



The first tool
to carry out
SORA online



Introduction

According to the new European regulation entered into force on January 1st 2021, all drone operators desiring to fly in the Specific category need to conduct a risk assessment, unless their operation falls within a standard scenario or a Pre-Defined Risk Assessment. SORA is the methodology developed by JARUS and recommended by EASA to conduct the risk analysis.

SAMWISE allows to conduct the risk assessment compliant with the new EU regulation. It also contributes to drone operations safety by harmonizing the risk assessment process.



SAMWISE is the first and only tool to support the development of risk analysis according to the SORA methodology directly on the web. It was developed by EuroUSC Italia in 2019 and in its first year its basic version was used for more than 900 risk analyses. Building on this success and the users' feedback, EuroUSC Italia developed SAMWISE Pro, a new version with innovative features and a higher level of automation.

More than 900 SORA risk analysis carried out using the basic version in the first year.



Why SAMWISE Pro

EASY

SAMWISE Pro provides a step-by-step guidance: you can directly obtain the final SORA report to be submitted to the competent authority, without dealing with tons of paperwork.

FAST

SAMWISE Pro is an agile guided process: you can quickly obtain a comprehensive set of documents you can directly submit to the competent authority.

COST EFFICIENT

SAMWISE Pro reduces significantly time and costs of conducting a traditional analysis: all information are available in the same place and all required documentation is produced automatically.

FLEXIBLE

SAMWISE Pro adapts to different needs in terms of storage space and number of assessments: you can choose between four subscription plans depending on your needs.

TAILORED

SAMWISE Pro assesses the specific features of your drone operation: you can upload documents to show compliance with the safety objective and download a final report with all evidences attached.

samwise in five easy steps



1

Access your
personal area on
online-sora.com

2

Enter
your drone
operation
data

3

Run the SORA
analysis and
identify applicable
requirements

★ 4 ★

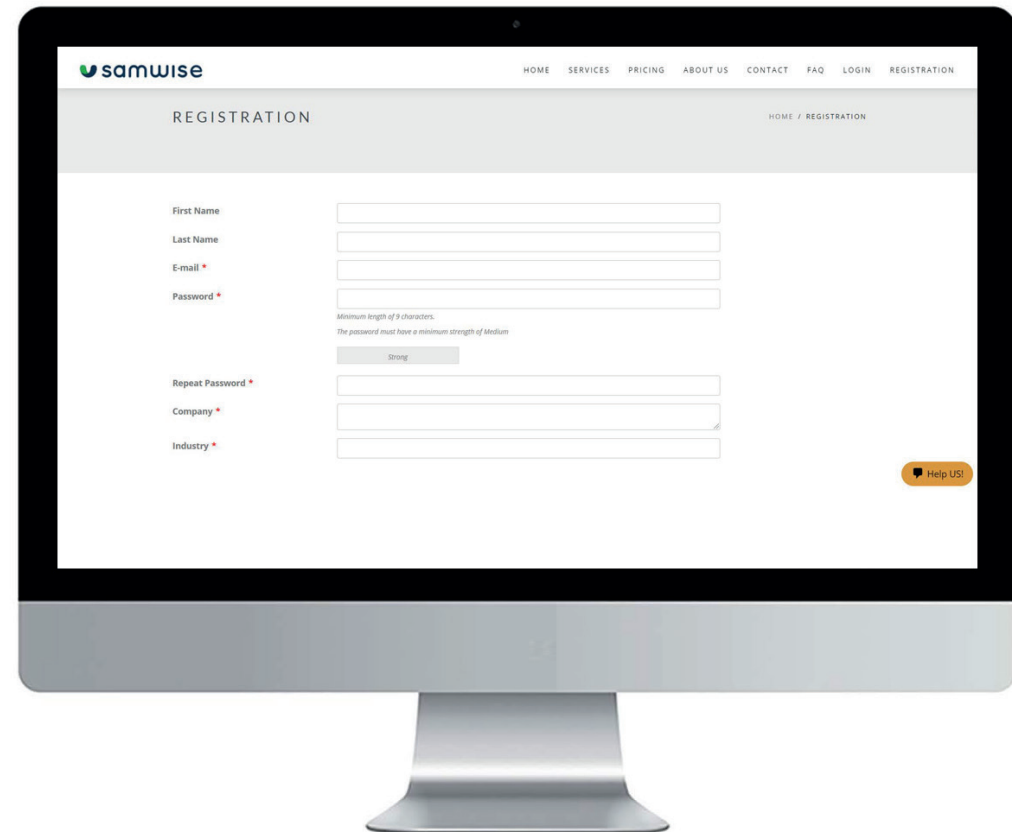
Upload your
proofs of
compliance

★ 5 ★

Download
the full SORA
report

★ Step 4 and 5 are only available by subscribing to SAMWISE Pro. Indeed, the Basic plan allows you to only conduct the risk analysis and receive the list of mitigations, whereas SAMWISE PRO adds the uploading of documents demonstrating the compliance of the operation with the requirements of the analysis and the downloading of a final document containing the complete report of the analysis performed.

