Statement by Mr Vitaliy Alexandrov,
Deputy Permanent Representative of the Republic of Kazakhstan to UN ESCAP

ESCAP Digital Solutions Center for Sustainable Development

- Countries transfer source codes, technical documentation and methodology for the Software
- Equal distribution of financial costs to all participating countries
- Secondment of two IT engineers from each State at the launch stage
- Basic equipment: purchase of screens (monitoring center format). Server and network equipment
- Premises will be provided by the Government of Kazakhstan

KEY TASKS

Identifying critical digital technologies that can enable significant progress towards achieving Sustainable Development Goals

Preparation of clean versions that can be implemented in different countries

Training programs for specialists from participating countries in methods for working with technologies

The work should be structured according to the Technology Hub principle

Countries will be provided with free access to all developments, as well as assistance in their implementation

DECADE OF ACTION

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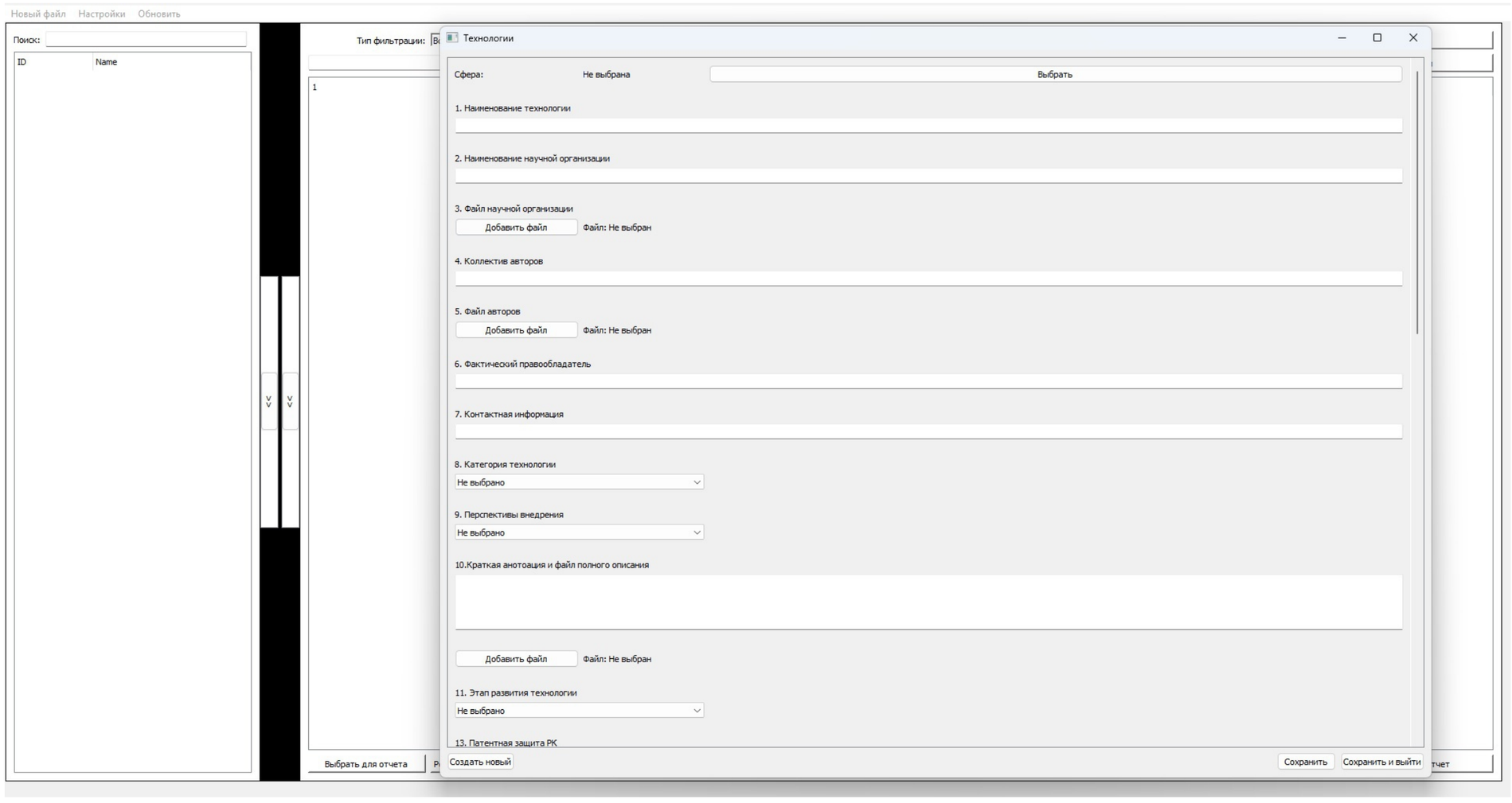

