

PROJECT PARTNER SEARCH FORM

☒ I offer my expertise to participate as a Partner in a Horizon Europe Project

☐ I am planning to coordinate a project and I am looking for Project Partners

TOPICS OF INTEREST

- CALL: HORIZON-CL4-2024-DATA: Open Topic
- CALL: HORIZON-CL4-2024-DIGITAL-EMERGING: Open Topic

PARTNER INFORMATION

The **Grammaton One Solutions** are designed as a modular systems based on state-of-the-art digital image processing technologies. The most important technologies used in the solutions include **facial biometrics**, **object recognition** and **video analytics**.

The **Grammaton One Solutions** are primarily designed for physical security and public safety, i.e. for protection of life, health and property as well as for crime investigation.

Grammaton One defines two general product lines:

- **OVID** - Online Video IDentification and general analytics on videos from online source i.e. cameras
- **ARVID** - Archive Video IDentification and general analytics on videos stored in large archives

ARVID - Key features:

Ability to perform super-fast searches of large video archives (e.g., containing up to 100,000,000 videos) when searching for persons of interest working with a watchlist containing about 1,000,000 faces of such persons. Such a search can be performed **in less than one second**.

It is possible to search for individual persons as well as for entire groups of persons, and the search parameters can be extended to include text (providing full text search).

We are also working on extending the search parameters to general objects (book, gun, tree, chair, house, etc.) using Deep Neural Network technology.

We are looking for partners or projects that aim on bringing users unique functionality in the form of ultra-fast search for people in video recordings and other digital image processing functionalities.

Description of the Legal Entity

Limited Liability Company

Our ARVID solution was originally developed about 6 years ago for the commercial television, where it was deployed in a video archive for news purposes (super fast search of footages for news reports). The system is still functional today and we use it for demonstration of functionality, and at the same time we are continuing in development of a completely new modern system.

☒ Higher Education

☐ Research Institution

☐ Public Administration

☒ Industry /SME

☐ NGO

☒ Other: **Start-up**

Description of the (Research) Team

RNDr. Vladimír Hapák (CEO, Chief Architect)

Solution Architect, application architect, project manager, developer (CV attached).

Ing. Ján Stankovič (Project Management)

CV: <https://www.linkedin.com/in/jan-stankovic-67543a37>

Expertise of the Team Leader - Vladimír Hapák

Years of experiences from wide variety of projects - from small local ones up to huge international projects. Previous positions and activities - solution architect, application architect, project manager, people management, specification writer, project support, risk management, quality management, configuration management, programmer analyst. Applied experiences with all activities in lifecycle of small and / or huge projects.

Potential role in the project - Vladimír Hapák

☒ Research

☐ Training

☒ Dissemination

☒ Other: Scientific coordinator, sw architecture, project management, development and deployment

Already experience as a	Coordinator	<input type="checkbox"/> YES	<input type="checkbox"/> NO
	Partner	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
	Expert Evaluator	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
CONTACT DETAILS			

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