samwise in five easy steps



1

**Access
your personal
area**

Register at **www.online-sora.com**

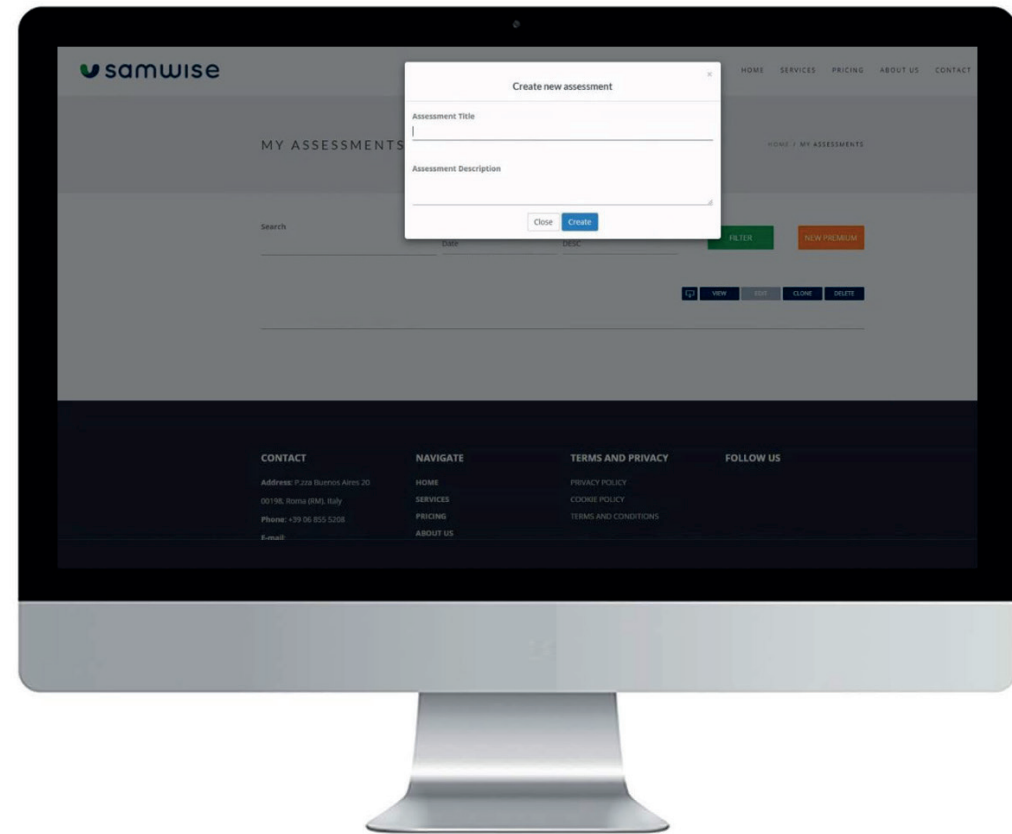
Fill in the registration form with your personal data and choose a subscription plan. After receiving the email confirmation, log in to your personal area with your password and email.

samwise

in five easy steps

2

Enter
your drone
operation
data



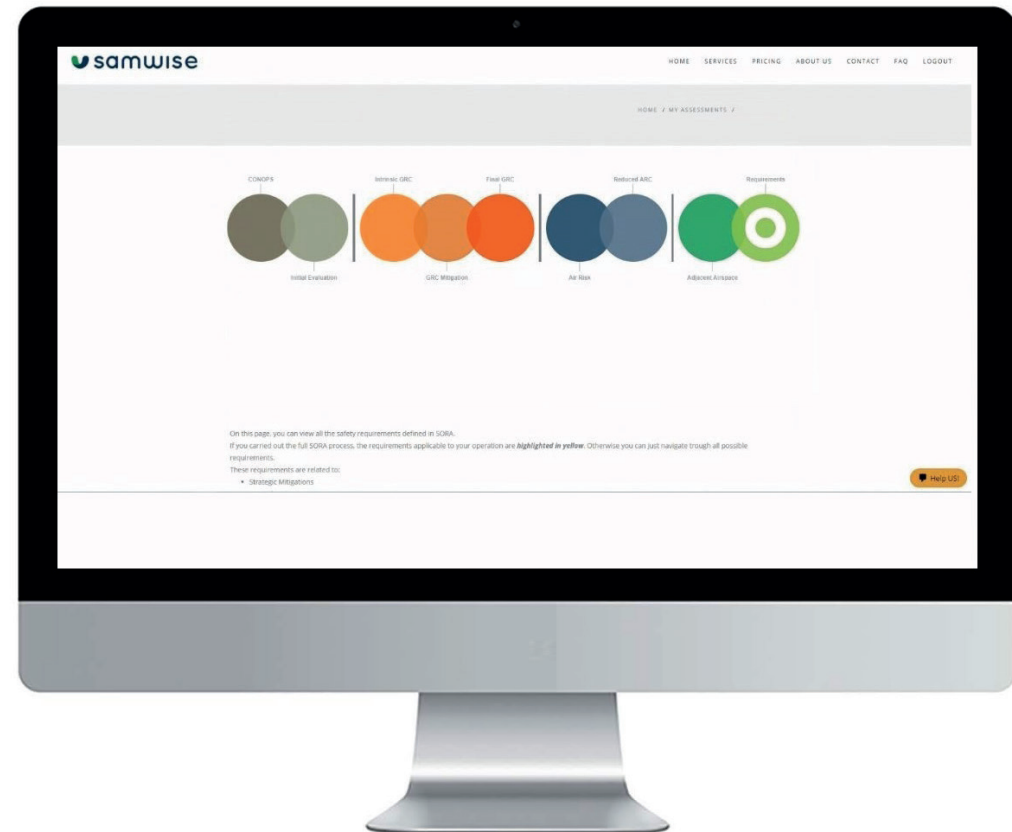
Click on **My Assessment** and enter the initial technical and operational details of your drone operation (flight conditions, max operational height, max take-off mass, max dimension, max velocity, etc..).

