WINCOR NIXDORF

TP.net

Centrally Controllable Store Platform

RETAIL APPLICATION SUITE
TP.net

STORE PLATFORM

■ International availability, easy adaptability and scalability – that is where Wincor Nixdorf's TP.net solution comes in to help you organize and control your store IT flexibly. It is the ideal platform for all retail companies as it is easy, innovative and very flexible.

TP.net – all-rounder tailored to your requirements

One store solution – diverse possibilities

TP.net meets all requirements for resilience, stability and segment-independent functionality. Moreover, TP.net functions can also be integrated in other store solutions. This makes it possible to implement diverse checkout concepts ranging from self-checkouts and mobile shopping assistants to conventional POS workstations. Without increasing the complexity of store IT and without necessitating redundant function development.

Central advantages – enterprise management

It is becoming increasingly necessary to manage store networks from a central location to ensure the success of retail companies. We have therefore put together a highly efficient package – TP.net Enterprise. With it, you will benefit from maximum transparency and efficiency of processes and systems, fast responsiveness to market situations, and efficient realization of corporate policy. TP.net Enterprise has three core functions that can be used independently of each other:

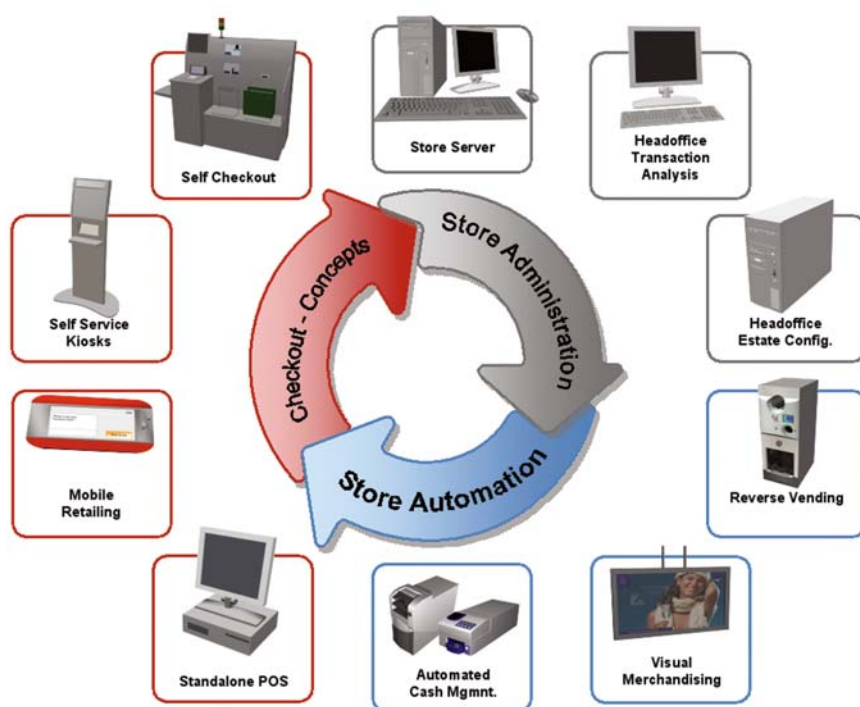**Control center:** enterprise-wide control of store systems

Analyses: up-to-date, meaningful store analyses and reports

Campaigns: organization and initiation of campaigns and promotions

Reduced TCO and fast RoI

Boasting a whole array of features and functions, TP.net ensures low total cost of ownership and a fast return on investment for retailers.

■ Its graphical user interface, built-in training facilities, and external e-learning tools reduce the time needed for familiarization and minimize operating errors.

Scalability

Single POS Store	Small Store	Medium-sized Store	Large Store
			optional: 1 Web Service Server
		optional: n mobile POS up to 50 POS	optional: n mobile POS up to 200 POS
	1-9 Client POS		
Master POS	Master POS	1 Store Server	1 Store Server

■ Central management increases responsiveness and optimizes the use of resources, no matter whether it comes to configuring different TP.net store systems or managing and arranging system functionality and specific discount schemes.

