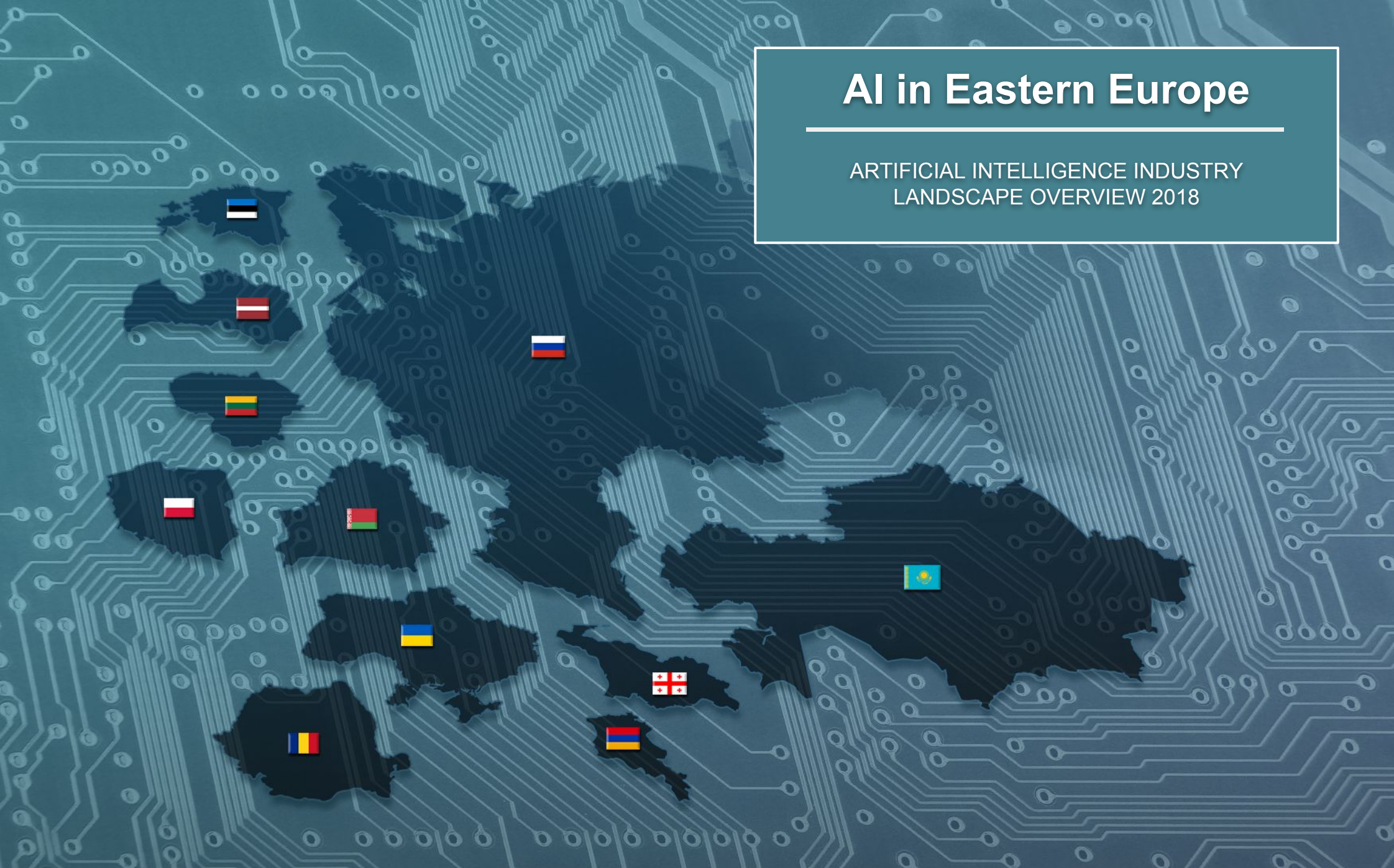


AI in Eastern Europe

ARTIFICIAL INTELLIGENCE INDUSTRY
LANDSCAPE OVERVIEW 2018



AI in Eastern Europe Industry Landscape 2018

500 AI Companies

Russia

Poland

Belarus

Ukraine

Kazakhstan

Estonia

Armenia

Georgia

Latvia

Romania

Lithuania



Marketing & Advertising



Chatbots & AI Assistants



Entertainment



Security



Healthcare



Transport & Infrastructure



AI in Eastern Europe Industrial Landscape

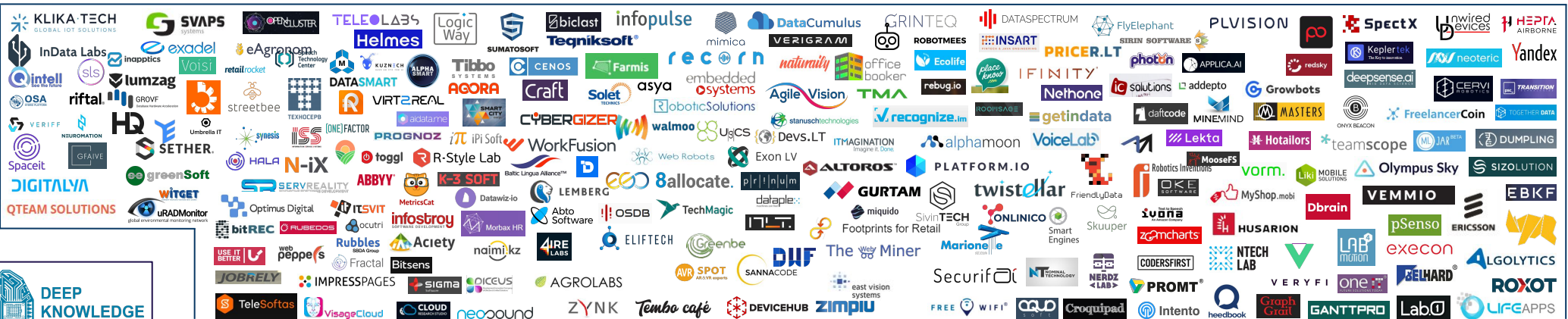
Education & Research



Fintech & Finance



Others



Transport & Infrastructure



Chatbots & AI Assistants



Fintech & Finance



Security



Entertainment



Marketing & Advertising



AI in Eastern Europe Industrial Landscape

Education & Research



Healthcare



Others



Introduction to AI in Eastern Europe

Artificial Intelligence is without any doubts a technology of the present and the future. The advancement and development of AI has an enormous impact on many of the social challenges that we face today, such as food security, sustainable agriculture, demographic change and climate change.

Many Eastern European governments are focused on investing and developing AI within their territories. These countries see investment in education and startups as a priority to support the growth of the AI industry as part of the country's economic development.

Russia, Belarus and Ukraine are also the countries in gaining the most in international grants for AI development, winning contests and acquiring huge investments. For example, the Ukrainian startup UniExo won the international contest for innovations in robotics Robot Launch 2017, and was awarded the chance to take part in the Silicon Valley Robotics accelerator program.

When it comes to sectors, most Central and Eastern European countries are using cognitive computing and AI systems in banking, retail and process manufacturing. According to IDC Trend Spotter, from 2016 to 2021 the target from investors is expected to start shifting more towards the healthcare sector through the application of cognitive computing or AI on diagnosis and treatment.

Geography of initiatives

Based on our research, the main types of government initiatives towards AI development were found as following:

1. **National government initiatives.** Governments are developing their own strategies of supporting AI based startups and application in various industries.

