

The best way is with

**e-PAS**

e-PAS  
campaign 2003 : brochure [WSS]



How do you *integrate* a new application, *add* a long-term care facility, schedule theatres & clinic sessions and provide **hundreds** of *demanding* clinicians with **up-to-date** patient information? There *is* a way.

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**e-PAS** is a comprehensive suite offering streamlined management for hospitals and day surgeries. Developed as an advanced web-based, workflow driven application **e-PAS** streamlines the administrative back-office operations for public and private hospitals, rehabilitation centers, day surgeries and outpatient clinics.

## Features:

**The business functions interface is intuitive.** Built around the workflow of professionals and their operational roles and settings, administrative users and clinicians only deal with features that relate to their duties;

**Information is pushed to the individual** through the seamless in-built messaging to personal devices like pagers, tablets, mobile phones, PDAs and laptops. For example, notifying appointment changes, sessions or clinic closures out to affected staff;

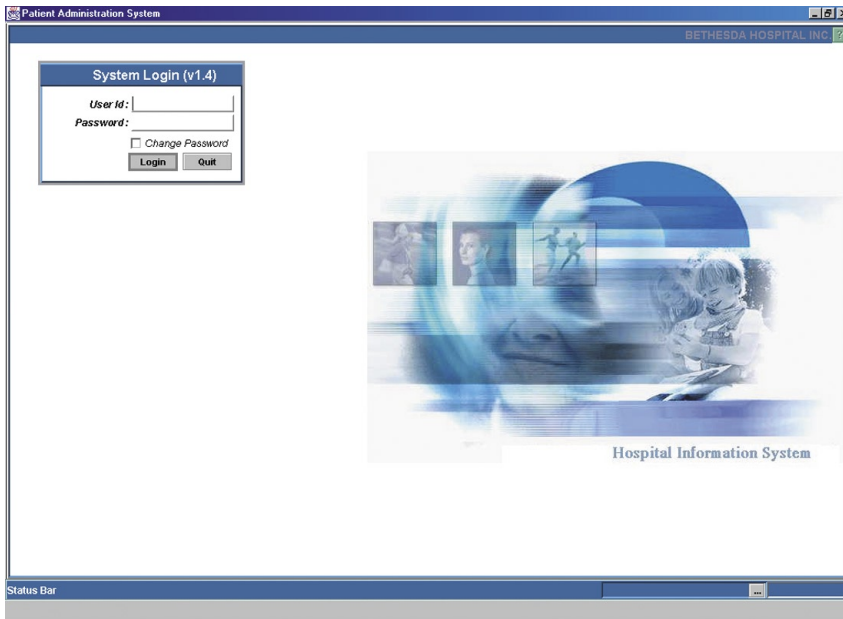
**Customisable forms and data sets** provide the ability to extend **e-PAS** to replace the many private and unique databases that most businesses need. Whether for new service items, quality assurance, assessments, research, special funding or evolving KPI's. **e-PAS** easily and seamlessly extends and accommodates without impacting the common core;

**Built in ad-hoc reporting for Standards based Business Intelligence tools.** Beyond

the multitude of standard management reports included with **e-PAS**, users can easily interrogate the **e-PAS** database using ODBC compliant report writers such as COGNOS and Crystal Reports for informed strategic and tactical business decision-making. **e-PAS** reporting is also fully accessible with industry standard desktop products such as Microsoft Excel and Word;

**Access anywhere, anytime.** **e-PAS** is implemented as an Internet application accessible in full via a browser across a LAN, WAN or the Internet;

**Multi-tier systems architecture.** **e-PAS** has a multi-tier architecture using Java and EJB combined with industrial strength security, encryption and verification. This architecture provides complete freedom in the choice in the software and hardware platforms. For example, Access can be via a Web front-end over the Internet or a Java application on the enterprise LAN. Any combination of Web Server



The **e-PAS** feature set is fully customisable and includes WAP, PDA and SMS messaging. With a true multi-tiered architecture, **e-PAS** offers clients the ability to operate under many data base management systems with capacity to maintain the high levels of throughput required by the largest of health organisations.

**e-PAS** makes communication and reporting efficient, accurate and simple and defines a new level of usability for clients in the health care industry.

**e-PAS** is designed to adapt to changing business and workflow models and ensure that the right information is available for the right person at the right time.

platform (IIS, Apache etc.), Application Server (Jboss, Jrun, AppServer etc.), Database Management System (MS-SQL, Oracle, Progress, Sybase) or Operating System (Win2000/3, UNIX) is possible.

## Patient Management Functions:

- Patient / Client Demographics – Soundex, aliases, word indexing, alerts and census with episode summaries across the continuum of healthcare.
- Episodes and Activities – Inpatient, outpatient, day patient, allied health, mental health, domiciliary care and community-based encounters may be activated simultaneously.
- Patient Records – A complete picture of episodic information is available for informed decisions. Assessments, outcome measures, morbidity processing, chart tracking, ICD and DRG classification complete the information profile of the episode.

