Funsoft I-HMIS

Funsoft—Integrated Healthcare Management Information System

In many institutions involved in healthcare services delivery, information and data management remains an elusive objective. It is imperative to improve and strengthen supply chain management systems to allow facilities to control expenditure and mete out vices associated with poor utilization of facility resources.

The Funsoft Supply Chain Management System is a world class tool for effectively managing the full cycle of supply chain operations in diverse application contexts.

Human capital management, asset control, re-engineering deliveries processes, procurement planning, merchant deliveries, inspection, warehousing, distribution and control operations happen under one roof thereby giving administrators an edge on the way information can be integrated to achieve optimized quality assurance and effective use of resources, minimize wastage, overstocking, under stocking and even reducing losses to a minimum.

Management of healthcare services

Effective and cost effective tools for use in different areas of specialization has remained elusive for a long time. Many challenges exist in healthcare industry regarding the subject and organizations keep recording huge losses owing to inability by management teams to control resources associated with healthcare service delivery.

It is increasingly becoming clear that the problems thus far experienced can be resolved through effective use of ICT. It makes information readily available, accurate and always in a timely fashion.

The Funsoft HMIS is tailored towards filling the gaps that exist and experiences have so far portrayed quick and marked positive gains whenever the tools are in place and are used primarily to plan and control resources application in managing healthcare facilities.

Budgets reduce and efficiencies improve the ability to make informed decisions not withstanding. The paradigm shift towards automation therefore calls for managers to approach the subject in away where they get value for their valuable investment. That is where we come in as a provider of effective ICT solutions to grow the required synergies in order to achieve desired objectives.
Integrated information resources

The current constitutional dispensation calls for availability of documented evidence based service delivery concepts.

The Vision 2030 can be achieved through use of effective ICT solutions in strengthening management systems.

The management in the county governments can therefore count on us to develop the information management teams.

County systems enabler

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In our attempt to accelerate capacity building, we are partnering with county leadership teams in helping our youth to acquire knowledge and skills in evolving technologies.

This way, the sustainability of these resources shall be guaranteed.

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Defining quality of service indicators

In order to harness the power of the information contained in the integrated systems, there is need to structure data that is captured at service points with the output in mind. The essence of implementing the HMIS tools is to be able to gather required aggregate data in assisting decision making, planning and for measuring performance levels.

The HMIS system features that aids users to define quality indicators, performance counters and define reporting templates. These tools help to structure any information that is entered onto the databases and also articulate the reporting sub systems for any intelligence that may be of particular importance to the management.

With requisite training and capacity building, the organization of the information system often yields into an effective performance evaluation and monitoring tool.

Needless to say then the management teams whether in the facility or based outside shall have ability to analyze the information emanating from the resources in the facilities and therefore get to make highly informed decisions.

The fact that the Funsoft I-HMIS integrates well with communication systems and third party systems via internationally accepted data exchange protocols often provides leading edge capabilities to facilities in improvement of service delivery.

There is absolutely no limit into what the HMIS can do and can capture any imagination so far as data needs and resource management is concerned.

The HMIS attempts to establish ways to main optimum data integrity, continuity and reliability of such resources. We offer data security, access control management and disaster/recovery strategies as part of our professional training offering thus saving time and money required for maintenance.

The system is an accounting platform and has a reliable audit trail that can be used for purposes of accountability and overall documentation of just about any activity in a facility.

“The secret of getting ahead is getting started.”

- Mark Twain -
Our HMIS product that goes by the Funsoft brand is an integrated suite of products that can be delivered in modules as and when required.

The modules include the following:

1. Health Information and Medical records (Registration, Admissions, Coding/Indexing and Appointments scheduling)
2. Accounts and Finance (Billing, Invoicing, Cash Collection, A/C Receivables, A/C Payables, Treasury) and Budgeting/Vote book
3. Clinicals system (Clinicians/ Doctors Order Entry (CPOE), Nursing and Theatre)
4. Pharmacy and Nutrition (Billing and Dispensing)
5. OUT-Patient and IN-Patient (Queuing, Care protocols management, Wards/Beds management and care stations management e.g. Laboratory, Radiology/Imaging, Dental, Eye, Therapy stations and Specialist clinics)
6. Supply Chain Management (procurement, Stores and Inventory)
7. Farewell Home/Mortuary
8. Maintenance/Workshop, Laundry, Catering and Asset management, HR and Payroll
9. Communication tools (SMS/ Email, Real-time chatting Internet mobile pay integration
10. System Administration tools
11. System Manuals, user guides and reports/statistics
12. Training and support packages

Information optimizes health outcomes

The facilities involved in provision of healthcare services has a workforce that rely on integrated data services in order to attend to the client-patient in a timely and effective manner. Needless to say, an integrated information system with data shared across patient care stations coupled with administrative interests presents a solution to a myriad of problems if such a system is not available.

Take for instance a situation where the patient arrives at the hospital in an ambulance and data from mobile device already captures the nature of emergency and is relayed to the health information/records personnel and nursing stations at the accident & emergency section by the time the patient gets to the facility. Information from the mobile device may be used to provide useful information to prepare the nursing officers in attending to the emergency. The records officer shall also have received information that may be enough to make the registry and prepare preadmission information as the patient is attended to.

The diagnostic and pharmaceutical officers can also share the information on the preparations for the action they need to take when the patient arrives at their respective stations. The shared file shall also be available to the clinicians who can order emergency services and prescriptions and the information for such order entries automatically charges the file for the patient. The finance team shall get to know information regarding insurance status and other sponsorships available to the patient while the stores and inventory team adjust their stock as the patient is served. The team monitoring the status of the patient also gets to know the nature of urgency and how the patient fairs in the initial treatment to stabilize the patient. The statistics teams shall have the coding information entered by the clinician ready for their indexing work and related computations for onward reporting.

