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AKGÜN SOFTWARE PRODUCT CATALOGUE



A person wearing a white long-sleeved jacket, black shorts, and a black cap with a white stripe is climbing a grey rock face. The person is positioned on the left side of the frame, reaching up with their right hand. The background is a clear blue sky. The text is overlaid on the right side of the image, partially obscuring the rock face.

More simple
and faster
processes
with solutions
special for you.

Akgün Software that sees information as inevitable part of human life was established in Trabzon in 1986. The expert firm Akgün Software which has developed itself as of its establishment; incorporated its experience and accumulation into service quality has a sustainable development and growth. Trainer mission of Akgün Software, one of the first establishments training Certified Software Specialists in Turkey in the period of its establishment, creates also an added value for customer. With its own engineering resources and 26 years' experience and accumulation in information technologies sector, it created specific designs for its own in Human Resources work processes and Health Servers work flows and it contains specialist personnel in his own field related with products it services and produces. *Akgün Software has put signature to important projects completed and being under progress with this competence level it has and potential of new project production. Within this scope, Tubitak and San-Tez projects, the first projects in its field in Turkey, are being conducted. In the following activity fields, R&D studies are being performed:*

ak gün

- Process improvement
- Location-based follow-up of human and devices
- Designing and producing information and communication devices for health sector and medical devices
- Making special hardware design
- RFID applications
- Use of mobile technologies
- Image processing

For our company, R&D activities that require to employ an important man power and will bring our establishments to future are continued to be conducted and our company has continued to develop projects that will contribute to country economy in this regard. Our firm that knows the importance of R&D activities among process improvement studies has became one of 130 R&D centers registered by Ministry of Science, Industry and Technology as a result of studies made. In our R&D centre, 61 R&D employees who completed Doctorate, Master's Degree and Undergraduate educations in their field continue to provide service.

We are bringing our establishments to future

with
R&D
activities

akgün image archiving and communication system

It provides work flows to be performed in digital environment in radiology and contributes to creation of hospital without film and paper (digital). In the same time, it created quality and accuracy in diagnosis by providing various image processing opportunities for radiologists thanks to digital images having high-resolution. Akgün PACS

supports many three-dimensional applications such as MIP, MINIP, VRT, MPR, SSD by using sophisticated image processing techniques not only on two-dimensional images but also in software. These techniques provide opportunity for radiologists to examine the related organs from different angles and sections virtually.

akgün electronic document management system

It provides opportunity for regular archiving of documents and fast access to the required document by providing management of every document according to certain systematic. It increases productivity of employees and reduces corporate costs by preventing unnecessary paper and time losses. It provides to be solved the protection problems by eliminating increasing the physical place needs for archive.

akgün hospital information management system

All clinical, administrative and financial processes in your hospital are taken under control with Hospital Information Management System. It supports many national and international processes and standards in electronic patient recording, polyclinic services, in-patient treatment services, operating room, pharmacy services,

finance, human resource, stock and inventory management and integration with external establishments. Akgün HIMS having both client-server and web based architecture has a scalable structure and has the ability of supporting numerous users from the smallest polyclinic to biggest campus hospitals without problem.

It is an application having improved functions such as analysis request management, result, follow-up and device integrations in laboratories. Akgün LIS has Laboratory Management, Patient Admission, Result Tracking and Approval, Microbiology, Quality Control, Stock Management, Data Analysis and Statistics and Online LIS modules.

akgün laboratory information system online laboratory



It is a system that provides laboratory requests of district polyclinics based on hospitals, 1st step health establishments, physicians and family physicians to be received over Web architecture. You can reach your laboratory results from everywhere having internet through our web-based system. Requests and results of patient are monitored by entering TR ID numbers of them. After it is entered into system, patient information is transferred from Hospital Information System's Records to Laboratory Information System. Results of patient whose laboratory result is given are taken over "Online LIS" system.

akgün radiology information system

This system provides to be conducted all transactions in electronic environment by performing integrated functions in patient admission, appointment planning and management, patient analysis, request management, examination, reporting, consumable materials, statistics and system management in digital Radiology department. Reporting of medical images can be made from remote points and centre with Akgün Tele-radiology system.



By means of Akgün Decision Support System, it is possible to obtain reports in very various dimensions such as costs of health institutions in base of date, clinic, service and physician, profitability and productivity, number of patient, diagnosis operations, in-patient patients, out-patient patients, institution, time, diagnosis, service, physician. As Akgün Software, we analyze the raw data and convert to information for the purpose of analyzing current situations of institutions, increasing their performance, assisting them for making strategic decisions for future, providing to use resources more accurately.



akgün clinic assistant

Clinic Assistant Application is a web-based application providing to make operations related with patient directly on patient; it is designed in such a way that may work on tablet PC. Within the framework of specifications of mobile device on which you will use Clinic Assistant Application;

- . Patient is recognized easily and patient confusion probability is removed with patient wristbands.
- . Thanks to barcode reading features; patient-drug matching is made and risk of using incorrect drug for patient is removed.
- . Thanks to camera, you can easily take photos of your patient, you can share these photos with your patient and treatment process can be monitored.