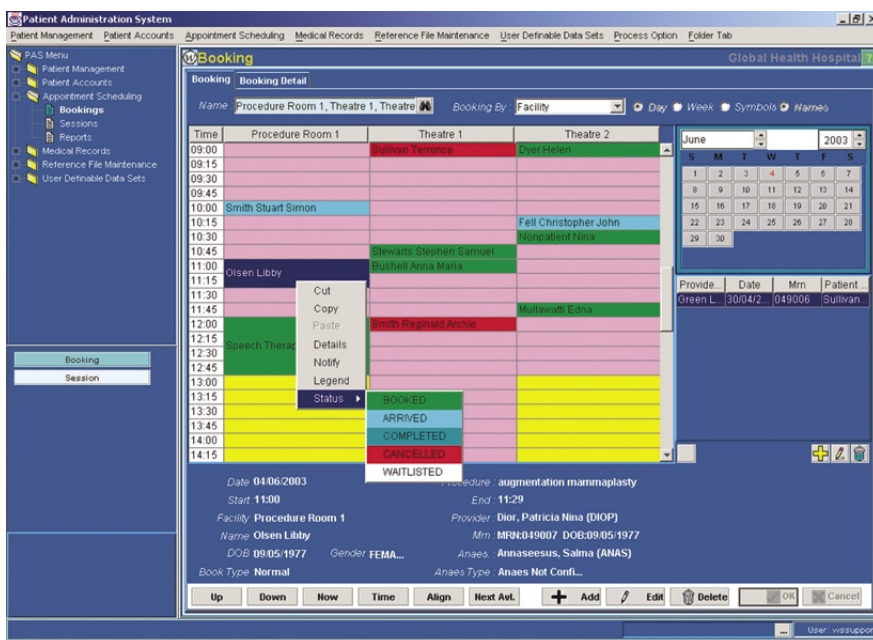


Figure 1 - Booking Screen Shot

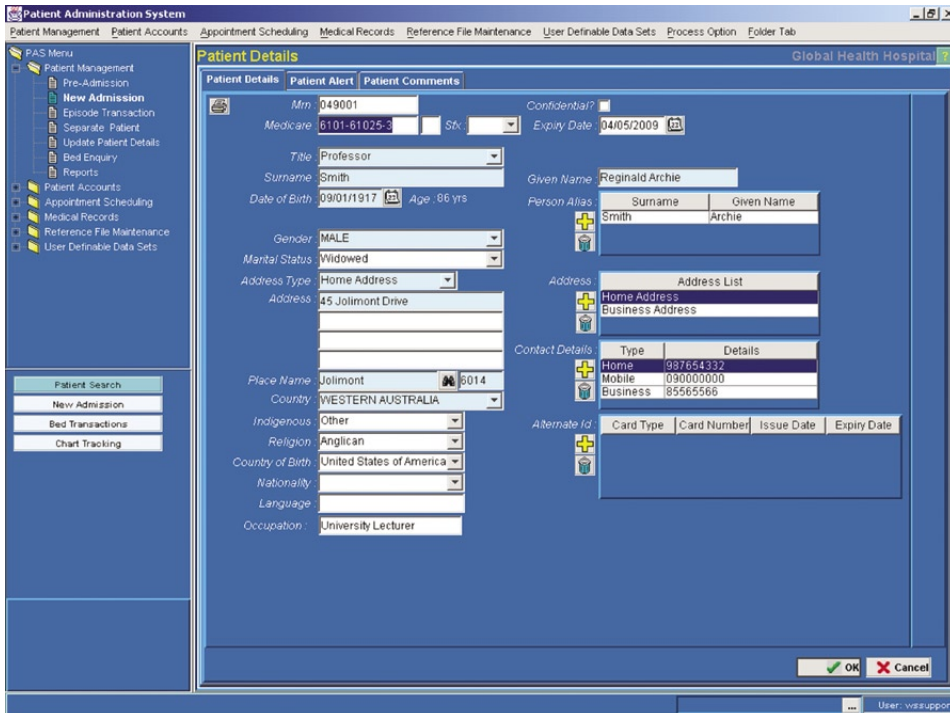
**Comprehensive Booking System.** Allows clinicians to focus on the delivery of quality care, instead of the logistics required to coordinate it. Appointments can be managed by clinician, client or department – to manage clinics, allied health radiology, theatres and any other enterprise resource - permitting a complete overview of enterprise activities and loads. The bookings system caters for individual and group appointments, for clinicians in outpatient, community health or other episode types;

**Complete GUI interface.** In contrast to competing products, where GUI capabilities are constrained by “after market add-ons” **e-PAS** is completely driven through a graphical user interface to provide productivity gains and reduces training costs;

**Scalable, Multi-campus, multi-site.** Scalable from the smallest to the largest site **e-PAS** provides a single top-down management view of all facilities within a healthcare enterprise. Aggregating and interrogating patient and clinical activity across multiple sites is now possible without the need to set-up and manage external databases.

