WINCOR NIXDORF

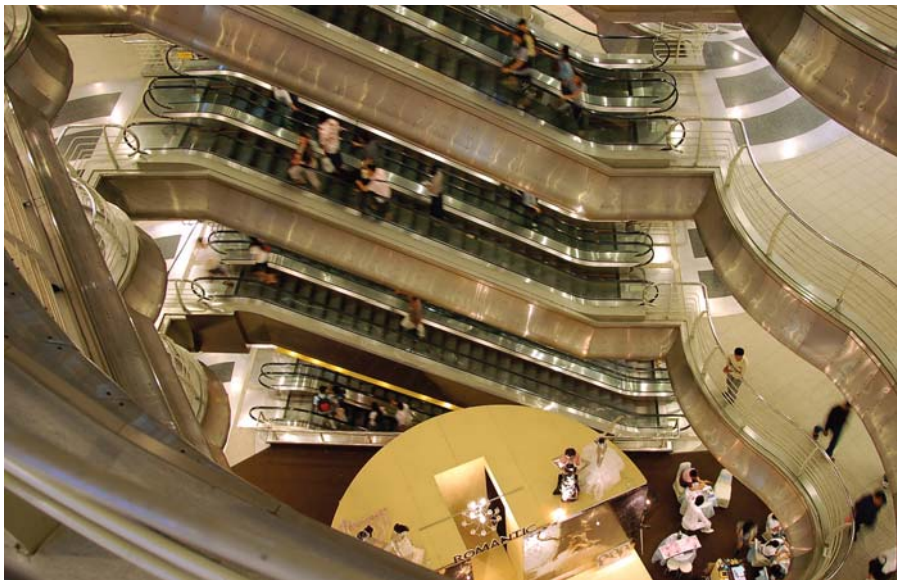
TPLinux

Innovation and Migration from a Single Source

■ TPLinux is one of the most flexible Linux-based store solutions available on the global market. Coupled with its versatility of use, outstanding integration mechanisms and the experience gained with over 50,000 TPLinux installations worldwide, TPLinux is ideal both for modernizing store IT and for migrating and using established POS hardware platforms.

Future-oriented solution for Linux-based checkouts

RETAIL APPLICATION SUITE
TPLinux



Use the store server functions enterprise-wide

TPLinux reveals one of its unique selling points at the very first glance: The Web architecture of the Back Store module. All users work with it to access the TPLinux server no matter whether they are at stores or at the head office. Certain functions, analyses, statistics and reports can be retrieved, depending on the profile of the employee in question.

This means that every workstation on the network has access to all administrative applications and data using any Web browser. Invaluable advantage: a store can also be administered from outside, and store-specific key performance indicators can be made available to all organizational levels at the retail company.

Ideal for migration – open scalable platform

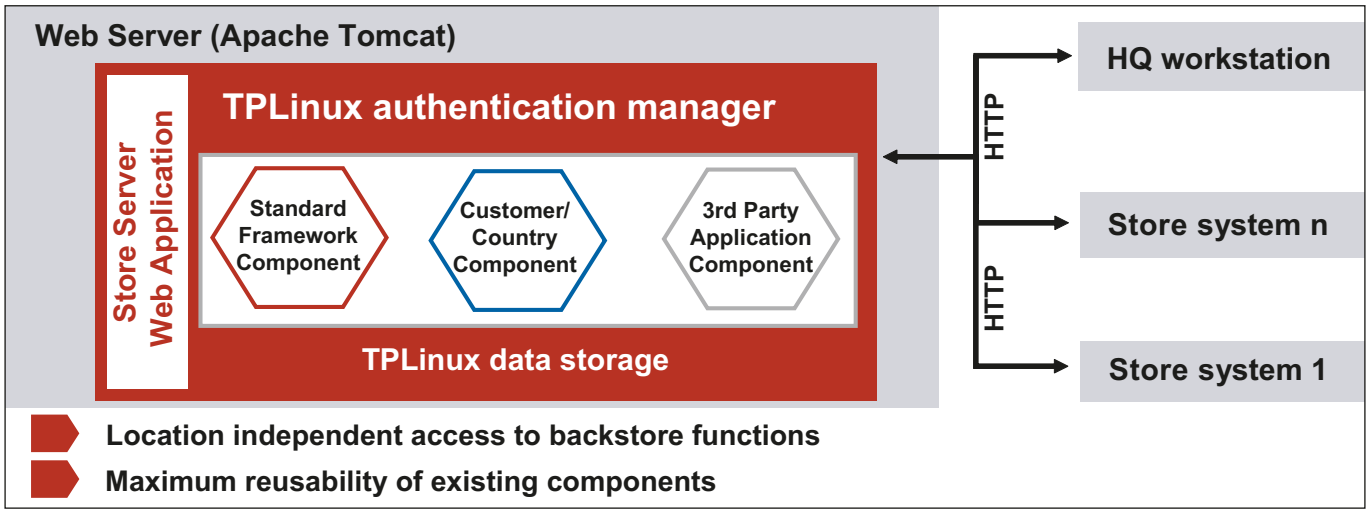
Using Linux as the homogeneous platform for POS and back-store systems ensures that TPLinux can be scaled in line with various hardware requirements. This store solution is therefore ideal for migrating from an MS-DOS-based store environment to a modern 32-bit environment. At the same time, there is no need to adapt the solution when the hardware configuration is extended, such as by introducing touchscreens.