■ Its internal installation services make it easier to distribute and install TP.net updates, upgrades or new versions

■ Mechanisms such as its remote command engine and Web service-based access to the checkout function avoid redundant developments

Easy, fast implementation of projects

TP.net applies the plug & play principle to the functionality of a POS application. The main advantage of this is that functional extensions do not have an impact on existing business components. This guarantees high system stability, effective quality assurance and fast, easy adaptation of its functionality to retail business processes, while retaining all the advantages of an international standard product.

Innovative communication mechanisms ensure smooth integration in existing IT landscapes. For example, integration to SAP's, Aldata's or Microsoft Navision's merchandise management systems are already part of the standard repertoire of TP.net. Interface elements such as reports and receipt and screen layouts can be adapted to the retailer's specific requirements without affecting business functionality. This is where TP.net's multitier software architecture comes in. It clearly separates the user interface from business procedures and technical services.
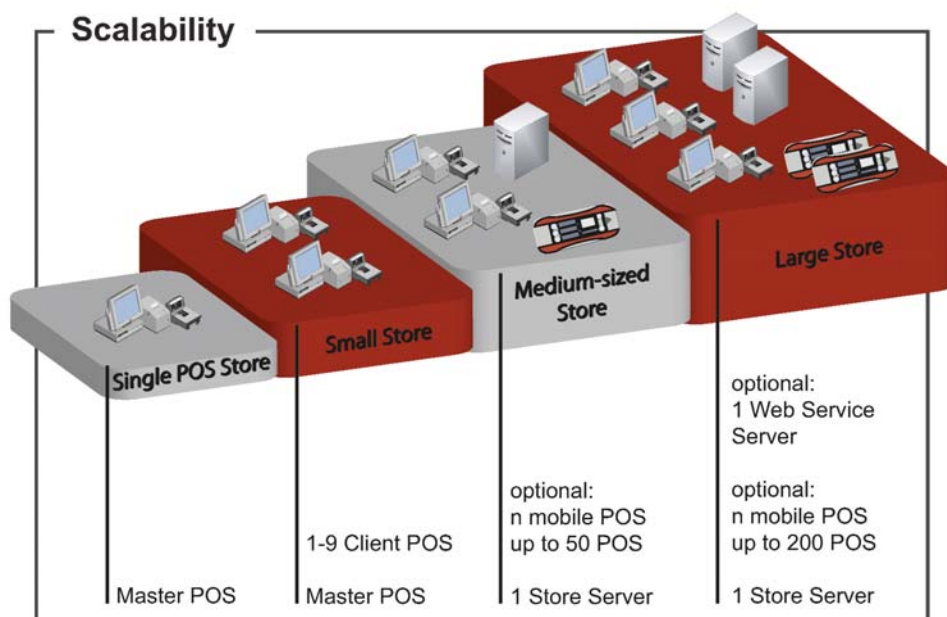
Open and scalable for any retail format

TP.net cuts a fine figure in any retail format – small, medium-sized, large or very large store organizations. As a true multitalent, it can be deployed in a client / server configuration with a dedicated server and up to 200 POS clients and in stand-alone mode as a so-called master POS. A master POS can, in turn, serve up to 9 dedicated POS clients. These configurations can be supplemented by lean terminals, such as mobile POS systems, that draw upon TP.net's functionality over the Web.