A lightweight, intuitive, modern digital program for collecting data on technologies, scientific publications and analytical reports

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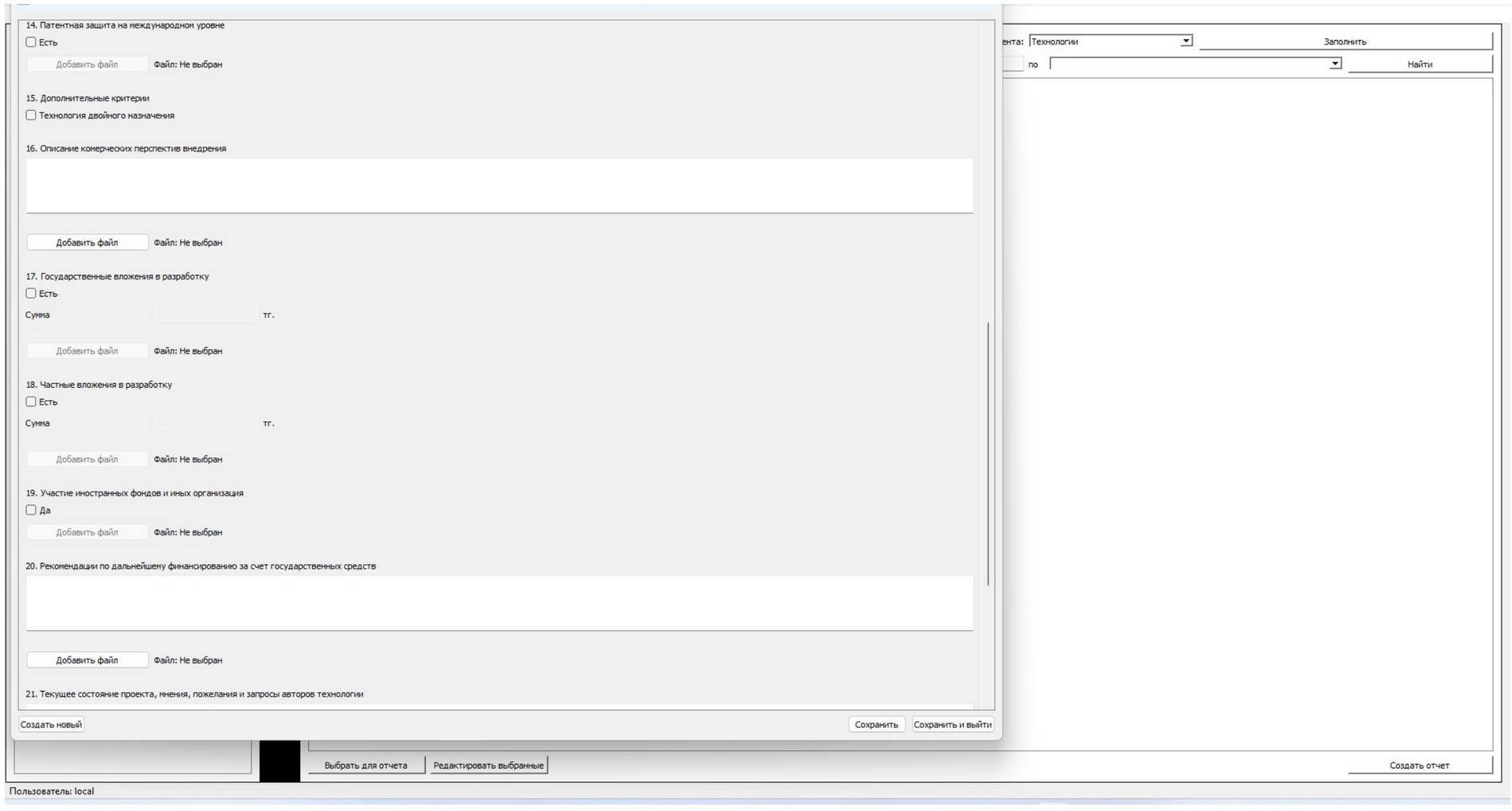

Based on 23 criteria, including the name of the technology and information about the authors, areas of application, background of the project, stage of development, data on the early stages of funding from public or private organizations, etc.

