print Material Safety Data Sheet (MSDS) sheets for POS transactions that include hazardout materials,Generates online reports for missing register closing information,Generates online reports for missing sales journal,Limits employee discount purchases,Multiple style descriptions in different languages,Opens cash drawer (with no sale) by audit trail,Opens cash drawer (with no sale) by reason code,Opens cash drawer (with no sale) with manager approval,Personalizes of style information (PLU description),Personalizes password and security,Personalizes price changes,Personalizes promotion changes,Personalizes receipt printing,Remote access to register,Sets date and time of cash register with manager approval,Style description holds at least 255 characters,Tax rates are user-defined,Updated date and time takes effect immediately,Updates date and time of cash register without manager approval,User-defined security levels				
Transactions Includes: Cancellation,Delivery,Gift Certificate,Kits and Combos,Line Items,Non-merchandise Sales,Other Transactions,Price Changes,Price Overrides,Refunds,Sales Transaction,Suspend,Transaction Total,Void	288	86.46		
Open Drawer Without Transaction Includes: Tracks employee,Tracks open drawer with no sale transaction by authorization number,Tracks open drawer with no sale transaction by employee number,Tracks open drawer with no sale transaction by reason code,Tracks the location,Tracks the register being opened	6	61.67		
Customer Intelligence Includes: Captures customer's address,Captures customer's country of residence,Captures customer's e-mail address,Captures customer's name,Captures customer's secondary telephone number with area code,Captures customer's telephone number with area code,Captures customer's zip code or postal code,Electronic Signature Capture,Electronic Signature Printing on Invoice,Interfaces with a standalone CRM system,Interfaces with a third party loyalty program,Print special customer messages,Special Customer ID code for customer must show on Invoice (apart from normal customer ID) User Defined Field,Stores buyer cycle ID,Tracks primary store number for customers	15	65.33		
Employee Purchase	18	82.78	43.33	86.67



Transaction Management

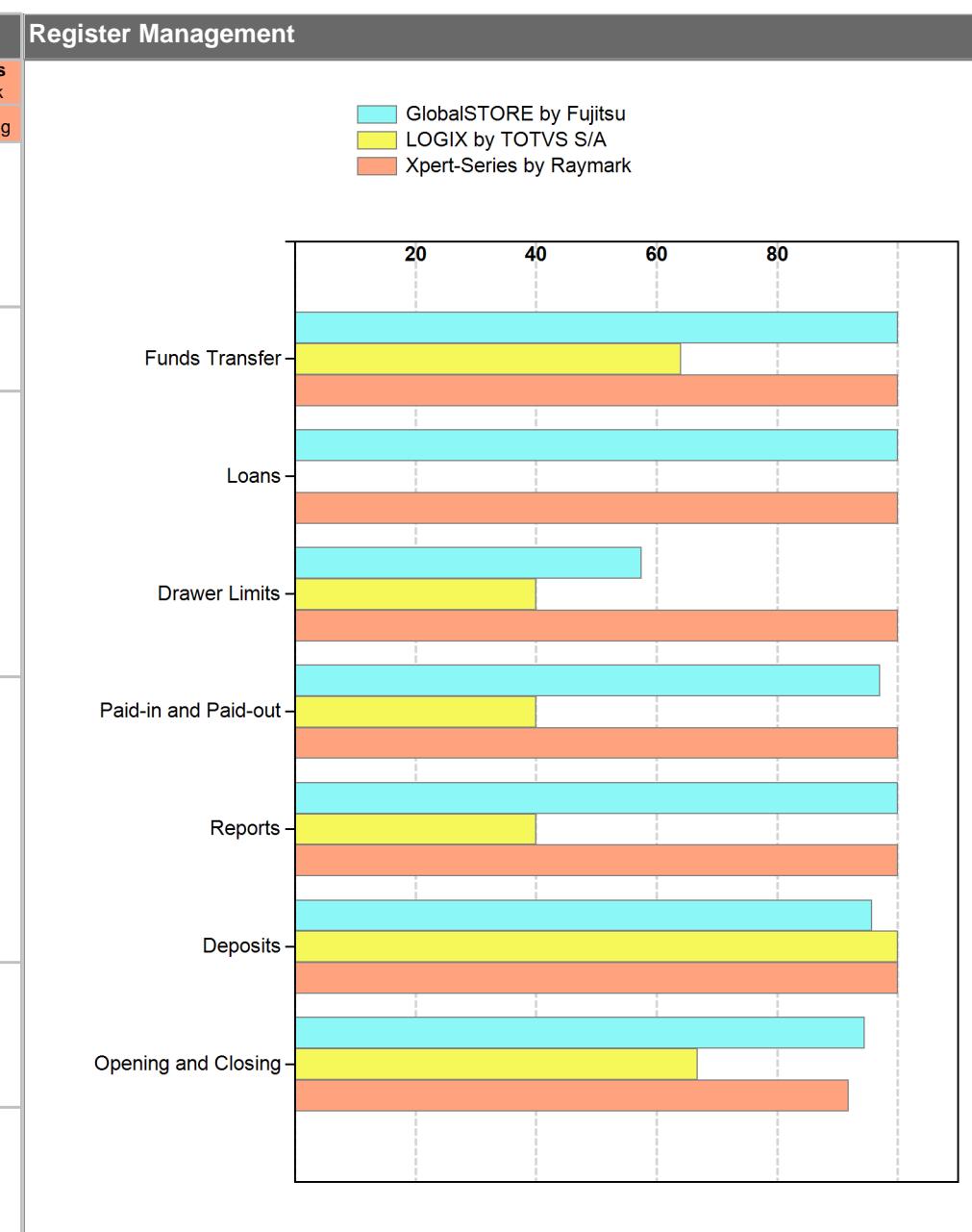
Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
		Module Rating	Module Rating	Module Rating
Includes: Accepts all available tender types for an employee purchase,Associates and stores employee information with corporate ID, which is accessible to all stores,Automatically calculates employee purchase with user-defined discount,Employee discounts by amount,Employee discounts by percentage,Gift certificates can be purchased at employee discount,Limits employee discounts,Maintenance of discount program stored at head office,Processes employee exchanges,Processes employee exchanges online,Processes employee purchases,Processes employee purchases online,Processes employee refunds,Processes employee refunds online,Redeems employee purchase gift cards without adding another discount,Tracks employee purchase by total dollar amount,Updates database when employee is newly hired,Updates database when employee leaves company				
Printing Devices Includes: Assigns a printer from a closed register,Reassigns another printing device even if the register is closed,Reassigns another printing device with manager authorization	3	40.00	100.00	40.00

