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## Services for the development of automated systems information support for innovation activities and technology transfer

COUNTRY OF ORIGIN	IDENTIFIER	PUBLISHED	LAST UPDATE	DEADLINE
Belarus	BO10236	2024-04-18	2024-04-19	

### Linked profile in other language

[Услуги по разработке автоматизированных систем информационного обеспечения инновационной деятельности и трансфера технологий](#)

### Responsible

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### Summary

The United Institute of Informatics Problems and the Republican Centre for Technology Transfer offer services for the development of automated systems information support for innovation activities and technology transfer under an outsourcing agreement and are looking for partners interested in a distribution services agreement.

### Description

The automated systems information support for innovation and technology transfer (ASIS IATT) provides:

- systematically informing users in Belarus and abroad about scientific and technical achievements in the country and exhibits of the virtual exhibition for information support of exhibition events;
- providing information on potential partners for joint research and commercialization of the results of scientific and scientific-technical activities using modern information technologies (IT);
- formation of an information resource (IR) about the results of scientific and scientific-technical activities of organizations, support for interaction with external IR.

ASIS IATT contains the following six subsystems:

- maintaining databases;
- processing requests and proposals;
- statistics;
- services for residents, firms and investors;
- virtual exhibition;
- service management and administration.

The database maintenance subsystem performs the following functions:

- entering, editing, saving and deleting information from the database (DB);

– centralized management and organization of access to the database in the conditions of the adopted data processing technology, including with the authorization function.

The ASIS IATT IR (content) management is based on the principle of separating levels of user access rights to content.

The database maintenance subsystem manages the following content sections in Russian and English:

- registered users;
- technological requests from Belarusian partners;
- technological proposals from Belarusian partners;
- business proposals from Belarusian partners;
- business requests of Belarusian partners;
- proposals for cooperation between Belarusian partners in the field of R&D; D(T)R;
- technological requests from foreign partners;
- technological proposals from foreign partners;
- business proposals from foreign partners;
- business requests from foreign partners;
- proposals from foreign partners for cooperation in the field of R&D; D(T)R;
- Belarusian innovative enterprises;
- young scientists and entrepreneurs.

Other subsystems perform corresponding functions.

The automated information support system for innovation activities and technology transfer is successfully operated by the Republican Center for Technology Transfer in Russian and English (<https://www.ictt.by>) as one of the main tools for technology transfer and can be used after finalizing a specialized design according to the Customer's requirements, working in the field of innovation and technology transfer as an Internet information portal.

A manual to using ASIS IATT, prepared by experts of the Republican Centre for Technology Transfer "Preparation and management of profiles in the Network of the Republican Centre for Technology Transfer" intended for scientists, technology transfer and marketing specialists can be downloaded [here](#) (in Russian).

## **Advantages and Innovations**

The effectiveness of ASIS IATT is determined by the following indicators:

- reduction of time and automation of the processes of collection, pre-processing, analysis and dissemination of scientific and technical information (STI) to ensure innovation activities and technical technology;
- reducing the time required to search for scientific and technical information through the use of web technologies in online mode;
- creating conditions for disseminating research results in the scientific community and supporting collaboration between research teams;
- providing a unified interface and convenient service for users.

The economic effect of automated systems for this purpose is to reduce the time, labor and technological costs for preparing information materials on TT, such as business and technological proposals, requests, searching for potential partners for joint research and commercialization of the results of scientific and scientific-technical activities.

## **Stage of development**

Already on the market

## **Funding source**

State budgeted

Internal

## **IPR status**

Secret know-how

## **Sector group**

ICT Industry & Services

## CLIENT INFORMATION

### **Type and size of client**

R&D institution

### **Year established**

1965

### **Turnover (in EUR)**

10-20M

### **Already engaged in transnational cooperation**

Yes

### **Additional comments**

United Institute of Informatics Problems of the National Academy of Sciences of Belarus is the leading organization in the Republic of Belarus for fundamental and applied research in the field of information technologies: design automation, applied mathematics, supercomputer technologies, bioinformatics and medical informatics, geographic information systems, digital cartography, information space technologies, Grid-technologies. The Institute is a provider of the scientific and educational Internet in Belarus, participates in the development of recommendations on the use of the results of scientific research, scientific support for informatization processes in the Republic of Belarus, the development of forecasts in the relevant fields of science and technology, and the training of highly qualified personnel.

