PingWin®

A new generation
of software

PingWin®

01 *PingWin®*

A new generation of software

"We cannot predict the future, but we can create it."

Paul Pilzer

Founded in 1991, GrupoPIE is an organisation that specialises exclusively in developing computer solutions for management and control, aimed at the sales outlet market.

It started with the development of the WinREST store front application, one of the first sales outlet software in Europe with touch screen capabilities.

In the following years, it continued its innovation by developing and presenting new solutions in the Portuguese market, which resulted in the implementation of its products in 95% of fast food chains operating in Portugal.

The use of in-house technology and the growth of its products led GrupoPIE to develop new management solutions that offer innovation and quality to a market that is increasingly demanding in selecting its management solutions.

PingWin®

THE NUMBERS BEHIND OUR SUCCESS:

- More than 45,000 POS in the Portuguese market;
- Day to day management in more than 100 public institutions;
- Solutions implemented in 90% of the relevant Portuguese market;
- Versions developed in 12 languages;
- Sold in 20 countries;
- Generates more than 6 million receipts a day;
- A new customer every 3 hours.

The know-how acquired in the restaurant business, together with the high technological development of the WinREST platform, ensures your total confidence in running your specialised sales outlets.

In the last 5 years, GrupoPIE has developed a new technological platform, **PingWin**®.

PingWin seeks to:
- Guide the market's technological development;
- Support the interests of those involved in distribution;
- Give special importance to the need for specialisation;
- Add value to the technology market and those involved in it.

PINGWIN® - DEVELOPED TO ACHIEVE THREE MAJOR OBJECTIVES:

- Distributed development based on technology provided by GrupoPIE;

- Providing each technological partner with the capacity to develop their own sales outlet solutions, using their entire network for selling them;

- Generating specialised and customised solutions in order to create software that is made to measure for each business area.

02 *PingWin®* FO
Concept and Technology

"Creativity consists largely of rearranging what we know in order to find out what we do not know."

George Kneller

This is a technological platform aimed at the sales outlet market, which allows for the creation of customised solutions for each business area through Java®-based distributed development.

The skill and know-how involved in developing it places PingWin® FO on a new software platform. This is a unique, cutting-edge, modern and visionary technological product.

PingWin® FO is divided into two parts: the **core** and the **personalities**.

The **core** is multi-platform: Windows® and Linux® and the business engine includes:
• A database engine;
• A graphics engine for touch screen windows;
• A report engine;
• A peripherals manager.

Personalities are the interfaces that allow for the software to be customised according to the needs of each market. Developed in Java®, the following are available:
• Configuration windows;
• Request windows;
• Specific features for each personality.

PingWin® FO's distributed development with the personality interface makes development quicker and more effective.

It is thus possible to create a community that develops specific solutions (and which can profit from this) at a speed of growth that is independent of GrupoPIE®'s response capacity.

THE BEST OPTION FOR THE SPECIALISED SALES OUTLET MARKET.

Sales outlets have many needs in common with restaurants:

- Need for a reliable sales outlet with low-cost hardware/software;
- Simple user interfaces;
- Connection to POS peripherals (displays, printers, scanners, scales, etc.);
- Business model with billing (issue of consecutive documents, querying of records, issue of copies, etc.).
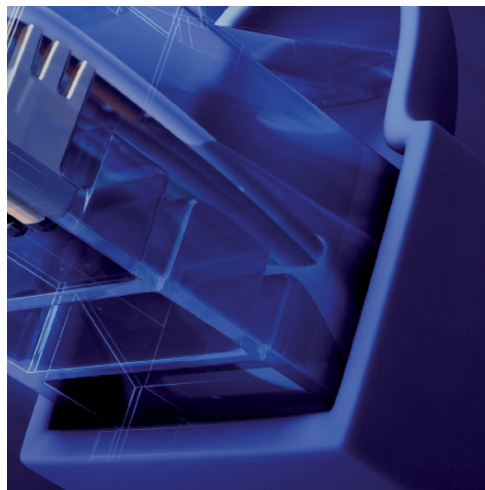
03 *PingWin®* F0
General Characteristics

*"Big results require
big ambitions."*

Heraclitus

Faced with increasing competition,
companies have a growing need for
Sales Outlet Management tools that
allow them to diagnose the critical
factors of their businesses.