Register Management

Register management encompasses a group of applications used to maintain records on the register's cash flow.

Register Management Module Ratings

Register Management				
Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
		Module Rating	Module Rating	Module Rating
Funds Transfer Includes: Tracks amount of cash used to open the register, Tracks denominations accepted at a particular register, Tracks transfers going in or out from a particular drawer, Transfers cash from one drawer to another, Transfers cash from one register to another	5	100.00	64.00	100.00
Loans Includes: Loans in from a safe, Loans in from another register, Loans out to other registers	3	100.00	0.00	100.00
Drawer Limits Includes: Displays a discrete warning when drawer limit has been reached, Reports on the time elapsed between the warning and cash reduced below the limit, Reports the highest dollar amount reached during a warning, Reports the longest amount of time that has passed before the drawer is reduced below the limit, Reports the number of times a drawer limit has been reached, Updates a global control database table, Updates a local control database table, Warns head office in real-time that drawer limit has been reached for a specific register	8	57.50	40.00	100.00
Paid-in and Paid-out Includes: Mandatory approval from manager for paid-ins and paid-outs, Prints a chit with details of the transaction for paid-out, Prints a vendor receipt with details of the transaction for paid-ins, Prompts dollar amount for paid-ins, Prompts dollar amount for paid-outs, Records a reason code for paid-out, Records reason for paid-ins, Tracks financial responsibilities for cash drawer, where responsibility increases for paid-ins and responsibility decreases for paid-outs, User-defined reason codes for paid-ins can be created, User-defined reason codes for paid-outs can be created	10	97.00	40.00	100.00
Reports Includes: Generates reports for over or short amount, Generates reports for over or shorts at head office, Generates reports for over or shorts at register, Generates reports for over or shorts for all registers in store	4	100.00	40.00	100.00
Deposits Includes: Stores bank codes, Stores bank name, Stores deposit bad number, Stores deposit slip number, Stores deposit time, Stores employee number that made the deposit, Validates manager's deposit	7	95.71	100.00	100.00
Opening and Closing Includes: Core Functionalities, End of Day Process, POS Startup and Shutdown, Register Closing, Start of Day Process	56	94.48	66.70	91.82



