

AKGUN Emergency Service Management System



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It is based on sending instant data from the emergency services of our hospitals to the data collection center, monitoring this data and obtaining statistical data.

By transforming data into information and information into actions, it ensures that;

- ◆ Institutions take the right steps at the right times,
- ◆ Institutions make correct strategic and tactical decisions and monitor the current situation.

With these solutions, it is aimed that accurate, real-time and multidimensional data of institutions are proactively managed;

- ◆ in different breakdowns,
- ◆ by using data at different times.

Aim

- ◆ For the facilities affiliated to the Provincial Health Directorate; preparation of data needed for central monitoring and management of emergency services, monitoring, inspection, control, reporting of emergency applications,
- ◆ Analyzing the current situation,
- ◆ Scaling, increasing the performance,
- ◆ Capability to make forward-looking strategic decisions,
- ◆ Better use of resources,
- ◆ Capability to take quick action in ordinary or extraordinary situations.

Scope

Preparation of other data that will be needed by the management, instant reporting of information on the physicians, nurses, specialists working in the hospital emergency and other information, in-hospital emergency service management, patient satisfaction, decision support and improvement of work flow processes, resource management and saving.

System Features

Along with the developed Application;

- ◆ Patient & patient record
- ◆ Examination
- ◆ Patient discharge or admission information detailed data collection, which is made up of the above data sets and can be updated, is also enabled.
- ◆ Application Authorizations
- ◆ Data Dispatch Authorizations
- ◆ Application Images
- ◆ Reporting and Warnings

Benefits:

Visual and easy-to-read decision support cockpits for management.

- ◆ Reports that can scale Enterprise Performance.
 - Flexibility to easily analyze in multiple dimensions (OLAP support),
 - Warning mechanism within the determined scales,
 - Contribution to the correct use of corporate resources,
 - To be able to make strategic decisions for the future,
 - To be able to show on a single screen by analyzing from different sources.
- ◆ User screen and role authorizations can be defined and access to screens and menus is provided in the light of these role authorizations.
- ◆ Hospital, upper and lower groups, parameters can be defined within the framework of authorization and a formula for the parameter can be added, if any.
- ◆ These definitions are activated automatically; no support/software intervention of a third party is required.
- ◆ Supports graphical display of incoming data.
- ◆ Institution-based patients (yellow area for more than 24 hours/more than 8 hours/waiting for hospitalization for more than 4 hours/waiting for more than 45 minutes in green area/waiting for consultation for more than 30 minutes/waiting for examination results for more than 30 minutes) are listed and after calling these patients, notes are taken on patient basis.
- ◆ Dynamic formula definitions related to other parameters can be made for all defined parameters.
- ◆ Defined formulas can be applied to normal and grouped parameters.
- ◆ The numerical data required to be collected by the institution are dynamically added to the parameters and data flow can be provided from the hospitals without any changes in the web service.
- ◆ The duration of the parametric values that hospitals should send can be determined.
- ◆ When a new hospital is added to the system, the integration of hospitals into the system can be requested without the need for any software intervention on the part of the institution.
- ◆ Assignment of upper or lower groups to defined parameters can be dynamically selected.





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