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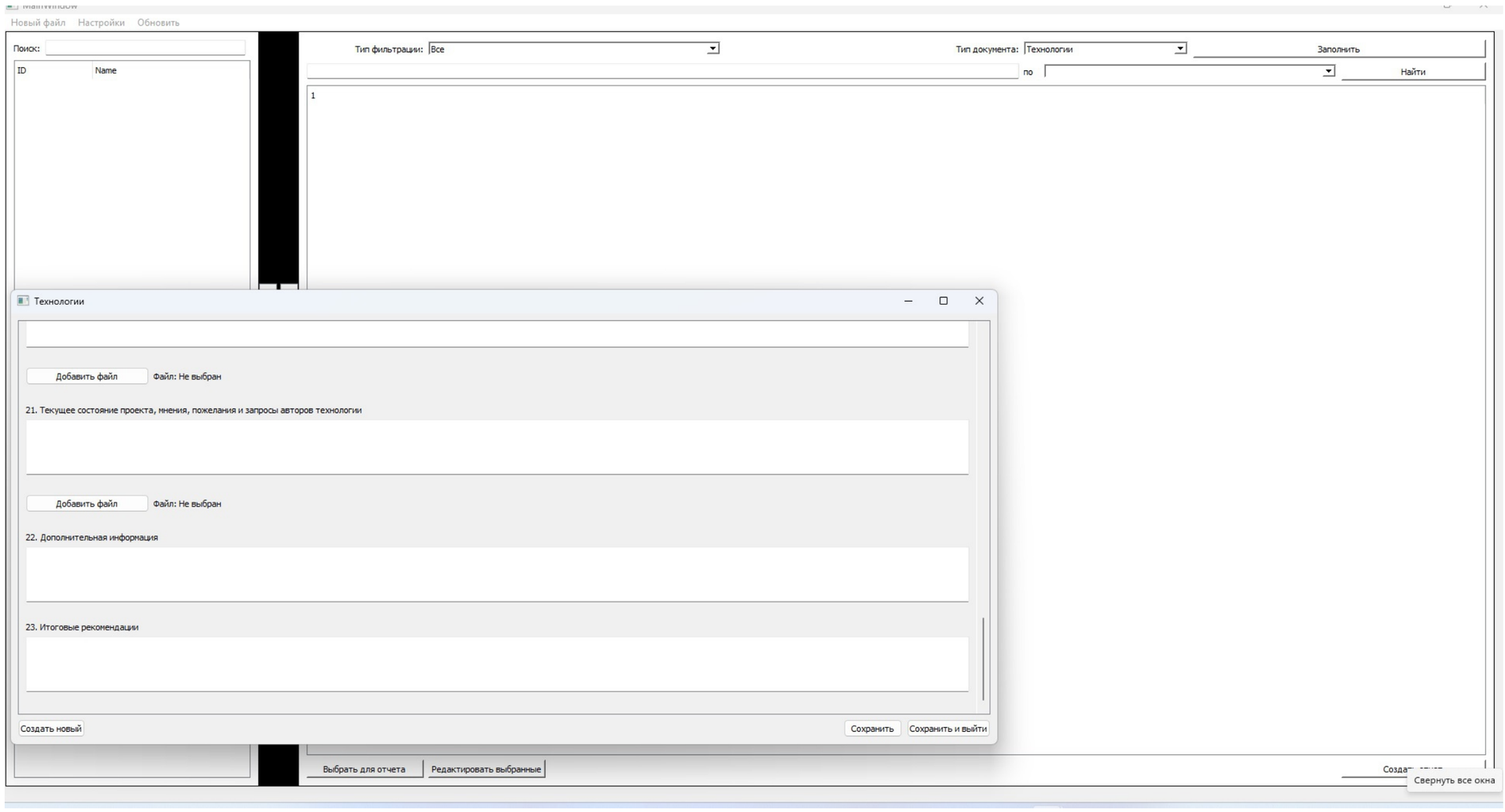

Without bureaucracy, without hierarchy, without intermediary organizations between scientists and the Government

