



# Estonia

## Archimedes Foundation

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### Bringing citizen closer - The X-Road Initiative

*<http://www.riik.ee/infosystem>*

Do you imagine accessing all national databases just with a couple of keystrokes and mouseclicks? The vast amount of your personal information will be available to you with the least effort one could ever think of. This is essentially the idea behind the **national project called X-road**, the initiative lead by **Estonian Informatics Centre under the Ministry of Transport and Communications**.

**X-road** is a system that will enable agencies, legal and natural persons to search data from majority of national databases over the Internet, provided they are entited to do so. At the same time, enhanced security solutions will ensure correct treatment of all enquiries passing the system, excluding every possibility that the data access can be misused, as only predetermined personal data can be retrieved. The system is developed in coherence with the national ID-card initiative, which validates a sophisticated solution of personal authentication and secure transactions over digital communication channels.

By the present moment, software components for cross-usage of databases and registers have been created. Also, several turn-key solutions for data processing operations were elaborated in the Ministry of Internal Affairs. With inclusion of private businesses, the whole system will gain additional momentum in bringing state closer to a citizen.