**Part of the general characteristics
of any PingWin® personality are:**

• Sales Management;
• Purchase Management;
• Touch screen interface;
• Inventory/Stocks;
• Sales Reports;
• Configuration of documents
  and reports;
• Printing of labels with bar codes;
• Management of promotions, pricing
  policies / discounts at preprogramed
  calendar periods;
• Management of suppliers and
  purchases using in-house codes
  and supplier codes;
• Configuration of printing of
  documents and reports in A4 and
  coupon format;

Any personality is connected to:

- Coupon/barcode/A4
  (multifunction) printer;
- 1D/2D scanners;
- Checkout and section scales;
- Customer graphic display;
- PDT counting portable terminals.
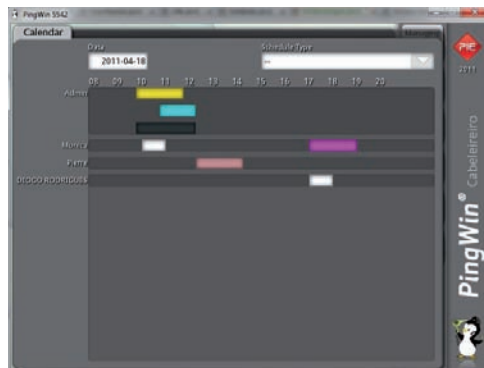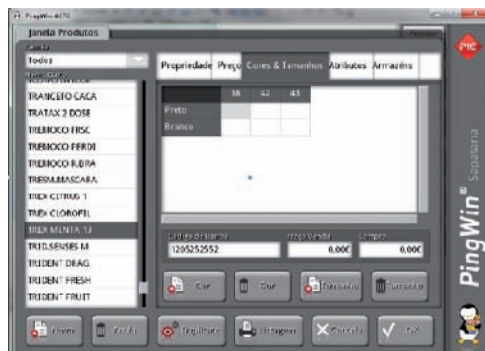
04 *PingWin*® BO

Concept and Technology

Concept:

PingWin BO is a technological management platform supplying services that allow for interaction with business rules and their specific configurations.

These services are accessible through classical interfaces such as the desktop or browser, and may support other interfaces in the future, thus guaranteeing interaction with future systems.

Technology:

- Firebird 2.5 database and MS SQL Server 2005/2008
- SOA (Service-oriented architecture)
- REST services
- Desktop and web interface
- Report engine with an application-independent execution process;
- Adaptability to multiple PingWin FO personalities.

05 *PingWin® BO*

General Characteristics

PingWin BO, in addition to being a **commercial management** tool, allows for the management and configuration of a **store chain** for one or several companies in a central database.

PingWin BO can be adapted to each of the different PingWin FO personalities, and allows for centralised business management through its desktop interface or through its web interface.
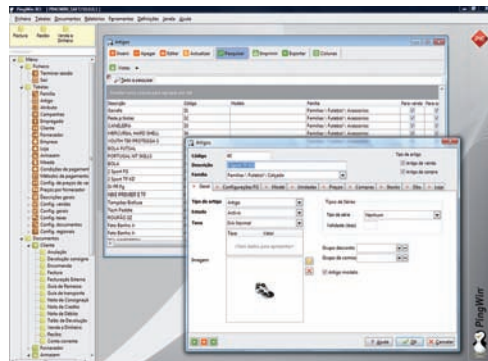
General Characteristics:

- Multi-company and multi-store centralised management;
- Articles with attributes and/or models (colours, sizes, brands, etc.);
- Multi-store campaign management;
- Multi-store retailer and commission management;
- Batch, series and version management;
- Billing;
- Order management;
- Consignment management;
- Warehouse management;
- Customer and supplier current accounts;
- Document condition management;
- Stock/Inventory management;
- Various fees and taxes;
- Price tables of sales by date;
- Price tables of purchases by date supplier;
- Fully configurable documents (behaviour and printing);
- Dynamic reports;
- Centralised configuration of PingWin FOs.

06 *PingWin*®

Advantage and Benefits

"It is not enough to have knowledge, one must also apply it."

Cicero

The PingWin® solution allows for information to be globally processed based on the specific features of each business. Thus, this becomes an essential tool for managers, whether due to the quality and quantity of the information provided, or due to the functional ergonomics and simplicity in using its graphic interface.