TP.net in the front store

Basic functionality
■ Data storage based on POS terminal or operator
■ POS groups
■ General POS parameters
■ Access rights / authorization for POS functions
■ POS offline mode
■ Tax calculation
■ Barcode processing
■ Card handling
■ 24/7 operations

Cashier functions
■ Cashier logon / logoff
■ Breaks / POS locking
■ Automatic breaks

Standard sales functions
■ Item registration
■ Handling of item number (PLU code) not found
■ Item search
■ Item groups / open items
■ Item sets
■ Packs
■ Automatic linked items
■ Item repetition
■ Items sold by quantity, weight or length
■ Vouchers
■ Price changes
■ Returns / complaints
■ Comments / reasons

■ Empties / deposits
■ Immediate void / line void
■ Employee / customer identification
■ Marketing data collection (postal codes)
■ Sales assistant assignment
■ Items on approval
■ Subtotals / grand total

Discounts and promotions
■ Manual discounts
■ Variety of automatic discounts (promotion engine)

Receipt functions
■ No sale function
■ Receipt termination
■ Receipt store & recall
■ Subsequent receipt cancellation
■ Receipt printing
■ Aggregated receipt printing / subtotals
■ Receipt reprinting / repetition
■ Choice of receipt or invoice printing
■ Document / ticket / voucher printing
■ Check printing
■ Coupon printing
■ Barcode printing
■ Operator X / Z reports
■ Paper / electronic journal

Payment functions
■ Payment media selection
 – Foreign currencies
 – Checks
 – Credit card handling (Wincor Nixdorf O.P.I.)
 – Vouchers / coupons
 – Customer accounts / purchase on account
■ Split media per receipt
■ Payment media cancellation
■ Payment media swapping
■ Payment media correction
■ Vouchers / coupons
■ Downpayments / balances
■ Prepaid card topping up

Cash management
■ Float recording / debiting
■ Pick-ups
■ Cash in / out
■ Cashier / POS reconciliation

Front-store utilities
■ Training mode
■ Language selection
■ Online help system
■ Messaging / mailing
■ Inventory shrinkage
■ Physical inventory
■ End-of-day processing

TP.net

CENTRALLY CONTROLLABLE STORE PLATFORM

RETAIL APPLICATION SUITE
GLOBAL SOLUTIONS

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

TP.net in the back store

Master data management
- Items / item groups / item categories
- Item sets
- Departments / department groups
- Campaigns
- Taxes
- Customers / customer groups / customer categories
- Customer accounts
- Customer-specific prices
- Payment media / payment media groups
- Exchange rates
- Comments / reasons
- POS tableaux
- Scheduled batch processing
- Store data
- Operator data
- Barcode templates
- Financial accounts
- User profiles
- Deletion of expired issues on approval
- Voucher management

POS configuration
- General POS parameters
- Operator POS parameters
- Sales POS parameters
- Correction POS parameters
- Payment media POS parameters
- Transaction POS parameters
- Special POS parameters

Discount management
- Discount criteria
- Discount rules
- Item set management

Cash management
- Pick-ups / floats
- Cash in / out
- Cashier / POS reconciliation
- Cashier / POS Z reports
- Correction of reconciliation data
- Cash office

Analyses / reports / statistics
- Sales and revenue data
- Issues on approval
- Configuration reports
- Customer accounts
- Cash management reports
- Operator statistics
- Customer frequency analyses
- PLU-code-not-found reports
- Master data reports
- Evaluation of the electronic journal
- Host data downloading / uploading
- Workstation status

End of day
- System reorganization
- Process management
- End-of-day reports

Highlights

Flexible deployment
- Functionality extending across market segments
- Intelligent promotion engine
- Storewide online access to POS functionality
- Proven platform for self-checkout solutions
- Mobile POS (online)
- Master POS, client / server configuration or Web application

Low TCO and fast RoI
- Reusability of business plug-ins
- Central system configuration
- Easy to install and maintain
- Quick and easy product extendability

Easy IT integration on various levels
- Open data storage
- Remote command engine
- Wide range of data exchange options
- Web service concept

Easy to adapt and extend
- Plug-in software concept
- Outstanding configuration mechanisms
- Robust multi-tier architecture

Central control of store landscape
- Mapping of the store hierarchy
- Central parameterization
- Aggregated reports and analyses
- Central campaign control