Scientific directions:

- automation of engineering systems design;
- processing and recognition of signals, images, speech;
- geoinformation systems;
- input and output of video information;
- operations research and discrete optimization;
- data protection;
- decision-making in emergency situations;
- bio- and medical informatics;
- computer networks, databases and telematic applications;
- supercomputer technologies and parallel computing, Grid technologies;
- information and reference systems.

The strategic goal of the UIIP NAS of Belarus is the creation and implementation of systems developed on the

basis of modern scientific theories and methods of information technology. At the same time, the main directions are the development and creation of high-performance systems and advanced technical base of network technologies based on the principles of GRID and cloud computing. Integration of high-performance computing resources of the institute into the European and world network will create conditions for the export of services to other countries. Another important export factor should be the computing complexes and systems created in the laboratories of the institute and designed as a finished hardware and/or software product. The areas of application of these products are automation of the full life cycle of products in industry and electronics, medical informatics, space information systems, information systems in management and government, public information services, and others.

Along with the expansion of scientific and technical cooperation with partners from the CIS countries, Western and Eastern Europe, much attention was paid to expanding the geography of scientific and technical cooperation and entering new markets for scientific and technical products (China, the countries of the Persian Gulf and a number of other countries).

The strategic goal of the implementation of international projects is to increase the competitiveness of domestic scientific and technical products, their promotion to the world market, the maximum attraction of foreign investment in the research sector of the Republic of Belarus.

### **Languages spoken**

Russian

## INFORMATION ABOUT PARTNERSHIP

### **Type of partnership considered**

Distribution services agreement

Outsourcing agreement

### **Type and role of partner sought**

Consumers interested in purchasing services for the development of an automated system information support for innovation activities and technology transfer under an outsourcing agreement.

Partners interested in purchasing services for the development of an automated system information support for innovation activities and technology transfer under a distribution services agreement.

### **Type and size of partner sought**

Sole proprietor

## ATTACHMENTS

[ASIS IATT-1.jpg](#)

# 15 лет в национальной инновационной системе

Содействие сотрудничеству между разработчиками, предпринимателями, инвесторами

  **Республиканский центр  
трансфера технологий**

**Новости**



**Innovation Commercialization Centre (ICC)**  
 Центр коммерциализации инноваций (ЦКИ)

2024-04-16

На платформе трансфера технологий Фонда «Сколково» - Sk RnD Market размещены новые технологические запросы



2024-04-15

Бизнес предложения Института Математики НАН Беларуси

**Выставка**

Смотреть



**Каталог**

Смотреть

Новые предложения и запросы





**Беларусь** 2024-04-12

**БП** Численные методы решения многомерных задач математической физики и механики

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**Беларусь** 2024-04-12

**БП** Программный комплекс для расчета на суперкомпьютере внешнего обтекания тел, движущихся в турбулентных сжимаемых средах

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**Беларусь** 2024-04-12

**БП** Приложения для персональных компьютеров и мобильных устройств

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**Беларусь** 2024-04-12

**БП** Нелинейный анализ и оптимизация

[ASIS IATT-2.jpg](#)

# 15 years in the National Innovative System

Promotion of cooperation between hi-tech developers, entrepreneurs and investors

  **Republican Centre  
for Technology Transfer**

**News**



**Innovation Commercialization Centre (ICC)**  
 Центр коммерциализации инноваций (ЦКИ)

2024-04-16

New technology requests have been posted on the Skolkovo Foundation technology transfer platform - Sk RnD Market



2024-04-15

Business offers of the Institute of Mathematics of the NAS of Belarus

**Exhibition**

Explore



**Catalogs**

Explore

New partnership opportunities





**Belarus** 2024-04-12

**BO** Numerical methods for solving multidimensional problems of mathematical physics and mechanics

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**Belarus** 2024-04-12

**BO** A software package for calculating the external flow around bodies moving in turbulent compressible media on a supercomputer

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**Belarus** 2024-04-12

**BO** Applications for personal computers and mobile devices

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**Belarus** 2024-04-12

**BO** Nonlinear Analysis and Optimization