It is also good to know that TPLinux is entirely based on standard technologies. As a result, the application will not only run perfectly on Wincor Nixdorf's own BEETLE hardware platform but also on other vendors' hardware, such as PC-based systems, IBM 4694 and Unisys Babypos. These systems only need to meet certain memory and processor requirements.

Another advantage of using the Linux operating system is that it supports remote maintenance of all networked workstations as a standard function.

Maximum scalability for any retail format

TPLinux delivers perfect services for any kind of retail format, no matter whether these are small individual stores, medium-sized chain stores or national or multinational retail organizations. Because this store solution can run in a client/server configuration with up to two dedicated servers and up to 240 POS clients, or in standalone mode as a so-called master POS system. A master POS system can, in turn, serve up to 10 dedicated POS clients.



Standards protect IT investments and ensure integrability

We have designed and developed TPLinux consistently on the basis of standard technologies. This protects the investments that retail organizations have made in IT and ensures that TPLinux stays compatible with future hardware and software products. It is therefore a strategic product with which Wincor Nixdorf guarantees a lasting partnership with its customers and continuity in its development.

A key factor for the success of TPLinux is its excellent integrability in central and decentralized IT components at a retail company, for example in merchandise management systems or time recording systems, as well as solutions to automate store processes. To ensure that information is transparent throughout a retail company, it is essential for all components in the IT infrastructure to communicate and interact optimally with each other.

Reduce your total cost of ownership (TCO)

All the benefits of TPLinux – such as standardization, openness, modularity and internationality – help to reduce your total cost of ownership. After all, a standard solution such as TPLinux is significantly less expensive than a custom software solution.

Another special aspect of this store solution helps to keep TCO low: ease of learning and use, no matter whether via a graphical user interface at the point of sale or in the back store, or through customizing options. This largely prevents high training costs and operating errors.

Finally, the Web-based architecture of TPLinux makes it easier to control and monitor your network of stores. Both the management facilities for the individual stores and all analyses and reports can be accessed from various locations within the retail organization.

Ideally equipped for international expansion

On the basis of our longstanding experience with international Linux-based software solutions, TPLinux meets the requirements of various organizational structures, and can be adapted easily to national needs or legal issues such as EFT and tax rules. That reduces not only the acquisition cost of the system but also maintenance and support costs.

Flexible, easy definition of discounts and promotions

The TPLinux promotion engine provides a variety of discount methods enabling retailers to pursue a differentiated policy when it comes to terms and conditions, and to set up selective, flexible promotions. The discounts defined here are identified automatically at the POS. Discount criteria, such as customer/item categories and promotion periods, are available in conjunction with a wide range of discount types to ensure maximum flexibility when arranging promotions.