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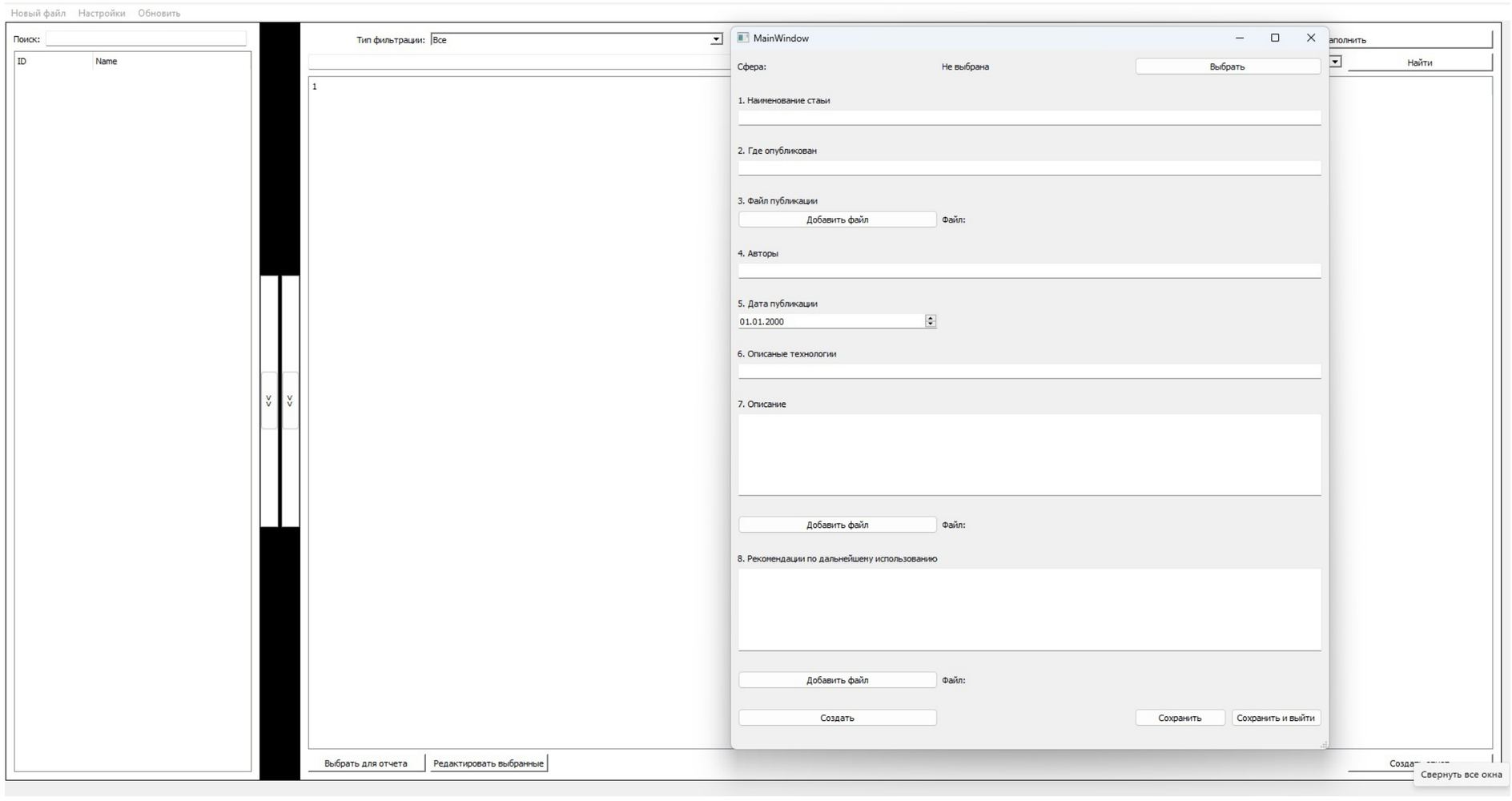

Every scientist, regardless of having a particular scientific degree, working in a scientific organization or outside it, young or retired, will have the opportunity to contribute their latest data on the technologies they have created

