

NAMOS compact

Reducing complexity and cost –
a global Point-of-Sale Solution
for the Petroleum/ Convenience business

AT A GLANCE

One global solution

- Suitable for all operating types and sizes of service stations
- Suitable for all countries
- Function-rich core solution
- Locally required developments and peripherals can be easily integrated

Reduced Total Cost of Ownership

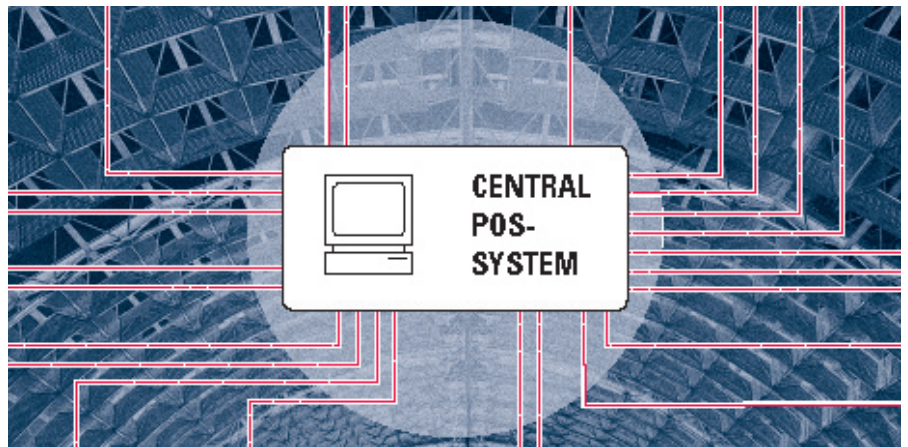
- Wide use of standards and component-based architecture
- Fast and easy remote maintenance and upgrades
- Reduced training costs through easy to use and intuitive Graphical User Interface

Fast development and implementation

- Functional enhancements are developed quickly and easily
- Reduced time to market for new ideas / initiatives
- New developments can be applied globally

Flexibility and easy integration of third party solutions

- Component-based, open multi-layer architecture
- Standards-based interfaces
- High level of flexibility to chose functionalities from providers that best suit business requirements



The conditions of today's Petroleum/ Convenience Market are quite simply challenging. They call for a comprehensive and innovative solution. A solution that manages the entire service station and integrates third party solutions, yet remains simple and easy to use.

A one stop solution: ■ The *i*-SERVICE STATION

With NAMOS compact, the core of *i*-SERVICE STATION, Wincor Nixdorf sets new standards for Petroleum/ Convenience Point-of-Sale systems. Its flexibility enables the same solution to be used across the global network, no matter what operating types or size of Petroleum/ Convenience operation. NAMOS compact is installed with

leading companies throughout the world and is currently available in 14 different languages.

■ Flexibility and openness thanks to standards and modularity

NAMOS compact has a modular and component-based architecture which is entirely based on Microsoft® platforms and technologies. It can be easily adapted to specific customer or market requirements and allows the fast integration of third-party solutions, without losing the advantages associated with a standard solution. NAMOS compact was designed with the lowest possible Total Cost of Ownership in mind and the robustness and resilience required for the demanding Petroleum/ Convenience environment.

NAMOS compact

Flexibility and openness thanks to standards and modularity

The NAMOS compact architecture consists of the following applications

POS application

handles payment and forecourt control functionalities and all related POS peripherals: Car Wash, QSR, Beverage Dispensers, Electronic Shelf Labelling and more. NAMOS compact's intuitive Graphical User Interface is easy to use and learn. It provides three layers of freely configurable speed keys increasing customer satisfaction through fast and accurate transactions.

A major advantage of NAMOS compact's multi-tier architecture is the separation of the Grafical User Interface from business functionality and technical services, enabling the customisation of the user interface to be done without any modifications to the business functions and vice versa. Leveraging the plug & play concept of its component-based architecture, extensions or changes to business functions have no impact on existing business components, making NAMOS compact a flexible and modular solution (see graphic).

Wet Data Manager application

manages all forecourt equipment. A reliable, stable and secure IFSF-compliant software manages, controls and integrates the complete forecourt, while providing a resilience concept. Proprietary non-IFSF forecourt equipment can be interfaced with a forecourt controller. This software-based solution is a far more cost-effective solution than its hardware-based counterpart and can be updated remotely.