TPLinux

INNOVATION AND MIGRATION
FROM A SINGLE SOURCE

Store Solutions

TP.net

TPLinux

POSition

Customer Services

TPiSCAN
Self Checkout

TPiSHOP
Mobile Shopping

TPiBISTRO
Canteen & QSR

CMC
Customer Managed Checkout

Infrastructure

TPCM
Communication Management

Enterprise Solutions

TPAdmin
Centralized Store Management
Campaign Maintenance

TPAnalyze
Fraud Detection
Centralized Reporting
Customer Loyalty

TPLinux in the back store

Store and POS parameters
- General system parameters
- POS printing and display options
- POS terminal map
- HALO / LALO
- Keyboard, receipt and document layouts
- Data entry sequences
- Restricted sales groups
- POS messages
- Validation text sets and rotating displays
- POS manager commands
- 24 h operation

Master data management
- Items
- Extra PLU maintenance
- Departments / hierarchy levels
- Cashiers / sales assistants
- Customers
- Payment media and media groups

Reports and statistics
- Master data reports, for example:
  - Items, departments, hierarchy levels
  - Employees
  - Customers
- Cashiers / terminal reports
  - Cashier reports (X / Z reports, interim / consolidated reports)
  - Payment media reports
  - Pick-up and float reports
- Account reports
- Sales reports
  - Sales per item / department / hierarchy level
  - Terminal / employee sales reports
  - Receipt store and recall: Productivity per period
  - Returns / refunds per main department
  - Top sellers by quantity and revenue
- Statistical reports
  - POS manager intervention
  - Terminal / cashier statistics
- Diagnostic reports

Pricing / discounting
- Selling price
- Various discount criteria and rules
- Promotion periods

Cash management
- Cashier reconciliation
- Cashier correction
- Manager check

Utilities
- Services
- Help
- Cashier monitoring
- Remote commands
- Data import / export

End of day
- System reorganization
- Process management

TPLinux in the front store

Standard sales functions
- Item registration (scanner / keyboard)
- PLU code / EAN / UPC
- Preset item keys
- Department entry
- Repetition key
- Quantity / price key
- Multiplication
- Items sold by weight
- Price inquiry
- Returns / complaints
- Empties
- Markdowns
- Discounts / surcharges
- Deposits
- Accumulator display
- Tax, add-on tax, discount exceptions
- Customer entry
- Corrections
  - Immediate void
  - Line void
  - Receipt termination
  - Receipt cancellation
  - Void transaction
  - Payment media correction
  - Payment media void
- Store / call receipt
- Subtotals / grand total

Payment functions
- Payment media and foreign currencies
- Payment media swapping
- Credit / customer cards
- Downpayments
- Store-issued / vendor coupons

Cash management / banking functions
- Floats
- Pick-ups
- Automatic pick-ups
- Media declaration
- Cash-in
- Cash-out

Cashier functions
- Employee sign-on / sign-off
- Break / automatic break
- Sales assistant assignment
- Input of actual balance by operator

Printing at the POS
- Receipts
- Logos
- Stubs
- Journal
- Receipt reprints
- Tax details
- Form printing and review
- Documents

POS manager functions
- Available commands report
- Cashier / terminal X and Z reports
- Accountability reports
- Media flash reports
- Client status reports
- POS modes (sale, return, rekey, inquiry, training, cashier, till mode)
- Reduced printing on / off
- Printing receipt headers
- Printing receipt trailers on journal
- Forced sign-off
- Printing, changing and resetting pins
- Setting, unsetting, setting next assistant number
- Sending messages
- Opening the cash drawer
- Exit from POS mode (shut down)

Utilities
- No sale
- Counters
- Training mode
- Data entry sequences

Highlights

Compelling basics
- End-to-end Linux-based front-store solution
- Predestined for POS hardware migration
- Web-based store server component

Extensive functionality
- Covers a variety of business requirements
- Sophisticated discount system

Scalability and flexibility
- Master POS and client / server configuration (up to 240 POS terminals)
- Line display (2 / 4 lines) or GUI (touchscreen optional)
- Support of 3rd party hardware, e.g. PC-based POS systems, IBM 4694, Unisys BabyPos

Highly integrable
- Use of technology and industry standards
- Web technologies and relational data storage
- Data export in XML, HTML, PDF, Excel format

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