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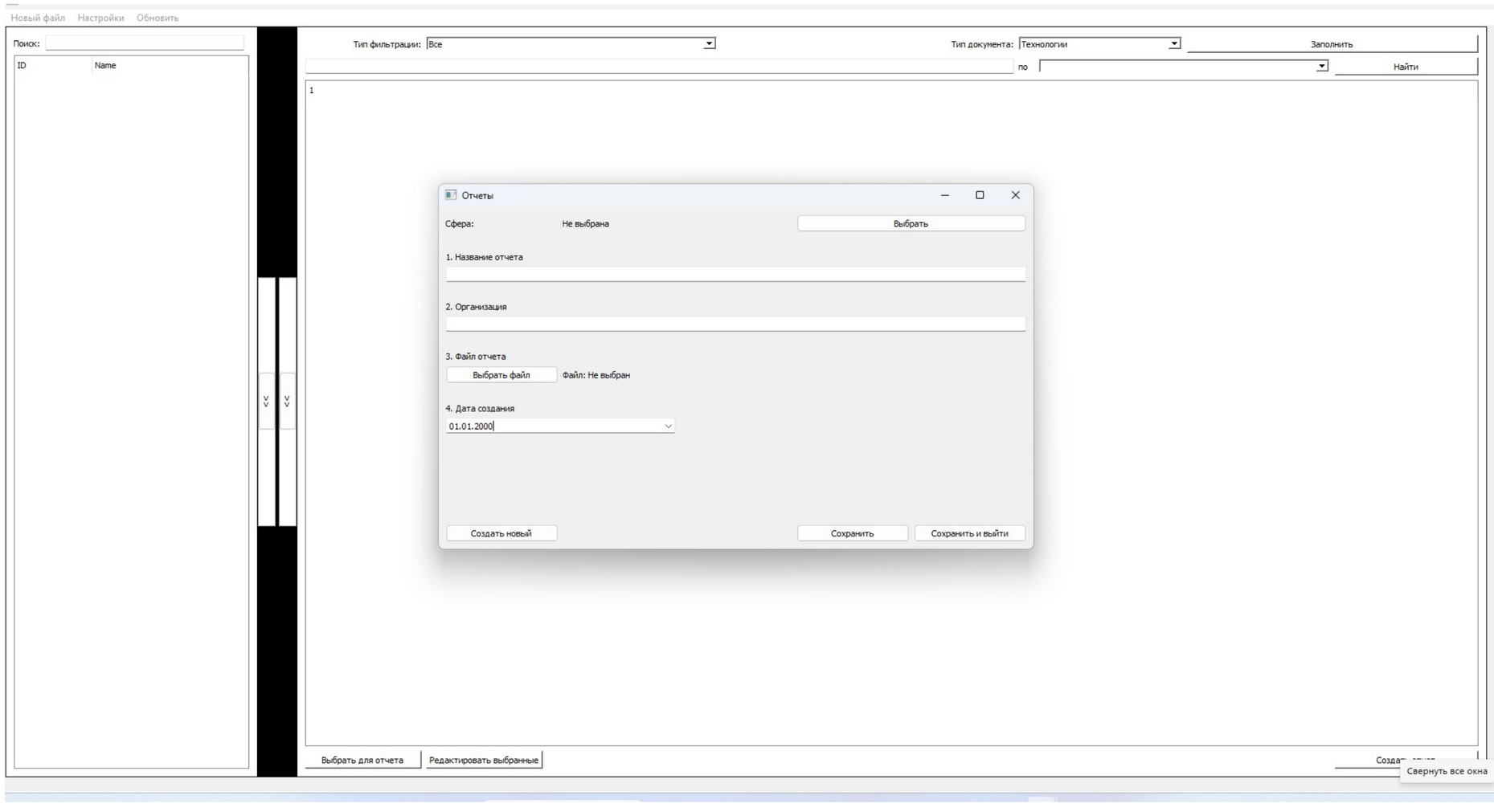

Every technology is the Heritage of the state and humanity. The principle we proposed is fundamentally different from the work of patent organizations

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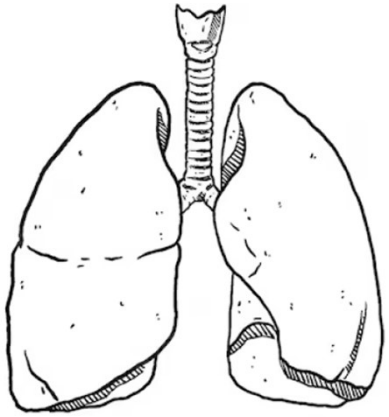
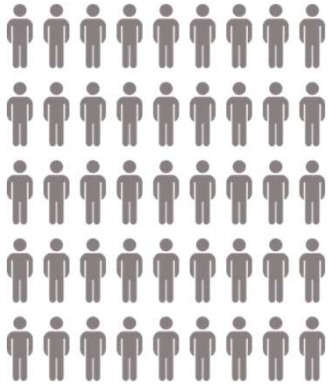
Problem



