avoira
fluent in technology

CARPS
Clinical Task Management

Intelligent task allocation incorporating priority escalation, real-time analytics, compliance auditing and workflow reporting

About Avoira

In choosing Avoira you'll be partnering a company offering proven expertise in the delivery of highly sophisticated task management solutions.

With an impressive trading pedigree stretching back 45 years, we have gained extensive and invaluable experience in healthcare settings.

Avoira's expertise across a broad range of specialisms – including two-way radio, mobile telephony and networking - has helped revolutionise service delivery, compliance and monitoring in a range of challenging environments.

We serve the business communication needs of our ever-growing and prestigious client base from our Bury headquarters and offices in Bristol, London and Warrington. These are home to specialist operations offering go-to expertise in two-way radio, mobile telephony, wide area, local area and business wi-fi networks, business mobiles and unified communications.

These complementary specialisms are united under the Avoira umbrella, enabling us to address complex challenges through the design, implementation and support of highly fluent technological solutions.

"At avoira we unite people through technology by combining our fluent thinking and technical proficiency."

About CARPS Clinical

Initially developed in the 1990s and proven in the field at over 165 hospitals, CARPS facilitates the fast, efficient and accurate management and auditing of tasks.

The technology conceived to support non-clinical services and facilities' managers has now been complemented by a sophisticated solution specifically designed to aid clinicians and nurses.
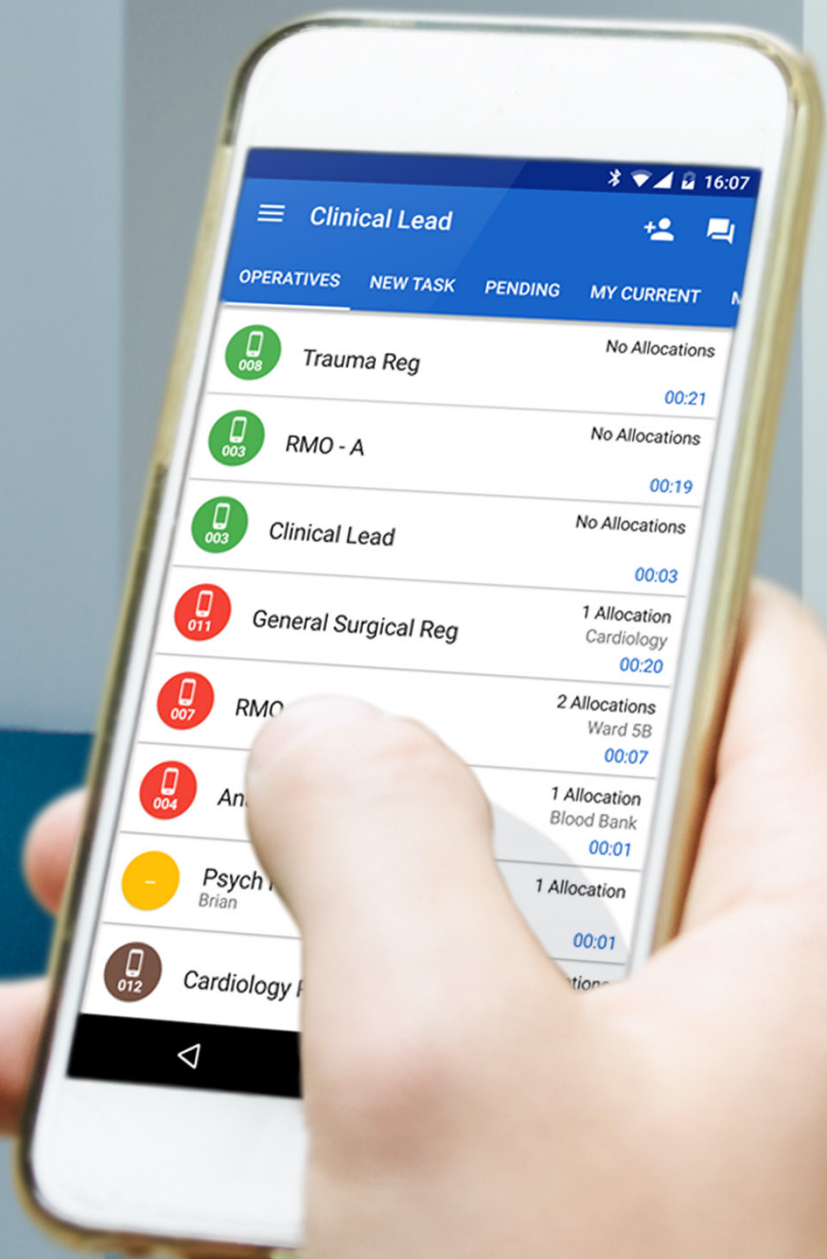
This powerful technology harmonises and optimises clinical task management, enabling the entry, allocation and monitoring of tasks via PCs, tablets or mobile devices. It can also be integrated with existing patient management systems.