The applications are easy to update and guarantee a response to changes without maintenance or development costs.
This is the ideal solution for companies who depend on technology to gain a competitive advantage.

Retailers currently face high demands from customers, in a market that is increasingly competitive. In this way, the management of their sales outlets must have a high degree of functionality, integrated in real time with the central management and logistics system. Thus, operations are optimised and efficacy increases.

PINGWIN®'S ADVANTAGES:

- Reliable and safe technology, with the WinREST© quality guarantee;

- Evolving technology that can be developed outside GrupoPIE®, in line with the needs of each user or market niche;

- Customised to each business area or size;

- Simplicity and speed in operation, configuration and maintenance;

- Display of on-line unprocessed stocks or technical fact sheets. Stocks by batch;

- Multi-platform (Windows/Linux), multiprocessor and multilingual software;

- Web or local application interface;

- Reasonable costs based on the subscription model;

- Certified Solution;

- Integration with MyClient Loyalty technology.

ADAPTED TO YOUR BUSINESS

PingWin® is the customised solution for your company, which accompanies the evolution of your business.

Personalities already developed by GrupoPIE:
Mini-markets, Hairdressers, Ready-to-wear, Butchers, Fishmonger, Household Appliances, Shoes, News-stands/Stationers, Fruit, Gourmet, SPA, Pet Store and Wine Store. New personalities for new business areas will be made available year-round.

07 *PingWin*®

Mini-markets

The PingWin Mini-markets solution offers speed in all cashier operations, giving retailers the necessary tool for controlling and managing operations in order to compete in markets that are ever more demanding.

Specific characteristics of the mini-markets solution:

- Handling of compound bar codes (reference/weight or reference/price);
- Integration with checkout and section electronic scales;
- Management of commercial promotions during preprogramed calendar periods;
- Direct integration of orders to suppliers;
- Sales price management assistant based on mark-up or change in cost price;
- Printing of labels with bar codes for articles or shelves;
- Integration with PDTs (portable data terminals).

Nowadays, everyone sees style and beauty as essential.
In a market with increasing demand, but also with great competition, you need the right kind of management to keep your customers happy.

Specific characteristics of the Hairdressers solution:

- Integration of the product image in sales and queries (for identifying articles);
- Schedule of appointments for each employee;
- Customer background: purchases, data, colouring, highlights, brands and other information;
- Billing for services;
- Processing of Rebate Vouchers;
- Control of stocks by product family, brand, supplier, etc.;
- Redefinition of discontinued articles/products by brand, supplier and product range;
- Management of commissions by employee.

09 *PingWin*®
Ready-to-Wear

The PingWin® Ready-to-Wear provides retailers with a tool for managing and controlling operations in order to compete in markets that are ever more demanding.

Specific characteristics of the Ready-to-Wear solution:

- Creation of articles associated with colour, size, pattern and size groups;
- Integration of the product image in sales and queries (designs and photographs);
- Prices differentiated by size;
- Stock management by colour and size;
- Bar codes containing information on the product, colour, size and pattern;
- Possibility of recording several colours and sizes of an article in only one operation;
- Management of discount and refund vouchers.

10 *PingWin®*
Butcher

The PingWin® Butcher solution, allows for stock management based on product processing that results in several products.
It gives retailers the necessary tool for controlling and managing operations in order to compete in markets that are ever more demanding.

Specific characteristics of the butcher solution:

- Identification of the animal in documents (traceability);
- Handling of compound bar codes (reference/weight or reference/price);
- Integration with checkout and section electronic scales;
- Management of commercial promotions during preprogramed calendar periods;
- Direct integration of orders to suppliers.

11 *PingWin®*
Fishmonger

The PingWin® Fishmonger solution allows for the sale of articles in different formats. (stall sale, uncut, whole parts, etc.).
It gives retailers the necessary tool for controlling and managing operations in order to compete in markets that are ever more demanding.

Specific characteristics of the Fishmonger solution:

- Stock management by batch;
- Article sheet with zone of capture, scientific name, method of production (farmed, sea, etc.) and net drained weight;
- Handling of compound bar codes (reference/weight or reference/price);
- Integration with electronic scales;
- Management of commercial promotions during preprogramed calendar periods;
- Direct integration of orders to suppliers;
- Supplier current account.