2.2 million new cases

lung cancer diseases
annually



1.6 million people

dies annually
from lung cancer

Problem

Long time from detection to treatment

~2 weeks

High rate of medical errors
due to human factor

Diagnostics

12%

Solution

Faster and more accurate detection of cancer using AI

Solution

Cloud-based solution with a web interface
and access from anywhere in the world

365/24/7

Forus Data
AI SOLUTIONS

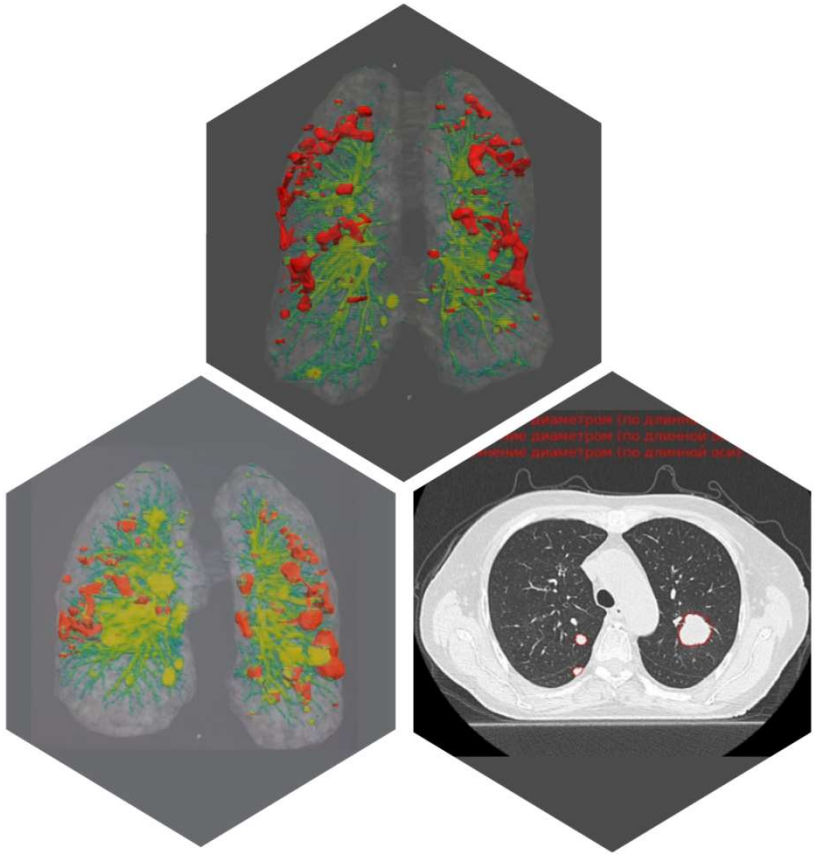
What we have done so far

Developed neural network models
for the early diagnosis of cancer

LungCancerCT (beta)

detection of nodes and
shadows from 3 mm

accuracy
90%



Forus Data
AI SOLUTIONS

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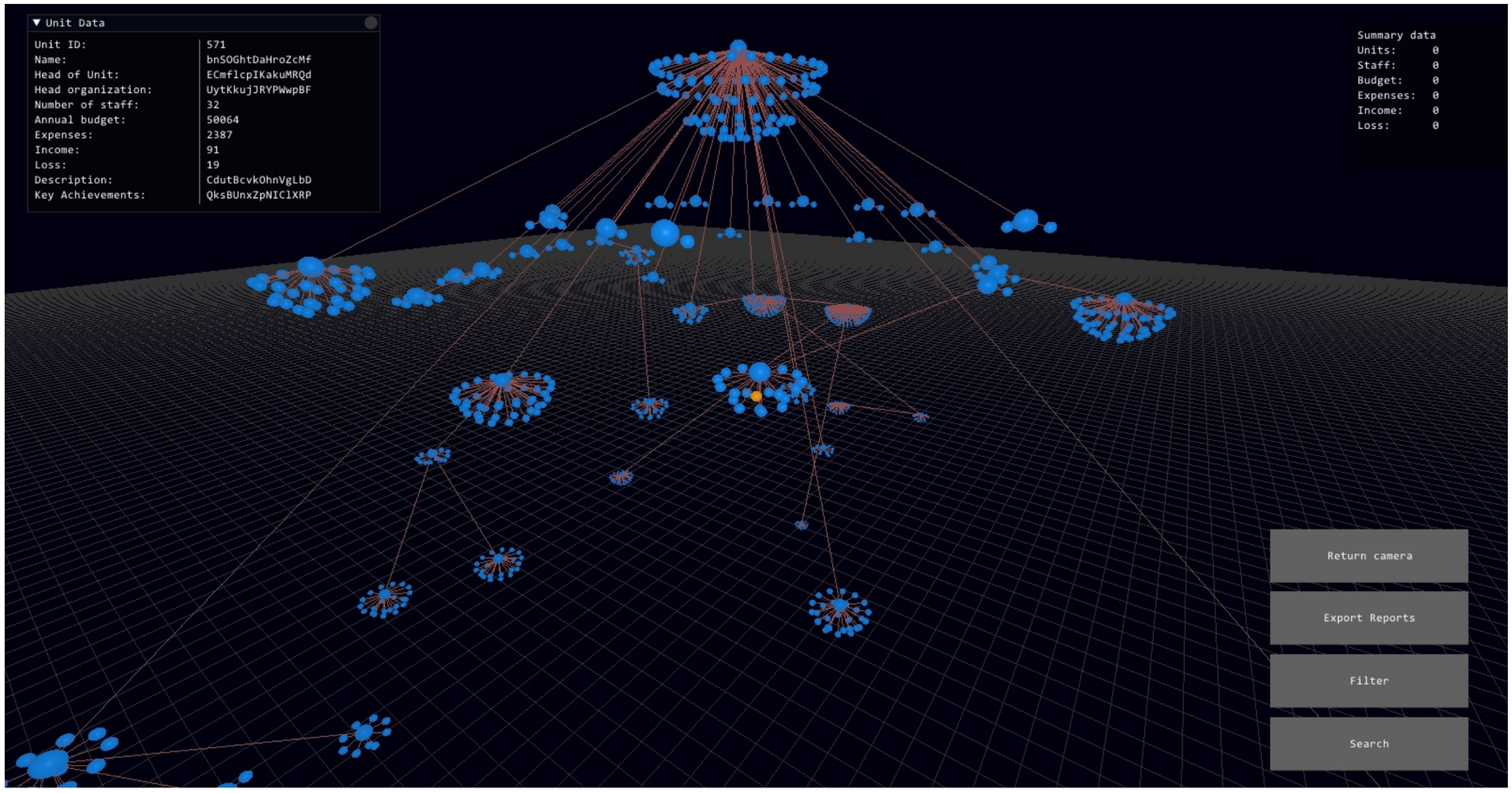

