

Doctor ELEKS for Windows* 8.1 Solutions Brief



Solutions Brief
[Intel® Developer Zone](#)



Enabled by Intel® Atom™ Tablets for Windows* 8.1

As the field of medicine evolves to incorporate new technologies through what is commonly known as Healthcare IT, the ability to easily store and access patient data securely has been challenging.

Yet now with Doctor ELEKS medical information system from ELEKS, featured on Intel® Atom™ tablets for Windows* 8.1, medical-related organizations have a simple way to collect, store and access patient information.

Doctor ELEKS helps store patients' medical information including video, graphic and text, in a single electronic record. It includes more than 20 subsystems that allow medical professionals to edit document templates, maintain appointment schedules, analyze clinic's activities and statistical data, integrate with various medical devices and process images.

Benefits for Clinics

- Easy procedure for billing services
- Centralized and structured medical data storage
- Higher quality of patient examination
- Materials inventory accountability and reduction

Benefits for Physician

- Quick search and retrieval of patient information
- Reduced physician examination time due to the "smart document workflow"
- Inter-operation with medical devices: video and image saving, editing, and processing
- Visual highlights when test results deviate from the norm



A Better Way to Deliver Quality Medical Services with Doctor ELEKS

The developers at ELEKS worked closely with international medical institutions and the Intel® Developer Zone to develop a powerful new medical information system with Doctor ELEKS.

Featured on new Windows* 8.1 tablets with an Intel® Atom™ processor, Doctor ELEKS provides a highly intuitive graphical interface for ease of use. The greater mobility gives doctors and other medical professionals instant access to important medical data in different formats including text, pictures and video. Plus, Doctor ELEKS provides a high level of document security.

Doctor ELEKS offers numerous advantages to medical organizations, including:

Medical Reception

- Centralized data storage
- Easy patient appointment scheduling
- Access to essential patient information concerning appointments, services, and payments
- Quick response to patient phone calls
- Control of clinic's service
- Adjustable schedule view and correction
- Personnel scheduling and record keeping (vacations, illnesses, holidays, etc.)

Electronic Medical Record (EMR)

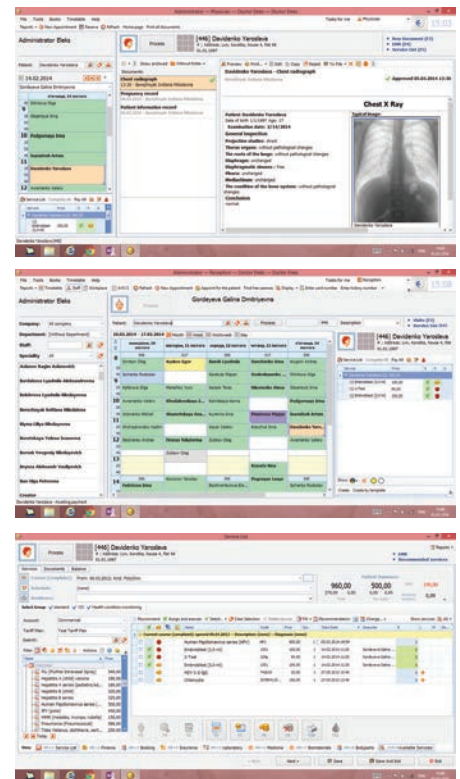
- Centralized storage of all relevant patient information
- Easy data input using "Tree View Templates" technology
- Quick access to patient medical history and examination results

Laboratory

- Inter-operation with laboratory analyzers
- Automation of data collection process as well as processing and analysis
- Visual tips and highlights when test results considerably deviate from the norm

Picture archiving and communication system

- Integration with different types of medical devices
- Save images and video, with immediate processing using a built-in graphics editor
- Create key frames and add notes to the appropriate areas of the image



Reports and Finances

- Access to essential analytical and statistical information
- Creating reports according to the requirements of a particular clinic
- Supervision of the accuracy of physicians' work and correctness of examination data input

Services and Billing

- Tree-like services list
- Creating accounts and tariff plans, coordination with insurance companies
- Patient payment history



Doctor ELEKS Powered by Intel

Windows* 8.1 tablets with an Intel Atom processor offer a powerful interface to enhance the practice of medicine with Doctor ELEKS medical information system. The Intel Atom processor, high-resolution display and interactive touch capabilities make new Windows* 8.1 tablets a perfect platform for quickly accessing and using medical information.



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