akgün blood taking information system

It is an application providing date and time of blood taking for out-patients and in-patients to be measured REAL TIME and recording these information in health file of patient.

akgün oral order

It is an application providing orders given by telephone for medical treatment to be implemented on patient by physicians in clinics to be recorded automatically and to be matched this record with personal health record file of patient.

emergent consultant and **physician calling system**

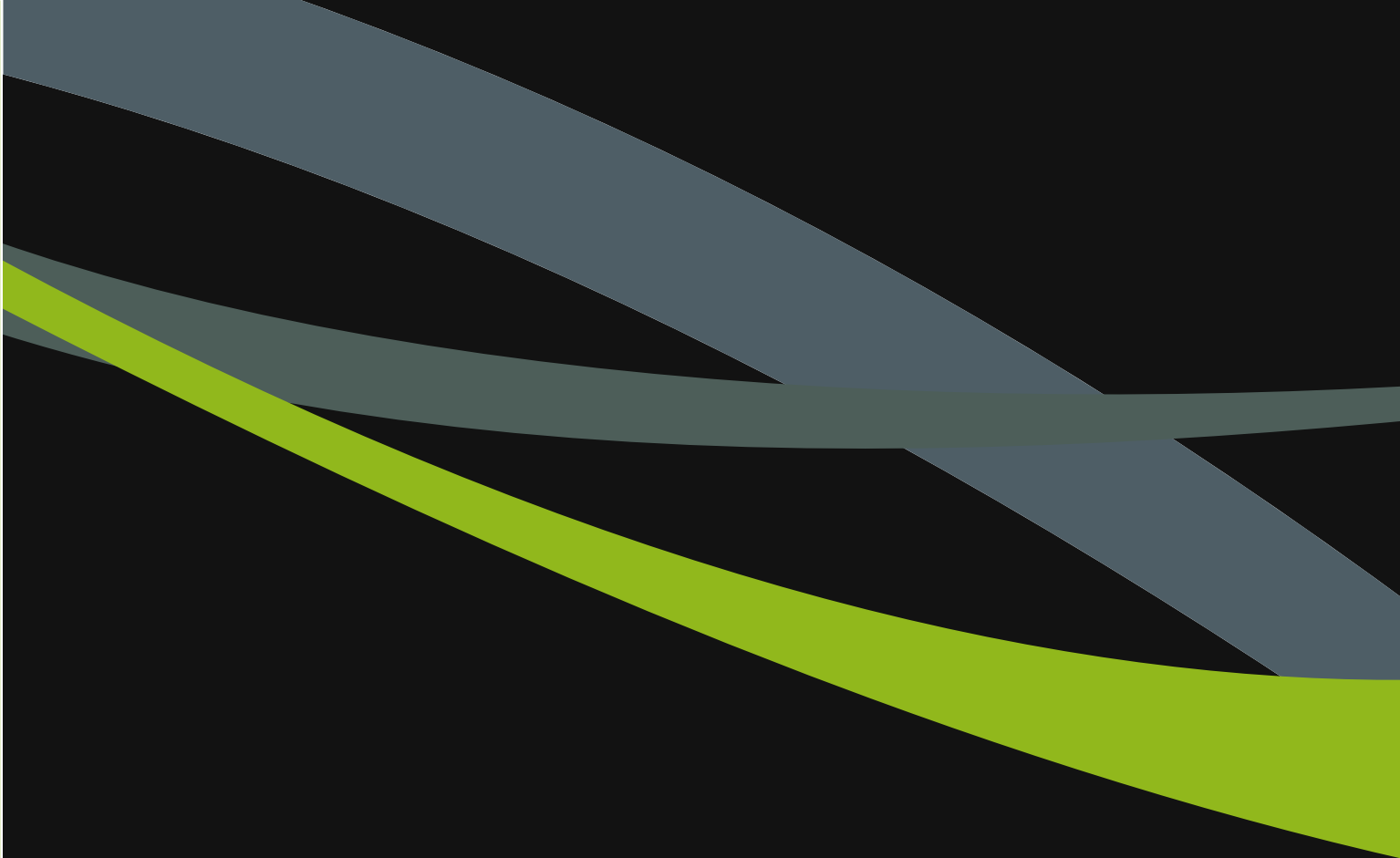
It is an application providing to be called consultant physicians in emergency services and recording admission times of consultant physicians to emergency service.

akgün patient record information systems

In KIOSK System, you can easily make your all transactions in hospital as is in cash point devices. When you come to hospital with card you have, you can select your physician with KIOSK device and receive laboratory results easily.

video conference system **and teletype system**

- It is a software providing opportunity for making video-conference in web environment.
- Document even screen may be shared over white board.
- It provides opportunity for making tele-ultrasound providing online sharing of moving images.
- In-house communication-transmission
- Fast coordination among departments
- Interactive training
- Immediate case sharing
- Fast visual sharing





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