Managers Workstation application

allows sites to perform basic back office tasks without having to invest in a full Back-Office system. Service Station

operators can run end-of day procedures, shift, daily or monthly reports, site or item sales analysis and statistics, maintenance, etc. Additional modules like Local Account, Fuel Stock Management and Loyalty Programs are available, thus increasing customer service, building customer retention and improving the site operator's efficiency.

Back-Office and/or Head-Office interface

based on XML technology, enables you to easily integrate any existing or new Back-Office and/or Head-Office system, including web-enabled systems. With NAMOS retail, we can also supply powerful Back- and Head-Office systems that serve the individual customer needs and supports all business scenarios.

System platforms, technologies, retail and software standards

Operating system:

- MS Windows

Database:

- MS SQL Server
- MSDE

Development environment:

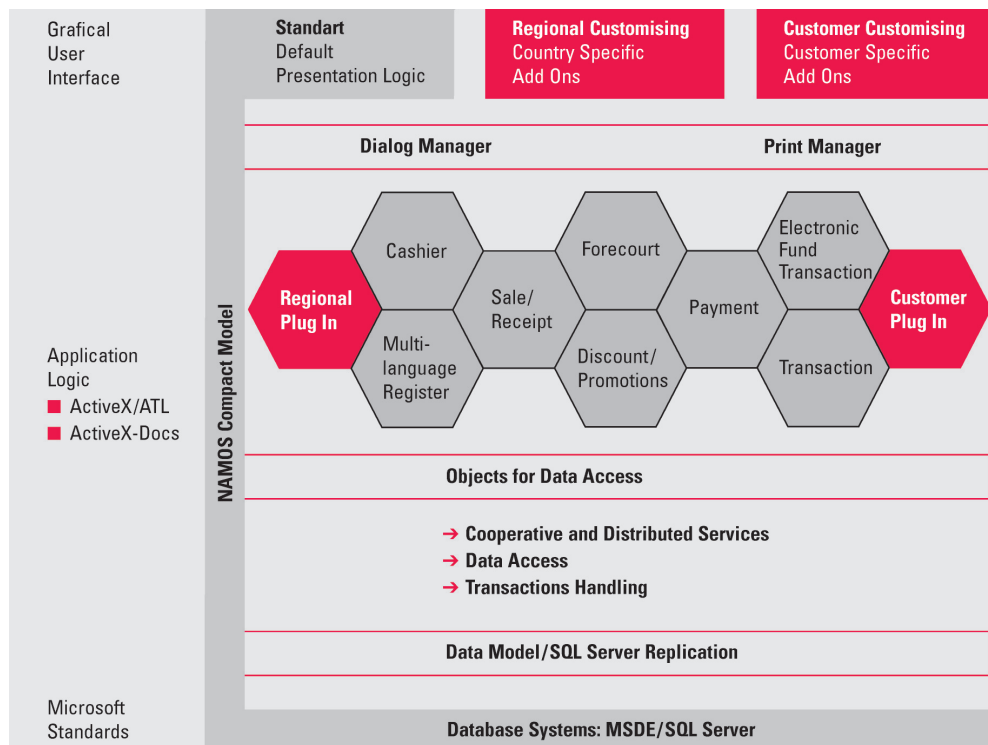
- MS .NET
- MS COM
- MS ATL components
- MS ActiveX

Retail and software standards:

NAMOS compact provides unsurpassed openness and flexibility through its wide use of standards:

- ADO/ OLE DB
- NAXML/XML-based data exchange
- UPOS/OPOS peripheral control concept
- IFSF Forecourt Standards
- IFSF EPS Server Support (O.P.I.)

▼ NAMOS compact Component Model



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Functionalites

NAMOS compact delivers exceptional customer service through its wide range of easy to use business functionalities.

Payment Functions

- Petrol sales with pre-released pumps
 - Petrol sales with pump release on demand
 - Pre-paid petrol sale (cash, currency, imprinter)
 - Pre-set value and amount for petrol sale
 - Incomplete pre-paid sale
 - Item identification by barcode
 - Item identification by PLU
 - Items with price entry
 - Item price request
 - Multiple sales (petrol and shop items)
 - Repeat key
 - On-site food consumption / take-away
 - Price overwrite for scanned items
 - Pay in / Pay out
 - Cash back / Cash out
 - No sale (open cash drawer)
 - Void last line in a receipt
 - Line cancellation
 - Void whole receipt
 - Abort receipt
 - Bottle Deposit Refund
- Memory Fiscal Support
 - Subtotal / total
 - Tax calculation options
 - Suspend receipt
 - Discount
 - Value
 - Percentage
 - Receipt
 - Pre-defined with item black/white list
 - Local Account
 - Cash Customer
 - Local Account customer pre-payment
 - Pump test
 - Different payment types
 - Cash
 - Foreign Currencies
 - Volume/Value Coupon
 - Credit/Debit/Fuel Cards
 - Imprinter with card assignment
 - Returns for all methods of payment
 - Selling mixed fuel items (two-stroke fuel mix)
 - Multiple concurrent sales
 - Left-hand usage