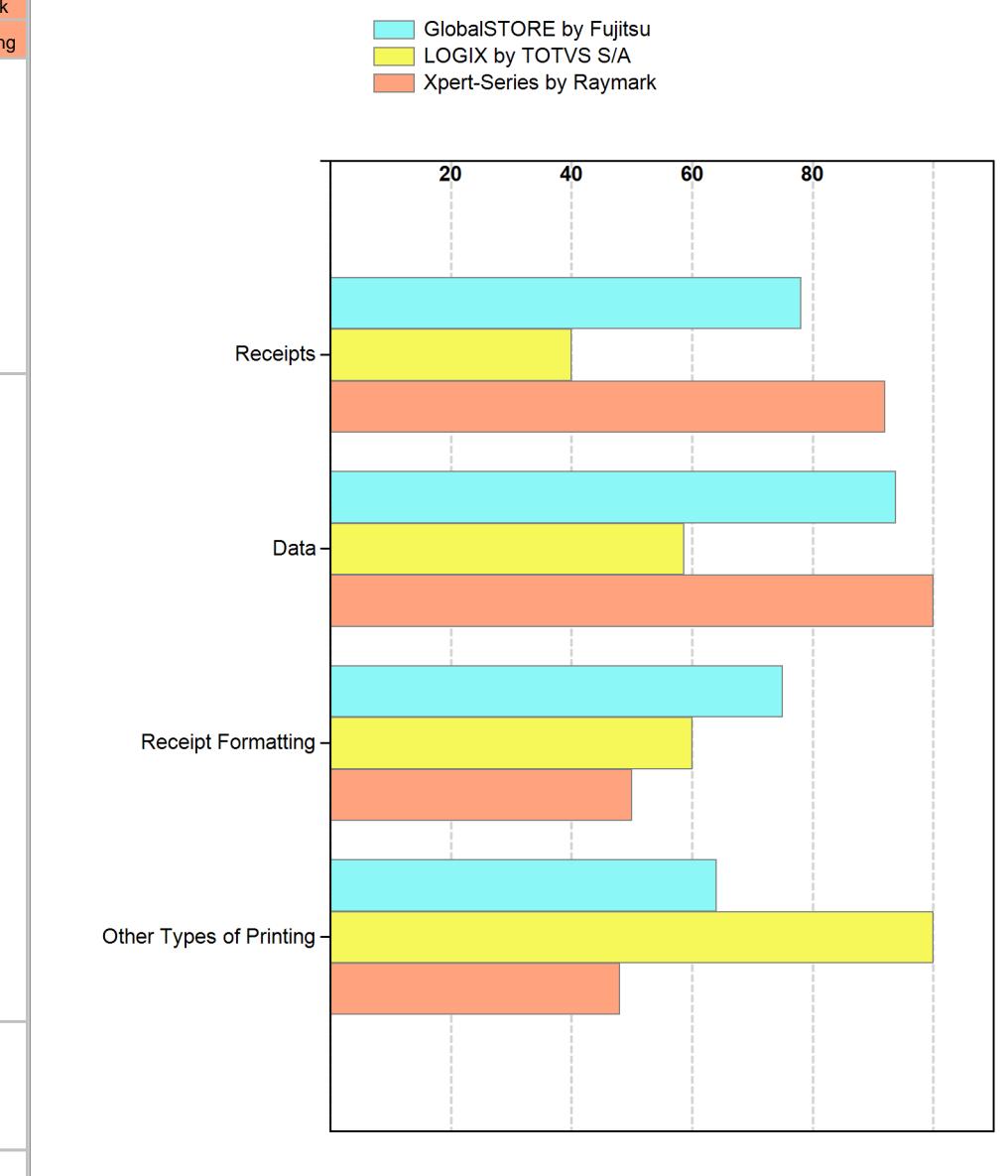
Sale Slip Management

Sales slip management encompasses a group of applications for maintaining receipt or ticket printings.

Sale Slip Management Module Ratings

Sale Slip Management				
Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
		Module Rating	Module Rating	Module Rating
Receipts Includes: Configures receipt printing at the store level, Configures specialized messages on receipt, Creates unique receipt numbers, Links to CRM system for printing customer information, Multiple languages, Optional printing of customer's information, Personalizes receipts, Prints coupons based on purchased items, Prints multiple copies of a receipt, Prints reason code for returns, Prints rebate receipts, Reprints receipts, Tracks date and time of receipt reprints, Tracks the employee that reprinted the receipt, Tracks the number of times a receipt has been reprinted	15	78.00	40.00	92.00
Data Includes: Captures additional information for an item at receipt detail level, Discount percentage is listed in receipt details, Discounted amount is listed in receipt details, Header line includes date and time information, Header line includes register ID, Header line includes salesperson name, Header line includes store name and store number information, Includes bar code in the receipt details (for return transaction), Includes item description in receipt details, Includes item's description in receipt details, Original price listed in receipt details, Primary header line can be put at the bottom of the receipt, Primary header line can be put at the top of the receipt, Primary header line can be put in the middle of the receipt, Prints additional information for specific items when purchased, Prints additional information on receipt at transaction level, Prints company logo on receipts, Prints company's return policies on receipts, Prints company's web site on receipts, Prints customer's name on receipts, Prints seasonal greeting on receipts, Prints signature line on receipts, Prints store policies on receipt, Prints the total amount saved on the sale transaction, Promotional price listed in receipt details, Selling price listed in receipt details, Sub-total on receipts, Tax at item level listed in receipt details, Tax at transaction level is listed in receipt details	29	93.79	58.62	100.00
Receipt Formatting Includes: Different character sizes, Prints bolded characters, Prints double high characters, Prints double wide characters, Prints italicized characters, Prints normal characters	6	75.00	60.00	50.00
Other Types of Printing Includes: Prints coupons, Prints labels by scanning item's bar code, Prints mail-in coupons, Prints price tickets, Prints store marketing pamphlets	5	64.00	100.00	48.00

