



THE SPECIAL INVESTIGATION SERVICE OF THE
REPUBLIC OF LITHUANIA:
EMPLOYING DATA ANALYTICS FOR IDENTIFYING
AND MANAGING CORRUPTION RISKS

Dr. Margarita Dobrynina

Head of the Strategic Analysis Division

E-mail: margarita.dobrynina@stt.lt

ANALYTICAL ANTI-CORRUPTION INTELLIGENCE



The purpose – to neutralise threats and risks caused by corruption before they develop into corruption-related crimes.

Analytical anti-corruption intelligence was established on January 1, 2018.



Analytical anti-corruption intelligence – analytical activity carried out by the Special Investigations Service (SIS) that includes:

- collection, processing and collation of information on corruption and the related phenomena with other public or classified information available to the SIS;
- obtaining qualitatively new data that is the result of processing this information;
- receiving, using and providing the information to the Government and municipal agencies and officers authorised to make decisions significant in terms of reduction of the spread of corruption.



Pursuing its activity objective and implementing tasks assigned to it the SIS has the following rights:

- receive free of charge data of the state information resources and documents as well as other information necessary from government and municipal authorities, institutions and enterprises, the State and municipality managed enterprises, enterprises whose shareholder is the State or a municipality, public institutions that are established, owned or co-owned by the State or a municipality;
- receive free of charge information on the legal person's economic and financial operations and use of financial and/or payment measures from banks, financial and credit companies, credit institutions and other legal entities.

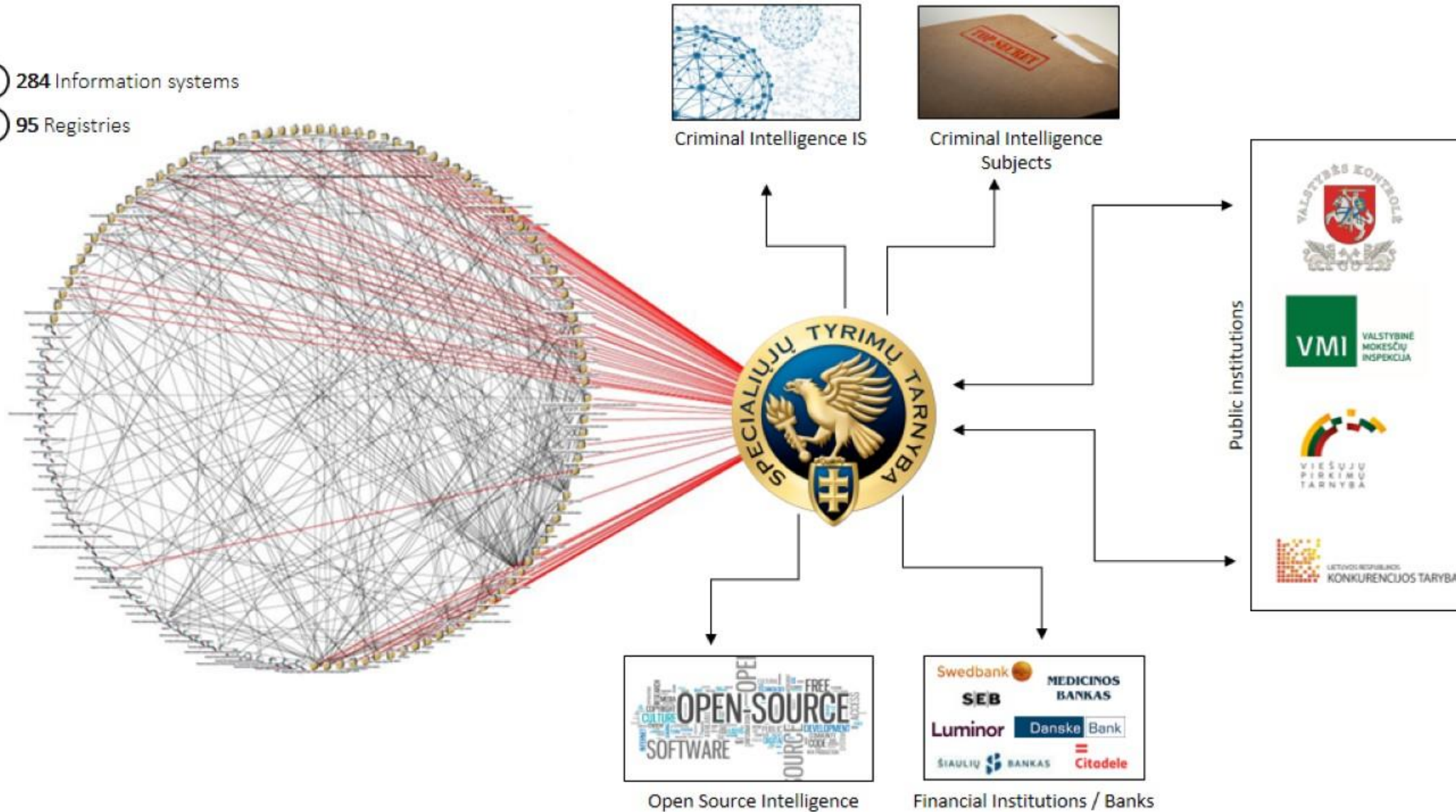


The challenge – how to effectively analyze and integrate large amount of available data?

