

**Automated Information System “ABITURIYENT”.**  
**Designed solution of problems of maintenance of examination security.**

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Since 1992, admission to higher and secondary specialized educational institutions in Azerbaijan is conducted by the State Students Admission Commission (SSAC) in centralized order on the basis of test examinations.

One of the main issues during testing is the security of examination. Our long-term experience shows that some problems of security are likely to be solved before examinations on system level by application of special algorithms and procedures. They are directed to ensure the main aim of examination projection, which includes creation of such convenient and comfortable conditions for all participants of the examination, in which they can fully demonstrate their knowledge.

One of the tasks solved on system level is the problem of seating of test takers in examination halls. It should be stated that a number of countries do not face such a problem. However analysis shows that this matter is not as easy as it seems and requires due attention.

On the basis of our practice some factors which negatively influence the ecology of test takers were determined and they are real risk factors. Model of the task was formulated and the algorithm of its solution was processed and realized. The solution of this task prevents conditions which form risk of violation of security. However the necessity of correct organization of control of examination regulations always remains.

Despite the launched efforts on minimization of risk factors, some risk of violation of exam regulations still remains. We have processed and realized algorithms and procedures to seat people, implementing controlling and administrative functions in examination buildings and rooms.

One of the main factors of security of examination is revelation of facts of copying which have taken place in examination halls and determination of the invigilators who permitted this.

Our practice shows that application of developed algorithms and procedures improve testing environment and allow maintaining the security of test examination.