Sale Slip Management

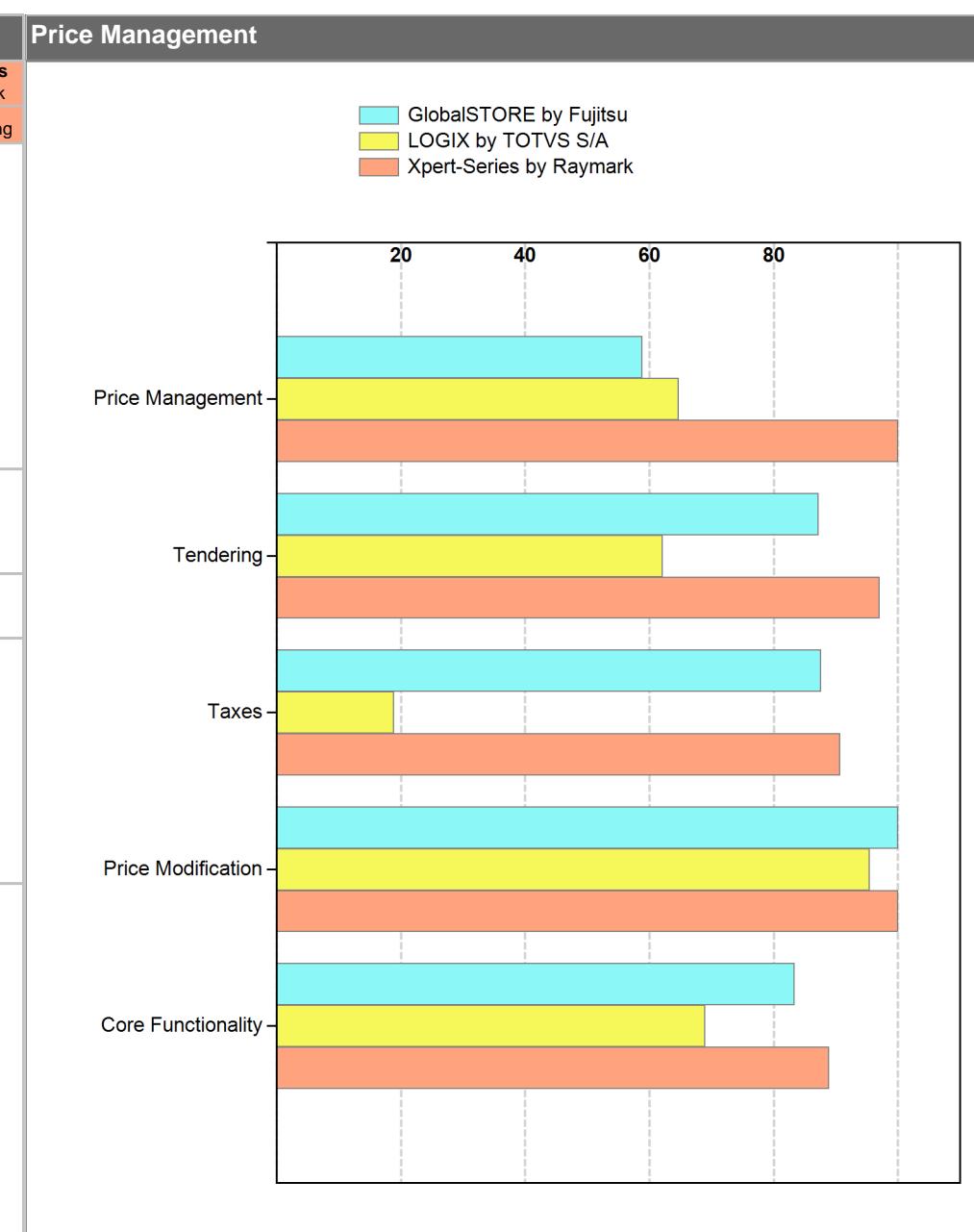


Price Management

Price management encompasses a group of applications for maintaining records of items' prices. Price management includes functionalities such as creation of markdowns, markups, promotions, discounts, etc.

Price Management Module Ratings

Price Management				
Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
		Module Rating	Module Rating	Module Rating
Price Management Includes: Checks price by model number,PLU,Up-sells or suggests sales based on line item purchased,Up-sells or suggests sales based on past purchases (cross-selling),Validates price on register by bar code,Validates price on register by description,Validates price on register by style,Validates price on register by UPC,Validates price on register by vendor,Validates price on register by vendor style,Validates price online by bar code,Validates price online by description,Validates price online by GTIN,Validates price online by style,Validates price online by UPC,Validates price online by vendor,Validates price online by vendor style	17	58.82	64.71	100.00
Tendering Includes: Authorization,Coupons,Credit and Debit Card,Personal Check Tender,Tendering Information,Traveler's Check Tender Processing	68	87.18	62.04	97.04
Taxes Includes: Non-tax Sales,Tax Calculations,VAT Tax	43	87.56	18.84	90.67
Price Modification Includes: Batch update of prices,Controls price modifications by authorization levels,Modified an extended price,Modifies a price by PLU, SKU, or UPC number,Modifies discount price,Modifies inventory sale price,Modifies retail price,Modifies unit price,Tracks the employee who changed the price,Tracks the location where the price modification occurred,Tracks the method used to modify the price,Tracks the time where the price modification occurred,Updates prices in real time	13	100.00	95.38	100.00
Core Functionality Includes: Differentiates between a permanent price change and a temporary price change,Modifies price from specific merchandise hierarchy (department, class, or sub-class) by amount,Modifies price from specific merchandise hierarchy (department, class, sub-class) by percentage,Modifies price from specific vendor by amount,Modifies price from specific vendor by percentage,Modifies price of a style by amount,Modifies price of a style by percentage,Multiple levels of pricing for an item,Multipricing,Price changes based on time,Price overrides controlled by user-role,Price overrides with manager authorization,Pricing based on cost plus percentage by customer,Pricing calculation by customer by item class,Quantity pricing,Tracks prices by event (by date),Tracks prices by number of maximum units per customer for a promotion,Verifies price of an item online	18	83.33	68.89	88.89

