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## Medical information systems and complexes

COUNTRY OF ORIGIN	IDENTIFIER	PUBLISHED	LAST UPDATE	DEADLINE
Belarus	BO4432	2021-11-05	2021-11-06	

### Linked profile in other language

[Медицинские информационные системы и комплексы](#)

### Responsible

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### Summary

The United Institute of Informatics Problems (UIIP) offers consumers medical information systems and complexes on the basis of an outsourcing agreement and is looking for partners to conclude a distribution services agreement.

### Description

At the UIIP NAS of Belarus, the latest information technologies and modern software and hardware solutions have been developed and introduced into medical institutions:

- \* automated management systems for medical institutions,
- \* teleconsultation system,
- \* multilevel system for early diagnosis of congenital immunodeficiencies.

The proposed developments cover all levels of health care institutions, from an individual doctor's workplace to a system for an entire region.

Together with Belarusian medical scientists, a distributed real-time telemedicine system for digital fluorography (TMS CF) was developed and put into operation on the basis of the city TB dispensary and 30 city polyclinics in Minsk. TMS CF is designed for remote electronic consultations on radiation diagnostics (digital fluorography) with teleinterpretation of diagnostic images. The republican multi-level information system "ImState-Diagnostics" is the implementation of unique multi-level information technology for early diagnosis of various forms of congenital immunodeficiency in children at the district, regional and republican levels of medical care.

### Advantages and Innovations

Automated management systems for medical institutions make it possible to significantly simplify and speed up the workflow in medical institutions, to provide the medical staff of clinics to carry out their professional activities in more comfortable conditions. The distributed telemedicine system provides a means for remote medical institutions to conduct teleconsultations in real-time with large specialized medical centers. The exchange of textual information and images from various digital diagnostic devices is provided. This significantly reduces

the time required for diagnostic procedures.

The information system "ImState-Diagnostics" significantly increases the efficiency of diagnostics of various forms of congenital immunodeficiency in children.

### **Stage of development**

Already on the market

### **Comments regarding stage of development**

More than 75 percent of polyclinics and hospitals in Minsk have installed automation systems for medical institutions developed at the institute. The teleconsultation system for fluorography has provided more than 900,000 consultations over the past few years.

### **Funding source**

State budgeted

Internal

### **IPR status**

Secret know-how

### **Sector group**

Healthcare

ICT Industry & Services

## **CLIENT INFORMATION**

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

R&D institution

### **Year established**

1965

### **NACE keywords**

J.62.0 - Computer programming, consultancy and related activities

J.62.02 - Computer consultancy activities

M.72.19 - Other research and experimental development on natural sciences and engineering

M.74.90 - Other professional, scientific and technical activities n.e.c.

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

10-20M

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

Yes

### **Additional comments**

Cooperation with foreign universities, research centers and organizations in the field of informatics,

implementation of joint international projects and programs.

### **Languages spoken**

Russian

## INFORMATION ABOUT PARTNERSHIP

### **Type of partnership considered**

Distribution services agreement

Outsourcing agreement

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

Consumers of medical information systems and complexes on the basis of an outsourcing agreement.

Partners for the conclusion of a distribution services agreement.

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

University