samwise

in five easy steps

3

Run the SORA analysis and identify applicable requirements



Start your assessment! Evaluate the initial risks for third parties on the ground and in the air, apply the safety mitigations and, after computing a “final level of risk” (SAIL), identify a set of Operational Safety Objectives to be compliant with.

samwise

in five easy steps

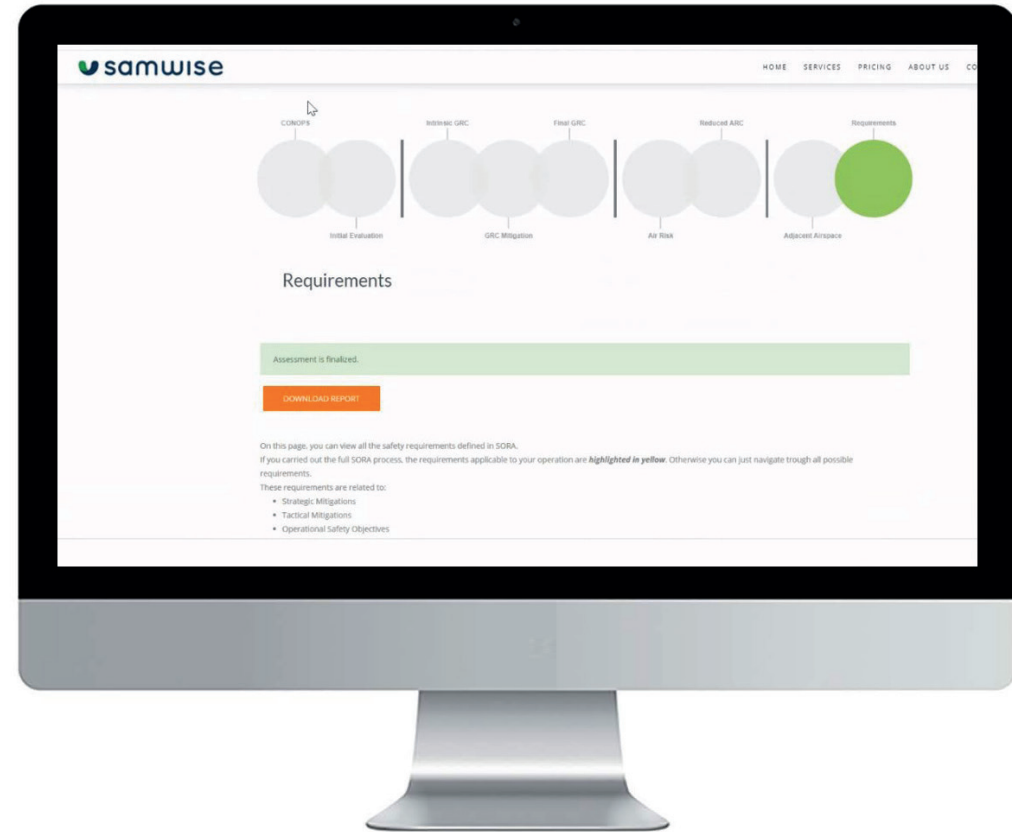
4

**Upload your
proofs of
compliance**



Upload your means of evidence with just one click to demonstrate compliance with the applicable Operational Safety Objectives and mitigations.

samwise in five easy steps



5

**Download
the full SORA
report**

Download your final report. After the necessary checks, you will be able to deliver the report to the competent Civil Aviation Authority in order to obtain the authorization to fly, as required by the new EASA Regulation.



EuroUSC Italia, after actively participating in the SORA methodology development within the JARUS WG-6, is engaged since 2015 in European research and development projects and BVLOS experimentation activities under the supervision of the Italian Civil Aviation Authority ENAC (Ente Nazionale per l'Aviazione Civile). Thanks to its know-how, EuroUSC Italia provides several training services for the drone industry, including a two-days course on SORA methodology.

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