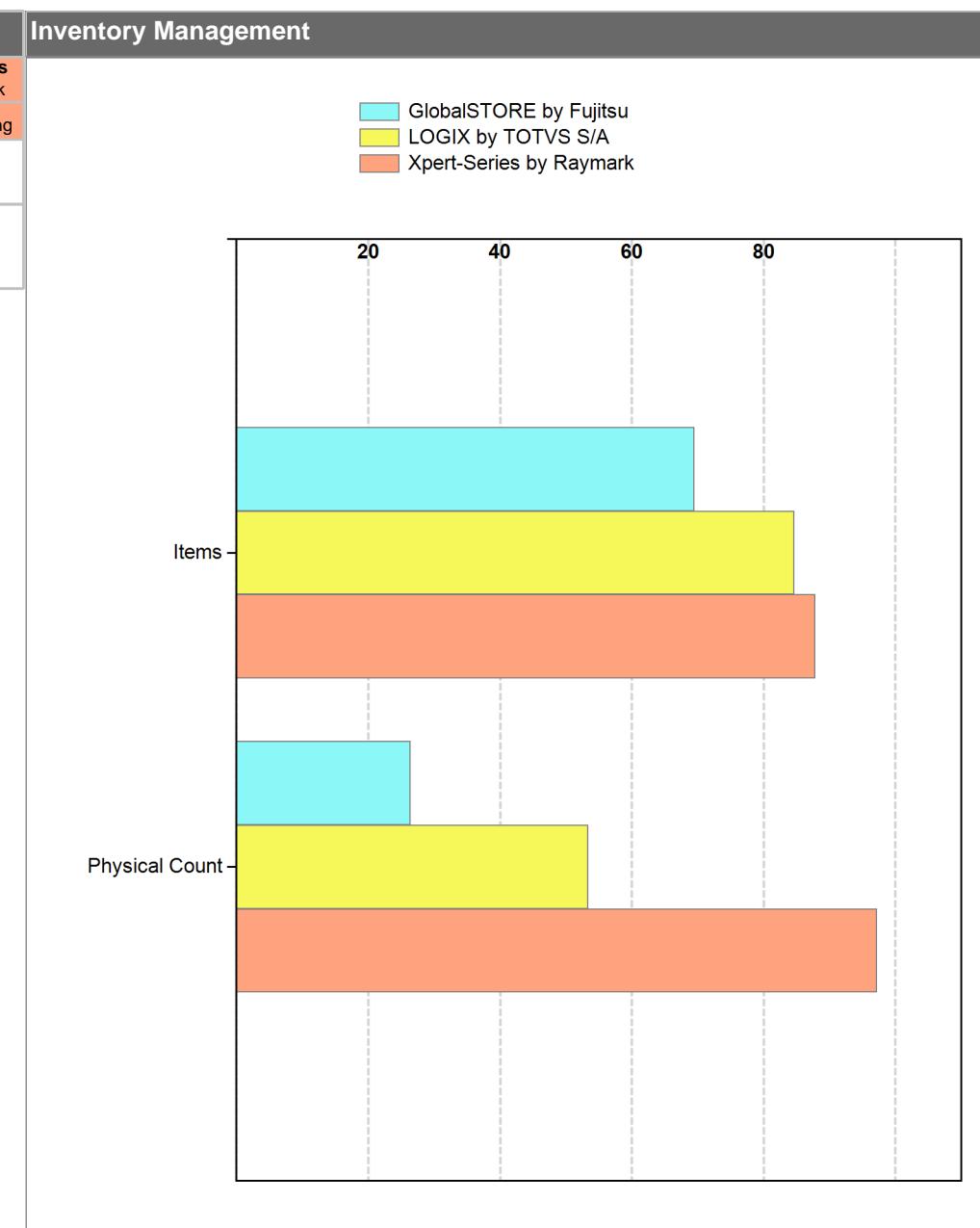


Inventory Management

Inventory management tracks the ins and outs of a product down to the color and size level, using capabilities such as purchase order process, receipt process, allocation process, distribution process, transfer process, style consolidation process, physical count process, and inventory freeze process

Inventory Management Module Ratings

Inventory Management				
Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
		Module Rating	Module Rating	Module Rating
Items	49	69.41	84.62	87.78
Includes: Bar Code, General, UOM				
Physical Count	23	26.35	53.33	97.14
Includes: Cycle Counting Group, Entering Counts, Reports				



Reports and Inquiries

Reports and inquiries encompasses a group of reports or inquiries that are available throughout the point of sale (POS) system.

