

# SpeedUP



<b>Ordering party</b>	Luxembourg Maritime Administration (CAM)
<b>Objectives of the call for solutions</b>	Implementation of a tool that allows predetermined data to be extracted from official documents, ex. VISA's, in PDF (text or images) or JPEG style without human intervention. The goal, in a first phase, is to improve the efficiency of the data entry processes for the "Seafarers" service. This involves reducing the number of data points submitted by our clients, decreasing the number of errors occurring during this step, minimizing the need for verification and correction by CAM agents, and enabling the automatic injection of data into the relevant systems.
<b>Type of solution required</b>	Development of IT solution, and an adaptable prototype. The solution should be a proof of concept (POC) which will later be adapted for a productive usage.
<b>Selection criteria</b>	See chapter 3 of the project specification file.
<b>Standards to be met</b>	The technical standards of the state infrastructure, find more details in the project specification file.
<b>IP and other details</b>	The results inherent in these specifications, algorithm, solution, results as well as the data generated are protected by the relevant intellectual property and

	copyright laws and will remain the exclusive property of the Luxembourg State ("Etat du Grand-Duché de Luxembourg") for the duration of the project and beyond.  The contracting authority grants no license or authorisation regarding the intellectual property rights, which it holds in respect of the project. The economic operator does not have, without the prior written consent of the contracting authority, the right to use the results to market them.  Find more details in the attached project specifications file.
<b>Deadlines for submission of the offer</b>	14 <sup>th</sup> of February 2025 with the possibility to ask questions until the 7 <sup>th</sup> of February 2025
<b>Schedule</b>	6-8 months from start date that is ideally in March or April
<b>Contact for questions</b>	<a href="mailto:cam@cam.etat.lu">cam@cam.etat.lu</a> with <a href="mailto:nt@digital.etat.lu">nt@digital.etat.lu</a> in CC

**Description of  
the problem /  
challenge**

The Luxembourg Maritime Administration has started a new round of modernisation and digitalisation. They are looking for an application which will extract data automatically from official documents such as passports, that their clients send in. Today, this process is fully manual. This future application should be trainable to identify the targeted texts in form of label/value pairs, in all types of documents and their variants. Ideally, it should be capable of self-training to identify label/value pairs in cases where it has already been trained to find values in multiple variations of the same type of document.

Since the program will process documents containing personal data, General Data protection regulation (GDPR) compliance must be considered.

In the first phase, two types of documents must be readable and their data extractable: VISAs (Standards of Training Certification and Watchkeeping (STCW) certificates and endorsements) and seafarer booklets (passports). A sample of the documents and the expected output is available in the annex documentation.

*For the complete description, please refer to the project specifications.*