The platform is designed to completely change the understanding of what tools can be used to manage the Government.
The software can digitize every government employee or department

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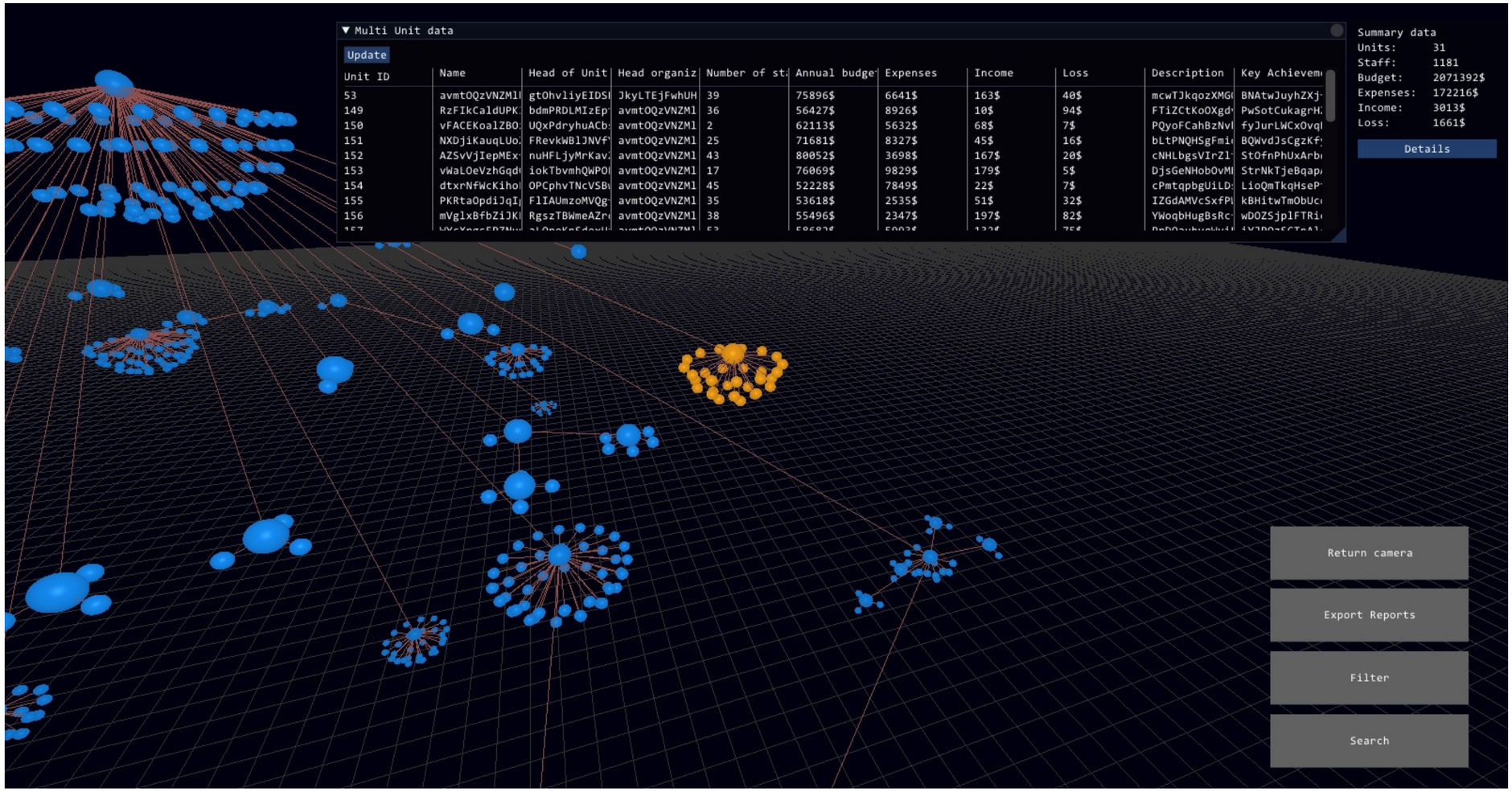

Full transparency of financial and human resources, direct access to every report, description of a task or problem.