Reports and Inquiries Module Ratings

Reports and Inquiries					Reports and Inquiries				
Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark					
		Module Rating	Module Rating	Module Rating					
Reports Includes: All sales information can be sent to data warehouse,Customized reports,Extracts any levels of information (from corporate level down to item level),Interfaces with a business intelligence system,Interfaces with third party report writer,Prints date and time on all reports,Prints sales history,Prints store number on all reports,Real-time reports,Real-time reports have drill-down capabilities,Reports current sales information for the day	11	92.73	72.73	90.91					
Inquiries Includes: Check tender sales analysis,Credit card tender sales analysis,Customizes inquiries,Loss and prevention analysis,Queries into customer's sales history,Queries into daily closings,Queries into layaways with its details,Queries productivity by day versus actual,Queries productivity by quarter versus actual,Queries productivity by week versus actual,Queries store accounting,Queries vendor purchase by sales volume,Queries vendor purchases by date,Sales analysis capability	14	88.57	40.00	87.14					
Store Reports and Inquiries Includes: Inquiries on commission,Inquiries on daily bank deposits,Inquiries on daily payroll,Inquiries on daily sales,Inquiries on inventory,Inquiries on paid in and paid outs,Inquiries on returns or refunds by employee ID,Inquiries on sales at SKU level,Inquiries on sales by employee ID,Inquiries on special orders,Inquiries on top sales by department,Inquiries on top sales by items,Inquiries on up to date sales by stores,Inquiries on weekly payroll,Inquiry on up to date sales by department,Inquiry on up to date sales by employee ID,Inquiry on up to date sales by register,Report on up-to-date sales by department,Report on up-to-date sales by employee ID,Report on up-to-date sales by register,Reports commission,Reports daily bank deposits,Reports daily payroll,Reports daily sales,Reports inventory,Reports on paid in/paid outs,Reports on sales by employee ID,Reports on up-to-date sales by stores,Reports returns or refunds by employee ID,Reports sales at SKU level,Reports special orders,Reports top sales by department,Reports top sales by item,Reports weekly payroll	34	100.00	100.00	100.00					
Daily Sales Inquiries and Reports	38	97.63	44.74	97.37					

GlobalSTORE by Fujitsu

LOGIX by TOTVS S/A

Xpert-Series by Raymark

Category	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
Reports	~88	~70	~85
Inquiries	~85	~40	~82
Store Reports and Inquiries	~95	~95	~95
Daily Sales Inquiries and Reports	~95	~42	~92
Employee Audit Reports and Inquiries	~95	~40	~95
Exception Inquiries and Reports	~88	~40	~92
Sale Inquiries and Reports	~95	~68	~95
Customer Inquiries and Reports	~95	~62	~95
Event Reports and Inquiries	~85	~40	~85
Loss Prevention Reports and Inquiries	~95	~58	~95
Audit	~95	~40	~92
Online Capabilities	~95	~40	~95

Reports and Inquiries

Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
		Module Rating	Module Rating	Module Rating
Includes: Inquiries on average dollars per items per customer,Inquiries on average dollars per transaction,Inquiries on discounts by employee number,Inquiries on discounts by type,Inquiries on dollar sales per day,Inquiries on items per transaction,Inquiries on number of customers per day,Inquiries on purchases details,Inquiries on purchases reasons details,Inquiries on receiving,Inquiries on sales by department,Inquiries on sales by hour,Inquiries on sales by salesperson,Inquiries on sales by tender,Inquiries on send sales,Inquiries on taxes,Inquiries on transfers,Reports on average dollars per item, per customer,Reports on average dollars per transaction,Reports on discounts by employee number,Reports on discounts by type,Reports on dollar sales per day,Reports on items per transaction,Reports on number of customer per day,Reports on number of customers per day,Reports on purchases details,Reports on purchases reasons details,Reports on receiving,Reports on sales by department,Reports on sales by hour,Reports on sales by salesperson,Reports on sales by tender,Reports on send sales,Reports on taxes,Reports on transfers				
Employee Audit Reports and Inquiries Includes: Inquiries on average sales,Inquiries on dollars number of gift certificates,Inquiries on dollars per number of cash refunds,Inquiries on dollars per number of exchanges,Inquiries on dollars per number of store credits,Inquiries on dollars per number of voids,Inquiries on dollars-over per short,Inquiries on number of customers served per hour,Inquiries on number of items sold per hour,Inquiries on number of price overrides,Reports on average sales,Reports on dollars number of gift certificates,Reports on dollars per number of cash refunds,Reports on dollars per number of exchanges,Reports on dollars per number of store credits,Reports on dollars per number of voids,Reports on dollars-over per short,Reports on number of customers served per hour,Reports on number of items sold per hour,Reports on number of price overrides	20	100.00	40.00	100.00
Exception Inquiries and Reports Includes: Inquiries on gift certificates issued and redeemed,Inquiries on order cancels,Inquiries on price changes,Inquiries on price overrides,Inquiries on store credits issued and redeemed,Inquiries on tax override,Reports on gift certificates issued and redeemed,Reports on order cancels,Reports on price changes,Reports on price overrides,Reports on store credits issued and redeemed,Reports on tax override	12	95.00	40.00	100.00
Sale Inquiries and Reports Includes: Inquiries on dollar markdowns,Inquiries on dollar promotional sales,Inquiries on dollar sales,Inquiry on previous day history,Reports on dollar markdowns,Reports on dollar promotional sales,Reports on dollar sales,Reports on previous day history	8	100.00	70.00	100.00
Customer Inquires and Reports	18	100.00	63.33	100.00