For example, the Russian Ministry of Defence presented 10 policies which recommended the creation of a state system for AI education and talent retention, establishing a national center for AI, and hosting war games to study the impact of AI on military operations.

2. **Supranational initiatives.** Eastern European countries that are part of the EU are involved in EU policies of AI supporting. The AI startups have additional opportunities for funding through the EU as well.

The Poland's Digitization Minister, Mr. Marek Zagórski, declared that *"after the AI strategy is developed, businesses could obtain state and EU funding easier, and more entrepreneurs would be encouraged to invest in AI"*.

3. **Intercountry initiatives.** AI initiatives are supported and proliferated by consortium of other countries.

On May 2018 the Ministers responsible for digital development from countries as Denmark, Estonia, Finland, Iceland, Latvia, Lithuania, Norway, Sweden have released a Declaration on AI in the Nordic-Baltic Region.

Purpose of This Report: Mapping the Artificial Intelligence Landscape in Eastern Europe

The present report is organized into 2 volumes spanning over nearly 200 pages. The report is structured so as to make plain the development of Artificial Intelligence in Eastern Europe, including following countries Armenia, Belarus, Estonia, Georgia, Kazakhstan, Latvia, Lithuania, Poland, Romania, Russia and Ukraine.

Volume I presents the broad overview of the Artificial Intelligence industry in Eastern Europe, the strategic management and government plans for artificial intelligence. It also describes the past, present and future of the industry and shares information on the current technological and media trends. The volume is organized in such chapters:

- **Chapter I: AI in Eastern Europe Industry Landscape Overview** provides a broad overview of the current Eastern Europe-based Artificial Intelligence landscape, considering both private sector as well as nonprofit and government-led projects and initiatives, with specific focus on the current state of the industry.
- **Chapter II: Current AI Initiatives in Eastern Europe** presents the current situation and analysis of the AI initiatives undertaken in Eastern Europe.
- **Chapter III: The State of AI in Eastern Europe** outlines report findings, statistics, statements by various actors from the region.

Volume II lists information related to chapter I based in the form of profiles collected from different sources related to Artificial Intelligence investment in the Eastern Europe.