CARPS Clinical eliminates inefficient, fragmented chains of instruction based around paper, pager, phone and personal communications. It empowers clinicians – including mobile clinical leads – and nurses to allocate, monitor and reallocate tasks in accordance with real-time resource availability and clinical priorities.

It also provides extensive automation tools. These can be configured to manage task allocation by individual or team, deliver priority escalation and key performance indicator (KPI) alerts and generate detailed management reports.

By streamlining and accelerating task management, CARPS Clinical enables more efficient and responsive service delivery. By helping optimise use of finite clinical resources, it can enhance patient satisfaction, staff wellbeing and clinical outcomes.

Key benefits

- Task entry via Windows apps, Citrix, keypad, mobile devices and automatic generation via external systems

- Integration with existing patient management, hospital and third-party systems

- Intelligent, automated task allocation and priority escalations

- Issues clinical risk alerts using Situation Background Assessment Recommendation (SBAR) and Early Warning Score (EWS) calculations

- Delivers clear, concise information and instruction to mobile devices

- Full functionality for both static and mobile control staff

- Every stage of every task is logged and time-stamped to provide a comprehensive audit trail and invaluable management insights

- Mobile-enabled bar scanning for immediate, accurate identification of patients, equipment and locations

- Other mobile-enabled user functions include time-stamped KPI indicator and the addition of task notes, photographs, delay notifications and signatures

- Real-time analytics and geographic identification of staff and patients – get the right people to the right place at the right time

- Highly secure – both data and software can be hosted on and protected by the hospital's own IT infrastructure or provided via our Avoira Managed Cloud Solution

Managing workloads, easing workflows

Whilst CARPS Clinical is a powerful and highly sophisticated solution, ease of use is one of its key strengths.

Tasks can be quickly and easily created on a variety of devices, or through an existing hospital system with which CARPS has been integrated.

Clinical staff can also receive tasks and all the information required to fulfil them via the CARPS smart phone app. For example, as well as providing patient information, CARPS Clinical will advise of any specific risks and/or equipment necessary to complete a task.

In addition, clinical leads can use their mobile devices to access comprehensive, real-time insights and reallocate tasks to optimise service delivery.

By intelligently assigning tasks to the most appropriate individuals or teams, CARPS Clinical save time and increase efficiency. Such efficiencies can be further enhanced by configuring automatic, event-driven task creation. For example, when a discharge is logged on a patient flow system, CARPS Clinical can automatically generate discharge and bed cleaning tasks.

Informing and empowering management

CARPS Clinical incorporates extensive business analytics and workflow reporting tools, including performance management, benchmarking, KPIs and predictive analytics.

Dashboards display workflow visibility and yield live metrics to assist real-tie performance management.

The system will capture and report on all aspects of task creation, handling and completion, with data exportable as a CSV file. It can also be configured to create custom reports which incorporate site-specific data.

Such extensive data capture not only enables creation of detailed departmental and individual performance reviews, but can assist in the resolution of complaints and legal disputes.

Giving you time to care

Simple for clinical staff to use and yielding invaluable management insights, CARPS Clinical empowers you to always makes best use of your resources.

The most precious of those resources is time. Whilst more efficient management of workloads will enhance the patient experience CARPS Clinical also ensures staff can commit more time to delivering care of the highest quality.

Taking care of you

Because we take service excellence and optimal outcomes as seriously as you, we have a dedicated, full-time CARPS team. With direct access to the system's software engineers, our in-house experts are fully equipped to swiftly resolve technical issues.

Our highly responsive helpdesk facilities are complemented by remote access which is provided as a standard tool to accommodate our outlying customers.

Want to know more?

Call our dedicated CARPS team on 0333 001 5151

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