Reports and Inquiries

Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
		Module Rating	Module Rating	Module Rating
Includes: Inquiries on average item cost,Inquiries on customer counts,Inquiries on customer tracking by day,Inquiries on customer tracking by month,Inquiries on customer tracking by week,Inquiries on items per transaction,Inquiries on number of items sold (net of returns),Inquiries on number of transactions,Inquiries on transactions per customer,Reports on average item cost,Reports on customer counts,Reports on customer tracking by day,Reports on customer tracking by month,Reports on customer tracking by week,Reports on items per transaction,Reports on number of items sold (net of returns),Reports on number of transactions,Reports on transactions per customer				
Event Reports and Inquiries Includes: Inquiries on average item cost following an event,Inquiries on customer counts following an event,Inquiries on event tracking by day,Inquiries on event tracking by event,Inquiries on event tracking by month,Inquiries on event tracking by week,Inquiries on item per transaction following an event,Inquiries on items sold (net of returns) following an event,Inquiries on number of transactions following an event,Inquiries on transactions per customer following an event,Inquiries on UPC/SKU of event item(s) following an event,Reports on average item cost following an event,Reports on customer counts following an event,Reports on event tracking by day,Reports on event tracking by event,Reports on event tracking by month,Reports on event tracking by week,Reports on item per transaction following an event,Reports on items sold (net of returns) following an event,Reports on number of transactions following an event,Reports on transactions per customer following an event,Reports on UPC or SKU of event item(s) following an event	22	84.55	40.00	0.00
Loss Prevention Reports and Inquiries Includes: Inquiries on number of cancels,Inquiries on number of employee discounts,Inquiries on number of exchanges,Inquiries on number of post voids,Inquiries on number of price overrides,Inquiries on number of returns by tender type,Inquiries on number of times cash drawer was opened without a sale,Inquiries on number of voids,Inquiries on total amount of cancels,Inquiries on total amount of employee discounts,Inquiries on total amount of exchanges,Inquiries on total amount of post voids,Inquiries on total amount of price overrides,Inquiries on total amount of returns by tender type,Inquiries on total amount of voids,Report on number of cash drawer opening without a sale,Report on number of exchanges,Report on number of post voids,Report on number of price overrides,Report on number of returns by tender type,Report on number of voids,Report on total amount of cancels,Report on total amount of employee discounts,Report on total amount of exchanges,Report on total amount of post voids,Report on total amount of price overrides,Report on total amount of returns by tender type,Report on total amount of voids,Reports on number of cancels,Reports on number of employee discounts	30	100.00	58.00	100.00
Audit	14	100.00	0.00	95.71