- 15 Conferences
- 60 Influencers
- 30 Hubs & Accelerators
- 500 Companies
- 230 Investors
- **Evolution of AI in Eastern Europe:** Russia, around 5 years ago, was a leader in AI technology due to the fact that during the Soviet Union, the country had very strong math based schools. Unfortunately, this is not the case anymore. When it comes to top notch talent, some of the EU countries are overtaking Russia as the main influencer in the region.
- **EU and national strategies:** Besides National strategies coming from the countries within, there is also a strong support towards the AI coming from EU officials in Brussels.
- **AI and Eastern Europe Companies:** In both parts of Eastern Europe (EU and non-EU) AI companies are mainly oriented towards the EU or the US (except Russia). Western countries are usually seem as a main source of investments. However, Asia, mainly China, has become a new leader of AI technologies. The socio-economic situation in Eastern Europe is changing and it is a huge probability that China will become a new source of investments in AI startups.

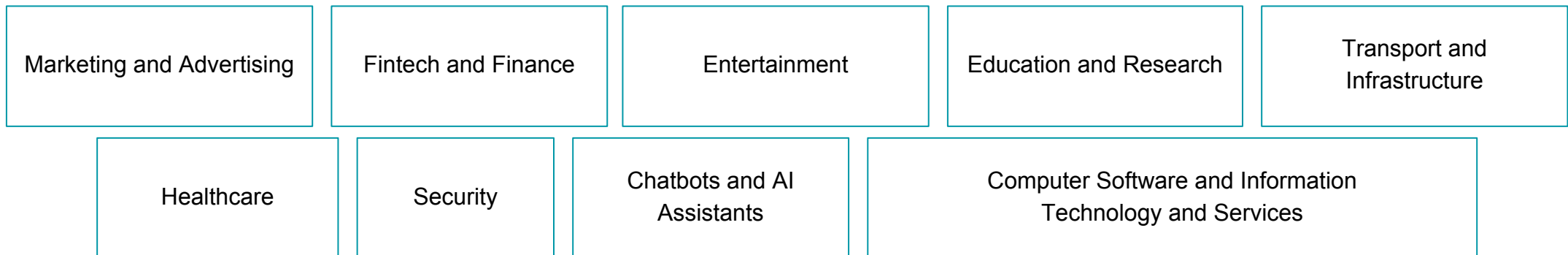


The report will enable to understand what type of technologies exist on the market today, as well as, their purpose. This will include all types of services that AI can provide for business, especially focusing the attention to the challenges that large corporations are having these days.

The main technologies covered in the report are:



The main market sectors covered by artificial intelligence are:



60 AI Influencers in Eastern Europe

 <p>Adrian Matei</p>	 <p>Albert Efimov</p>	 <p>Aldis Erglis</p>	 <p>Aleksander Kutela</p>	 <p>Alex Konduforov</p>	 <p>Alex Zhavoronkov</p>	 <p>Alexander Chekan</p>	 <p>Alexandra Petrus</p>	 <p>Alexandru Floares</p>	 <p>Andrus Ansip</p>	 <p>Antons Mislevics</p>	 <p>Arkady Volozh</p>
 <p>Arseniy Kravchenko</p>	 <p>Askar Zhumagaliyev</p>	 <p>Audrius Zujus</p>	 <p>Bakytzhan Sagintayev</p>	 <p>Dan Ioan Tufis</p>	 <p>David Dachi Choladze</p>	 <p>David Yang</p>	 <p>Dimitry Kumsishvili</p>	 <p>Dmitry Dolgorukov</p>	 <p>Dmitry Grishin</p>	 <p>Dmytro Bilash</p>	 <p>Dmytro Zikrach</p>
 <p>Edmunds Belskis</p>	 <p>Elijus Čivilis</p>	 <p>Ernestas Sysojevas</p>	 <p>Evgeniy Burnaev</p>	 <p>Evgeniya Konovalova</p>	 <p>Gediminas Peksys</p>	 <p>Gheorghe Tecuci</p>	 <p>Herman Gref</p>	 <p>Hovhannes Avoyan</p>	 <p>Hrant Khachatryan</p>	 <p>Ilya Kirillov</p>	 <p>Jaann Tallinn</p>
 <p>Janusz Homa</p>	 <p>Jarosław Gowin</p>	 <p>Jerzy Kwieciński</p>	 <p>Karen Karapetyan</p>	 <p>Katarzyna Ludka</p>	 <p>Leonid Lozner</p>	 <p>Liviu Dragan</p>	 <p>Marten Kaevats</p>	 <p>Mateusz Morawiecki</p>	 <p>Max Lytvyn</p>	 <p>Mikhail Burtsev</p>	 <p>Pietrzak Piotr</p>
 <p>Raul Popa</p>	 <p>Renate Strazdina</p>	 <p>Roman Merkulov</p>	 <p>Sergey Nikolenko</p>	 <p>Siim Sikkut</p>	 <p>Tomas Dirvonskas</p>	 <p>Tomas Krilavičius</p>	 <p>Toomas Hendrick Ilves</p>	 <p>Vilius Šapoka</p>	 <p>Yelzhan Birtanov</p>	 <p>Yuriy Guts</p>	 <p>Yury Melnichek</p>