Such is the system that facilities require to aid in improvement of service delivery outcomes and for planning and management of resources.

It is imperative for managers in the industry to embrace highly integrated responsive system to continually provide high impact in delivery of healthcare
Quality assurance

Performance management and quality assurance are the buzz words in present day service oriented organizations.

One of our cherished ideals is to exceed client expectations and get justifiable rewards for it.

The tenets of successful business models lie in treating information as a key resource in maximizing service delivery outcome indicators.

We partner with organizations to maximize the potential to create and deliver these opportunities.

Service delivery statistics

When data doesn’t provide a good degree of accuracy or is not timely then it loses the meaning of capturing it.

It is worse when the presentation is not well though as data yields intelligence when it is handled and delivered effectively.

The HMIS product is designed to take care of information needs for all the users of the system whether in operational routines or for management, monitoring and even research.

The reason we establish a well defined and integrated data resource centre when implementing the HMIS system is to guarantee delivery of results that can aid in solving simple to complex riddles in service delivery.

The system capture data in raw form in any applicable data type and then aggregates the data in formatted reports using industry standard templates.

Managing patient care and safety

The essence of this system is to patient centric and focuses on making the patient and the system user happy and satisfied stakeholders. We value out based system that deliver required results with convincing level of quality assurance.

The design of the system often methods that anticipate particular interest in achieving high performance on reducing patient frustration. We desire situations where the usefulness and benefits of the automation trickle down to the patient in away that they can feel the impact of positive change.

Many are times when patient insist on being attended to with the aid of the system owing to improved response time that can be attributed to time shortened to avail important data that is used to make decisions in the provision patient care. This way the patient goes home happy and is also assured of safety.

Our experience in healthcare industry

Our experience in this industry spans over 12 years with 4 countries in Africa namely Kenya, Ghana, Nigeria and Sudan already using the HMIS systems in diverse application contexts in over 100 facilities.

The product is quite scalable in that is can be deployed in any setup for just any size of the facility and does not discriminate on number of workstations. The limit can only be determined by the extent of the available hardware specification.

It integrates well with third party products and is an architecture independent cross platform application meaning that it doesn’t force the client to adopt a particular computer hardware or operating system.

We have a strong team to undertake development, customization, quality assurance, deployment and support processes. More than 60% of our business is from returning clients or referrals. Licensing is quite liberal and doesn’t tie our clientele to our business model.

Business Intelligence — Graphical presentation of data
Increasing competitiveness

Every institution in any discipline operates in a competitive environment often involving complex benchmarking tools and evaluation systems.

The tools that deliver with our HMIS product provides adequate resources to aid in staying ahead of the pack.

Our past experience in four countries shows that the successful implementation and sustenance of the tools assist in planning and management of resources that often result in high impact strategies on healthcare facility management.

Our model of delivery though quite simple ensures that a facility is up and running on the system within two weeks of project inception. This then encapsulates the facilities against project overheads and inherent risks associated with delivery of these systems.

In all the areas where we had a chance of implementing these management tools, the facilities quickly record marked improvement in cash flow, cost cutting and improved reporting rates and accuracies.

The patient has been the most noted beneficiary with reduction of turnaround times and general satisfaction in services rendered.

“They say information is power and we sincerely agree but we ensure that is so”

Research and development at SPL

Technology is an academic overtaking that often require tremendous amount of work in research and development.

The work of developing and deploying these technologies is both an art and a science of sorts. It is an art because software must be appealing to people who use and therefore they must like the packaging and associated aesthetics. Again it involves science because it must deliver the required functionality and controls that involves designing both business and program logic to the desired end product.

Our teams has a fairly advanced understanding of these general requirements and by extension also involve the process of helping would be users to adapt pretty fast and also effectively to use the tools with a few to making differences in the automated environment.

As is always the case it will normally not be business as usual for both the management and operational teams.

Our research processes normally see to it that the integrated environment meets the expectations of all stakeholders.

The research involving careful study of data requirements, work and document flows often escalates into prototyping and simulation of real world application starting with the definition of a vision document against client wish lists.

The documents in the research phases then go through well articulated design and implementation phases.

This process then gives way to the testing and quality assurance processes that involve the client and our developers as well as the deployment teams.

We pride our elves in meeting client aspiration of ICT requirements 99% of the projects where we have been involved.

We listen carefully and pay attention to detail. The product development thus thrives by incorporating user feedback and make them a stakeholder in the development lifecycle.
System Partners Limited leads the pack in the planning and delivery of effective integrated healthcare management information systems.

Even with robust systems, there is need to take care of the training needs for the users of these systems both for operators and management teams.

We envisage a situation where managers need to understand how to implement and sustain these systems. The definition and monitoring of service delivery and performance indicators needs proper orchestration in order for the impact of the HMIS system to be felt across board.

The supervision of such systems needs to be understood before the implementation gets underway. For instance the components involved in building the enterprise application system needs to be defining and the material, financial and human factors needs to be clear, the risks and potential points of failure notwithstanding.

Our company has a wealth of experience having been involved in diverse application contexts in implementing MIS systems in healthcare management. In this regard, our experts shall engage the management in planning change management and project management requirements and delivery timelines to ensure successful implementation and the pipelining of tasks to control both finance and time budgets.

We have indicated the contact information for all consultations that you may require from us.