Administrative POS Functions

- Flexible receipt design
 - Sign on/Sign off operator
 - Start/ End Break of current shift
 - X/ Z Reports
 - Electronic Journal
 - Configurable safe drop alerts
 - Load POS parameters
 - Activate new software/ system parameter
 - Software ID/ Language change
 - Switch on/ off receipt printer
- Reprint receipt from electronic journal
 - Safe Drop
 - Float
 - Reactivate POS devices
 - Promotions Engine
 - Outdoor payment terminal control
 - Mail message at POS

Managers Workstation Functions

- Shop/ Wet Item Management
- Forecourt Configuration Tool
- Item Families & Departments
- Administration Functions
- POS and Tax Parameters
- Cashier Maintenance
- MOP Maintenance
- Utilities (Back up, Recovery, etc.)
- Shift Reconciliation
- Fuel Stock Management
- Data Import & Export
- Sales Reporting/ Statistics
- Competitor information
- Integrated Digital Video Control
- Local Account
- Local Cash Account
- Go Live
- Dealer Change
- Configuration of visible fuel points

Forecourt Functions

- Integrated Pump control at POS
- All start/ stop dispensers
- Single start/ stop dispenser
- Test sales
- Drive off/ drive off snooze alarm
- Price query
- Repeat line
- Fuel price change
- Change service mode
- Change price pole
- Configuration of visible fuel points
- Change business mode
- Set limits
- Pre-payment for fuel / dry stock items
- Print ATG dippings
- Vapour recovery alarm

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Benefits of advanced technologies and concepts

System openness

- Runs on any standard PC based hardware meeting the minimum specifications:
- 512MB RAM
- 10GB Hard Disc
- Its flexibility allows it to be used as a networked system or as a single-station system

Modular standard package

- Component-based software architecture
- Can be easily tailored to specific requirements without losing the advantages of a standard solution

Reduced Total Cost of Ownership

- Wide use of standard and component-based architecture
- Fast and easy remote maintenance and upgrades
- Reduced Training costs through easy to use and intuitive Graphical User Interface (GUI)
- Integrated Forecourt Controller: DOMS, Postec, Allied (Andy/Nexgen), GIA, Turpak, Asiajumper, etc.

Innovative customizing

- Plug & Play – great flexibility and minimum effort

Protection of investments through standards

- Standardized peripheral interface (OPOS)
- Based on Microsoft's core technologies (e.g. COM/DCOM, .NET, ATL, Microsoft Windows operating systems)

Fast development and implementation

- Functional enhancements are developed quickly and easily
- Reduced time to market for new ideas/ initiatives
- New developments can be applied globally

Runs in different business environments

- Common POS platform for your CoCo, CoDo, DoDo, CoFo network
- Large, medium, small and unattended sites
- Flexible configuration for today and tomorrow:
 - POS and Managers Workstation only
 - POS and local Back-Office System
 - POS and web-enabled Back-Office System

Function-rich core solution

- Global solution
- Suitable for all countries
- Integration in all 5 continents
- Wide range of business functionalities for global P/C stores
- Flexible functional parameters/ configurations in line with various customer/country requirements

Proven software solution

- Successful international installations reflect Wincor Nixdorf's extensive experience

Flexibility and easy integration of third party integration

- Open standards-based interfaces
- High level of flexibility to chose functionalities from providers that best suit business requirements

Easy to Use

- Touch screen
- Intuitive handling
- Ergonomic GUI
- Fast and easy training

Expandability in architecture and system configurations

- Additional POS
- Different peripherals
- New software modules

Reliability and Resilience

- Hierarchized backup strategy
- Hard Disc Mirroring
- Event monitoring
- Remote diagnostics
- Remote Software download

Compatibility to wide variety of

- Forecourt devices
- Back-Office and Head-Office solutions
- Peripherals

Real time data exchange from POS to BOS/ HOS

Marketing programs

- Easy integration of discounts, promotions, saving points and loyalty schemes

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