Reports and Inquiries

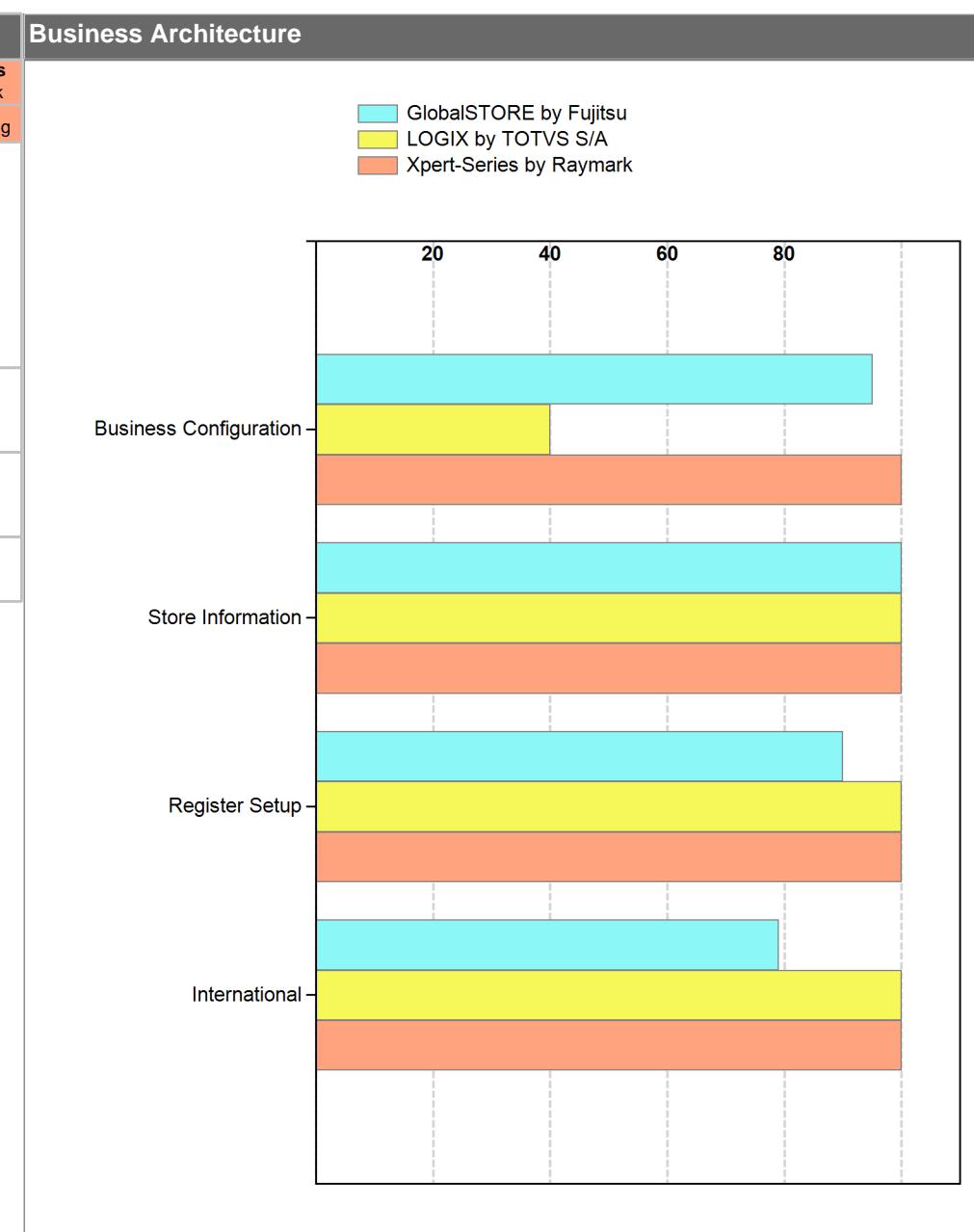
Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
		Module Rating	Module Rating	Module Rating
Includes: Identifies excessive number of cash drawer opening with no sales,Identifies excessive number of returns,Identifies excessive number of voids,Searches and retrieves data by date and time,Searches and retrieves data by employee ID,Searches and retrieves data by register number,Searches and retrieves data by store,Searches and retrieves data by transaction amount,Searches and retrieves data by transaction type,Tracks and reports employees' sales,Tracks and reports markdowns,Tracks and reports returns,Tracks and reports tax overrides,Tracks and reports voids				
Online Capabilities Includes: Graphical report available online,Online inquiry on actual price,Online inquiry on customer code,Online inquiry on customer returns,Online inquiry on gift certificates redeemed,Online inquiry on item(s),Online inquiry on PLU price,Online inquiry on price overrides,Online inquiry on promotion code,Online inquiry on promotion code discounts,Online inquiry on quantity,Online inquiry on sales associate number,Online inquiry on store credits redeemed,Online inquiry on store number,Online inquiry on tender type (detail),Online inquiry on transaction date,Online inquiry on transaction ID,Online inquiry on transaction time,Online inquiry on void	19	98.42	40.00	100.00

Business Architecture

Business architecture encompasses a group of general information that can be stored in the point of sale (POS) system.

Business Architecture Module Ratings

Business Architecture				
Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
		Module Rating	Module Rating	Module Rating
Business Configuration Includes: Business date of transaction in year/month/date format, Calendar date/time in year/month/day format, Cashier ID, Cashier name, Currency code based ISO 4217, Drawer ID, N-tier corporate hierarchy, Restricts item(s) sales to particular register or group of registers, Shift ID and format, Time in hours/minutes/second format, Transaction ID length is a minimum fifteen digits, Unique ID for transactions	12	95.00	40.00	100.00
Store Information Includes: Company ID, Country code, Division ID, Region code, Store ID, Store name, Zone ID	7	100.00	100.00	100.00
Register Setup Includes: Register ID, Register's location, Register's name or description	3	90.00	100.00	100.00
International Includes: Foreign Currency Tender, Languages	9	79.00	100.00	100.00



Product Technology

This group of criteria defines the technical architecture of the product as well as the technological environment in which the product can run successfully. Criteria include product and application architecture, software usability and administration, platform and database support, application standards support, communications and protocol support and integration capabilities. Relative to the other evaluation criteria, best practice selections place a lower relative importance on the product technology criterion. This apparently lower importance is deceptive because the product technology usually houses the majority of the selecting organization's mandatory criteria, which generally include server, client, protocol and database support, application scalability, and other architectural capabilities. The definition of mandatory criteria within this set often allows the client to quickly narrow the long list of potential vendors to a short list of applicable solutions that pass muster relative to the most basic mandatory selection criteria.

Product Technology Module Ratings

Module	Total Criteria	GlobalSTORE by Fujitsu	LOGIX by TOTVS S/A	Xpert-Series by Raymark
		Module Rating	Module Rating	Module Rating
Architecture Includes: Application Security,Architectural Foundation,Data Integration Technologies,Device Interfaces,Integration,Messaging Protocols,Web Enablement	201	80.60	58.05	85.45
User Interface Includes: UI Configurability	21	91.43	80.95	74.29
Application Tools Includes: Application development tools,Application management tools,Business Model Generation,Process Modeling and Updating	21	80.00	55.00	27.50
Security Includes: Administration,Encryption and Authentication,Log Analysis,Policy Management,Reporting,System Security	43	61.27	39.51	68.86
Platforms Includes: Database,Server OS,Workstation OS	33	44.44	42.59	30.93
Reporting Includes: Active or inactive status,Ad hoc inquiry capability from within the ERP product,Local report printing (not centralized printing and distribution),Reports available online	4	100.00	50.00	100.00