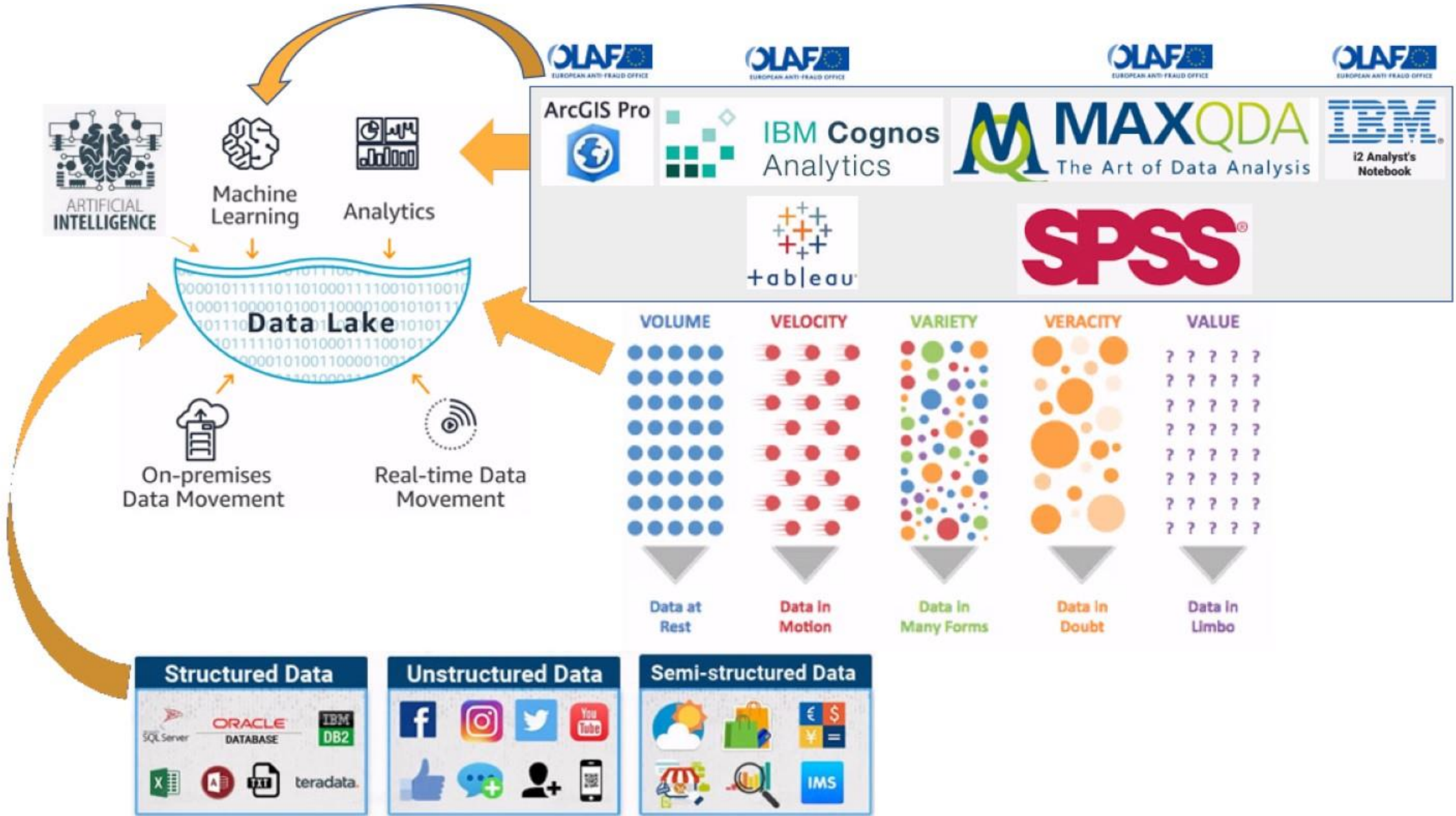
MAIN SOURCES OF AAI

i 284 Information systems

i 95 Registries



STT ANALYTICAL ARCHITECTURE



OUTCOMES

- Improved work of the STT allowing **more efficient and effective analyses**
- **Increased number of reports** issued to the public and decision-makers compared to period before 2018
- Provision of **information** to decision makers in a **timelier, more concrete and understandable way**, i.e. using visualization software
- Identification of loopholes in the laws, **insights** on how to **amend the regulatory and institutional framework**
- Ability to **respond quicker** to requests for assistance
- **Detection of potential** conflicts of interest, bribery and collusion **cases**
- Provision of data for **evidence-based anti-corruption measures**

FACILITATING FACTORS

- Political leadership to fight corruption, e.g. expressed in the extensive access to data bases and financial information the STT has
- Interdisciplinary team combining people from the analytical department and the IT department of the STT
- Collaboration and exchange with other institutions to understand what systems they use and which corruption risks they encounter
- Thorough market research of software solutions.
- Training analysts and IT specialists to use acquired software according to their competences.
- Constant collaboration with practitioners, academia and NGOs about corruption risks, needs for investigation and needs for improvement in the analyses and reports provided