## Administration Functions:

- Client Billing – Flexibility and scope are the cornerstones of the calculation engine within **e-PAS**. **e-PAS's** sophisticated expected reimbursement engine utilises a rules based engine allowing customised reimbursement methodologies to be crafted for each service or contract. Service rules and the corresponding rates accommodate inpatient (service, case rates, DRG and blended DRG arrangements) outpatient (fee schedules, service groupings)
- Financial and Supply Management – Integrated to all financial management modules with general ledger, receivables, billing, payables, budgeting, inventory, purchasing and assets functionality.
- Appointment and Departmental Management – Allow clinicians to focus on the delivery of quality care, instead of the logistics required to coordinate it. Appointments can be managed by clinician, client or department – to manage clinics, allied health radiology, theatres and any other enterprise resource - permitting a complete overview of enterprise activities and loads.



ODBC compliant industry report writes. Such tools enable informed, strategic and tactical business decisions spanning campus, discipline or unlimited geographic distance. Crystal Reports is natively used for standard reports.

## User Interface Benefits:

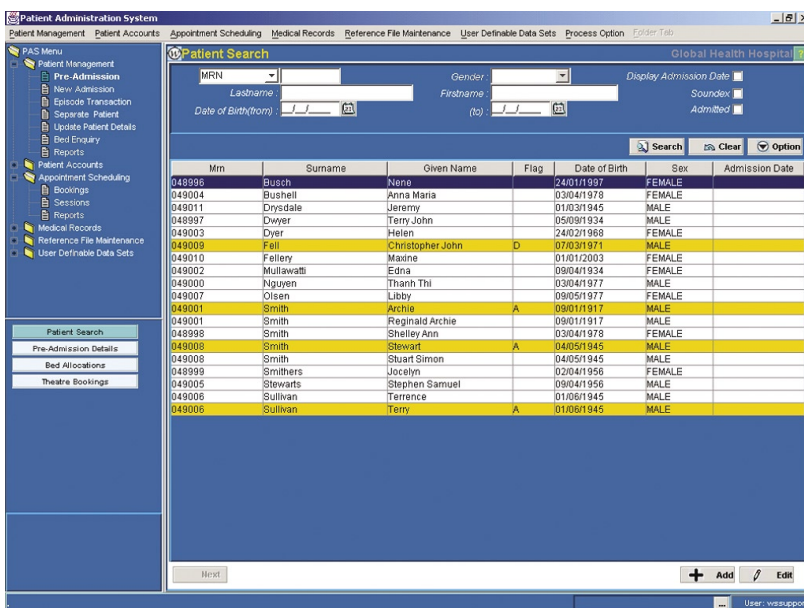
Complete Graphical User Interface (GUI) – contributes to ease of use for the user. Users control every aspect of the GUI allowing customisation to meet very specific sets of requirements.

**Figure 2 - Patient/Client Demographics Screen Screen Shot**

The bookings system caters for individual and group appointments, for clinicians in outpatient, community health or other episode types;

- Reporting – Beyond the multitude of standard management reports included with **e-PAS**, users can easily interrogate the **e-PAS** data base using

- Adaptability – users can completely restructure the system menus to match the workflows of the hospital. Adapting the e-PAS is simply a drag and drop process to restructure the whole application to match your business processes.
- Flexibility – users can develop, extend and alter the function of **e-PAS** to meet requirements. Economic savings can be made, user has complete control, **e-PAS** can be tailored to each different user group, user can easily locate data and data integrity is consistently maintained.



**Figure 3 - Patient Search Screen Shot**

- Secure system – the timeout feature enhances system security by logging out users after a nominated idle time.
- Web-Based Deployment allows User Groups to share reports, whether written by Global Health or other customers. It also ensures that deployment of upgrades is done with very minimal down-time. There is no need to install / uninstall client machines individually. Changes filter through to the users when the server is updated.

## Technical Functions

Written in Java, **e-PAS** is platform and data base independent, browser- enabled and optimised for thin client requirements.