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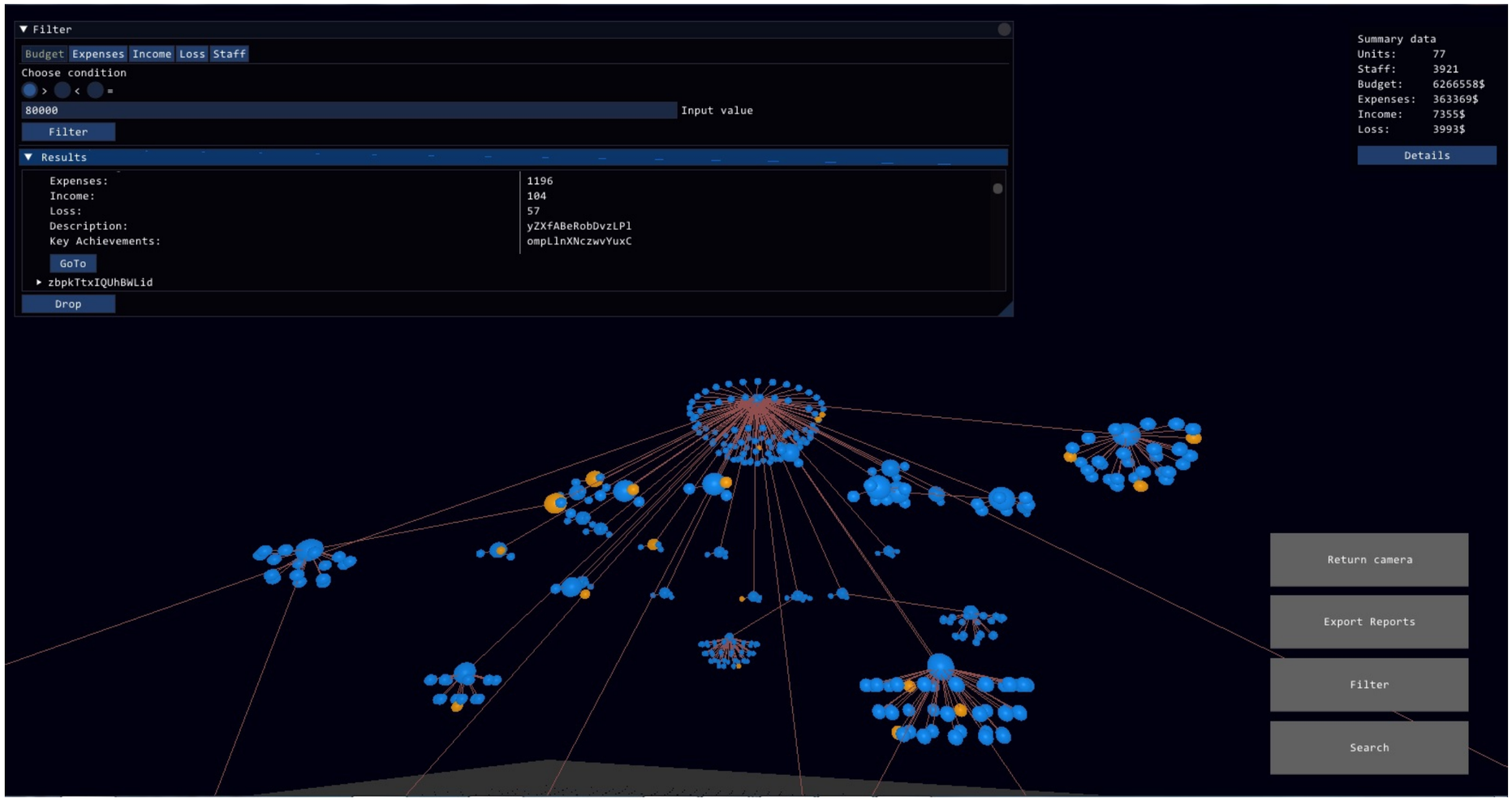

The developers claim that the new solution can make the work of Governments and large companies more efficient.
Speed up your work 1000 times

DECADE OF ACTION

In general, Kazakhstan has already formulated its proposal for many other digital solutions, which we are ready to provide free of charge for Central Asian countries and beyond.

These are 20 more solutions in the field of public services, cloud document management, taxation, customs procedures, etc.

All these have been stable and ready-made developments for several years.

DECADE OF ACTION