

Technical details



Gradiant MedAid comprises tools and components for supporting clinical decision making in the form of:

CDS services based on open source projects

- Infobutton: Retrieval of contextually relevant, patient-specific clinical knowledge resources.
- Rule-based decision support: combine patient data with medical knowledge base to produce patient-specific recommendations, assessments, alerts or reminders

Authoring Tools to introduce the expert clinical knowledge that feeds the services for supporting decision making

- Rule authoring tool
- Process authoring tool

Standards

HL7 Infobutton, HL7 DSS, FHIR

Min requirements

Gradiant MedAid can be deployed in Linux servers.

Demonstrator

Gradiant MedAid demo is available upon request.



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GRADIANT MEDAID

Interoperable decision support technologies for healthcare





Gradiant MedAid

Clinicians need to handle an increasingly amount of information to make decisions. Knowledge changes constantly and seeking information is time-consuming.

Gradiant MedAid is designed to impact clinical decision making about individual patients just at the moment when these decisions are made. It integrates patient data, such as EHR or data from health personal devices, with an expert medical knowledge base to generate patient-specific outputs as recommendations for care, alerts, assessments or reminders. Our solution also provide clients with an easy to use tool for non ICT experts to introduce the clinical knowledge that guides the decision making.

Gradiant MedAid is based on open standards, which allows its coupling to potentially any hospital information system or other connected devices, as well as its action in multiple use cases.

Highlights

- Standard-based: It is interoperable and system agnostic.
- Service-based: It is highly scalable and reusable.
- Knowledge-based: It draws on the knowledge provided by medical experts as well as online resources.

This solution is suitable for any field of healthcase business, such as cardiology, nursing, pharmacy, primary care, genomics... For both, patients and doctors.

Gradiant MedAid provides medical information systems with clinical decision support capabilities in an scalable manner.

Use cases

Support in clinical decision making by means of alerts, reminders, diagnositc assistance, therapy assessing and planning, prescription support, recommendations...

Alerts & reminders

Diagnositc Assistance,
Therapy assessing &
Planning

Prescription support &
Recommendations



Integration Requirements

- Gradiant MedAid can be deployed in Linux servers.
- CDS Clients using this system need to implement the following healthcare standards: HL7 Infobutton, HL7 DSS, FHIR.

Gradiant MedAid clients will obtain:

- Installation package.
- User Manual of the provided tools.
- We can also provide support in the development of the knowledge base.

Intellectual Property

Gradiant MedAid intellectual property rights belong to Gradiant.