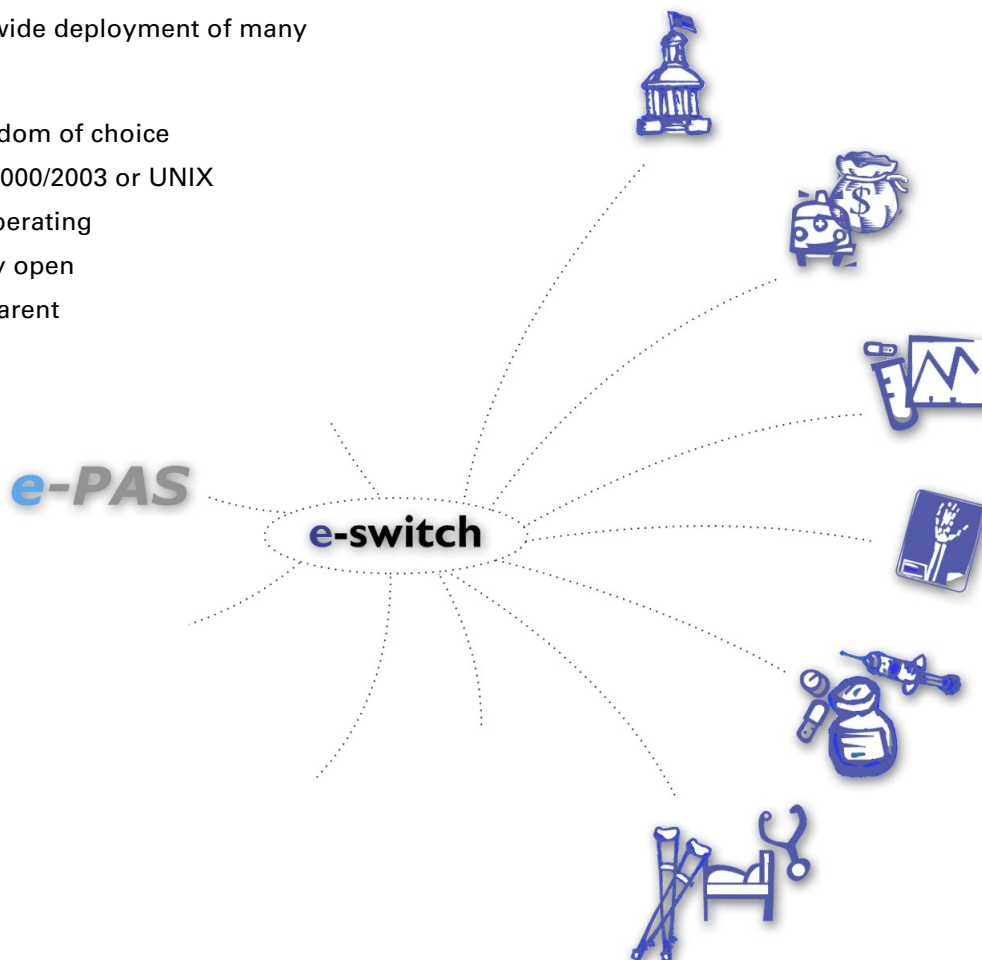
System Extensibility– A single logon manages all aspects of user security and site configuration. Menus, on-line help, user defined datasets, data fields and entry forms may be set up by the system administrator to reflect site or discipline specific workflow.

## Technical Benefits:

- Multi-tiered architecture – facilitates maintenance and change through a modular design. The Application Service Provider (ASP) features of the **e-PAS** package ensures that small remote service providers receive the same performance benefits enjoyed by the largest and most complex service provider.
- Scalability, from single-user practices through to State or country-wide deployment of many hundreds of users.
- Java Platform - Freedom of choice between Microsoft 2000/2003 or UNIX derivations as the operating platform (completely open architecture), transparent across platforms.
- Maximum Uptime - 24 hours a day, every day of the year.
- Operates on both Intranets and the Internet.

## Additional Features Include:

**In-built e-switch transaction broker.** **e-PAS** incorporates our e-switch integration broker, which provides the built-in and seamless ability to transact with governments for statutory reporting, health funds for insurance eligibility and claims, and other supply-chain providers like diagnostic services, surgical and pharmaceutical suppliers. This built in functionality means that with **e-PAS** you no longer have to deal with 3rd party connectivity software or “B2B exchanges”. Patient Administration Systems are the originating and terminating points for hospital transactions such as Claims, Eligibility Checks and Remittances, **e-PAS** “completes the loop” within your existing environment. Existing transactions are simply extended directly to your trading partners, tightly coupled with your business processes and internal software systems.



## GLOBAL HEALTH - The Company

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Since 1998 we have established a reputation for delivering mission critical applications on time, on specification and on budget. Global Health works closely with business partners, academics and health organisations within the healthcare industry to ensure that our research is targeted, client focused and result driven.

With products spanning clinical and administrative systems for health care organisations, practitioners and consumers, Global Health has the capability in delivering advanced cost-effective information solutions – helping providers to deliver better care, more efficiently. Over 260 public and private healthcare delivery settings around Australia and Asia already trust the solutions from Global Health.

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*This brochure is a summary and subject to change. Consult the product documentation or contact Global Health for details of commercially available and current features and software requirements.*



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