

# Azerbaijan's Electronic Health Card System

||||| A Healthcare Solution for a New Generation



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**gemalto**  
security to be free



## The solution

In April 2007, Gemalto and local partner Bestcomp were selected to provide a digital security solution for EHCS. Bestcomp, a leading Azerbaijani IT company, is acting as integrator for the project, while Gemalto is delivering its Sealys microprocessor cards and middleware.

The solution connects 338 children's medical facilities to a centralized database through a local network, enabling rapid data transmission and automated processing of patient medical records. EHCS records can be read and updated by polyclinics, hospitals and laboratories. In the near future, the EHCS network will be expanded to include pharmacies and ambulances. Broader implementation of social assistance will also be made possible, with EHCS cards serving as proof of entitlement for eligible citizens to receive subsidized prescriptions and care.

A strict security protocol and regular backups ensure full protection of data. Only individuals authorized by medical facility management may access the system to view or update card information. Updates are registered automatically in the security log, with regular backups to hard drives and tapes.

To better inform and guide citizens, a redesigned version of the country's eHealthcare portal was launched simultaneously with the EHCS card. Originally launched in 2008, the updated site now enables EHCS cardholders to register for services and familiarize themselves with administrative procedures remotely, before actually scheduling a consultation.

Azerbaijan Republic Ministry of Health  
Health Informatization Center

# e-Health

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**e-Sağlamlıq Kartları**  
Məmmədov Məmməd  
2823 2325 2325  
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Uşaqlarınızın sağlamlıq məlumatlarını öyrənin

**Tibbi Müayinə Kartları**  
Dövrü tibbi müayinələr barədə

**İmtiyazlı darman alanlar**

**QAYNAR XƏTTİ**  
(012) 431 38 28

**About Us**  
Field of health plays an important role in the formation of the society, to ensure a healthy and normal life style life of people and developing continuously. As in other areas in our country began to use opportunities of modern information technologies. [more](#)

**e-Health**  
By the World Health Organization e-Health is set of as using information and telecommunication technologies in medical institutions. As the most dynamically developing direction of the medical-sanitary service e-health is the one of the factor eliminating the inequality in the health system of the e-health states. [more](#)

**News** [Subscription]  
18 June 2011  
June 17, the celebration was held at the Ministry of Health  
17 June 2011  
17 June - day of medical workers.

## Benefits

Until the launch of EHCS, medical records in Azerbaijan were paper-based and managed in fragmented fashion. Today, the Ministry of Health's new eHealth system consolidates all patient healthcare records, delivering wide-ranging benefits that include:

### Ease of use for patients

- > Enhanced identification security in a handy card format

### Improved quality of care

- > Qualitative data for faster patient examination and treatment
- > Reliable decision-making tools for more accurate diagnoses
- > Significant cost reduction through streamlined process management

### Improved record keeping and mobility

- > Comprehensive views of patient health incorporating records from all branches of medicine
- > Immediate, secure access to patient medical records from any EHCS-equipped terminal
- > Centralized long-term storage of records for the most complete patient medical history

### Promotion of evidence-based best practices

- > Improved statistical and epidemiological visibility

As of 2011, the Ministry of Health has issued over 500,000 EHCS cards. More than 10,000 electronic cards are personalized monthly.