12 *PingWin*®
Household Appliances

The PingWin® Household Appliances solution is a business area that demands speed in all cashier operations.
It provides retailers the necessary tool for controlling and managing operations in order to compete in markets that are ever more demanding, guaranteeing customer satisfaction.

- Record of supplier guides;
- Query of article with image and size;
- Management of serial numbers;
- Guarantee management;
- Repair records.

Specific characteristics of the Household Appliance Store solution:

- Stock by location (headquarters warehouse and store);
- Integration of the product image in sales and queries (for identifying articles);

13 *PingWin*®
Footwear

The PingWin® Footwear Solution allows you to manage purchases, sales and item stocks. With just one tool, it is possible to add colours and sizes for more simple and effective management.

Stocks and inventories are managed with reference to colour/size.

To optimise the entry/purchase of products, as well as billing with retailers, there is a specific interface that provides a grid for colours and sizes, allowing for several quantities of the same product to be recorded.

Specific characteristics of the Footwear solution:

- Skin type, correction, sole, form, heel, pattern;
- Integration of the product image in sales and queries;
- Prices differentiated by size;
- Configurable colour and size grids;
- Bar codes containing information on the product, colour, size and pattern;
- Record of transactions through a grid that includes all article colours and sizes with an indication of available stock;
- Processing of Rebate Vouchers;
- Redefinition of discontinued articles and management of products by brand, supplier and collection;
- Commercial promotions/campaigns on preprogramed calendar periods;

14 *PingWin*®
News-stand and Stationery

The PingWin® News-stand and Stationery solution offers the following specific characteristics:

• Record of supplier guides indicating the week for repayments;
• Reservation of publications by customers;
• Sale on credit for customers who pay on a monthly basis;
• Handling of multiple bar codes;
• Direct integration of orders to suppliers;
• Processing of rebate and prepaid vouchers;

• Management of commercial promotions on preprogramed c alendar intervals.

15 *PingWin*®
Fruit

The PingWin Fruit solution offers speed in all cashier operations, giving retailers the necessary tool for controlling and managing operations in order to compete in markets that are ever more demanding.

Specific characteristics of the Fruit solution:

- Special article attributes: Calibre, Origin, Category;
- Integration with checkout and section electronic scales;
- Handling of compound bar codes (reference/weight or reference/price);
- Printing of labels with bar codes for articles or shelves;
- Management of commercial promotions on preprogramed calendar periods;
- Direct integration of orders to suppliers;
- Sales price assistant based on mark-up or change in cost price;

16 *PingWin*® Gourmet

The PingWin Gourmet solution offers speed in all cashier operations, giving retailers the necessary tool for controlling and managing operations in order to compete in markets that are ever more demanding.

Specific characteristics of the Gourmet solution:

- Suggestion screen on the sale of articles;
- Printing of labels with bar codes for articles or shelves;
- Handling of compound bar codes (reference/weight or reference/price);
- Integration with checkout or section electronic scales;
- Integration of the product image in sales and queries (for identifying articles);
- Processing of rebate and prepaid vouchers;
- Management of commercial promotions on preprogramed calendar periods;
- Direct integration of orders to suppliers.

17 *PingWin®*

SPA

The PingWin® SPA solution offers the following specific characteristics:

- Integration of the product image in sales and queries (for identifying articles);
- Schedule of appointments for each employee;
- Customer history;
- Billing for services;
- Management of employee commissions;
- Creation of promotions/ campaigns on preprogramed calendar periods.

18 *PingWin*® Pet Store

The PingWin® Pet Store solution offers the following specific characteristics::

- Articles categorised based on Animal/Breed;
- Printing of labels with bar codes for articles or shelves;
- Integration of the product image in sales and queries (for identifying articles);
- Appointment schedule;
- Processing of rebate and prepaid vouchers;
- Management of commercial promotions on prearranged dates;
- Direct integration of orders to suppliers.

19 *PingWin*®
Wine Store

The PingWin® Wine Store solution offers the following specific characteristics:

- Suggestion screen on the sale of articles;
- Printing of labels with bar codes for articles or shelves;
- Handling of compound bar codes (reference/weight or reference/price);
- Integration with checkout or section electronic scales;
- Integration of the product image in sales and queries (for identifying articles);
- Processing of rebate and prepaid vouchers;
- Management of commercial promotions on preprogramed calendar periods;
- Direct integration of orders to suppliers.

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Personalities

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