SRIZFLY™

SRIZFLY™ flight simulator product introduction
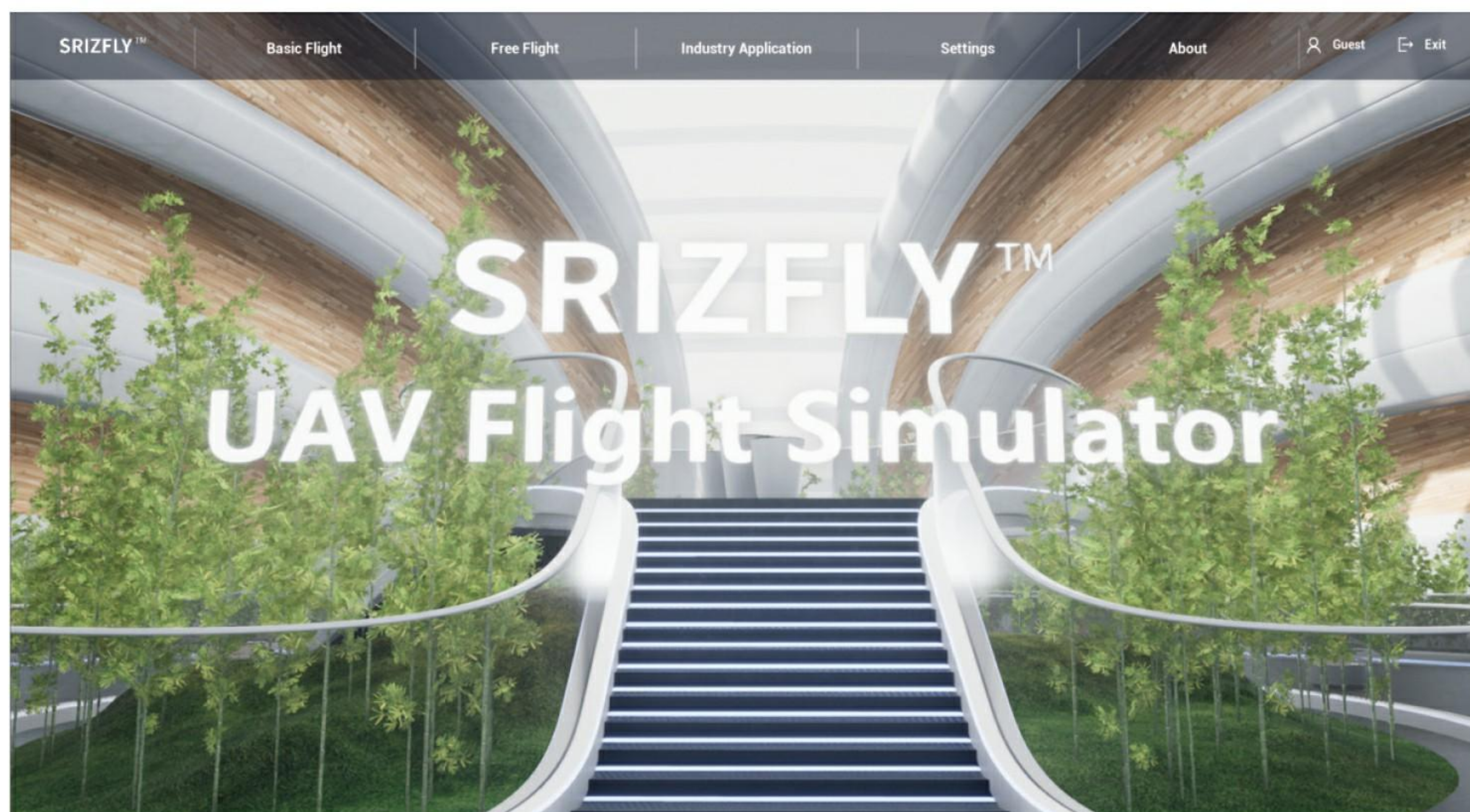
Industry Solutions

CONTENT

Disclaimer

◆ Read the disclaimer and the Privacy Policy and User Agreement in SRIZFLYTM Drone Simulator (hereinafter referred as "product") carefully before using. By using this product, you acknowledge that you have read in full, and agreed the this disclaimer. Please install and use this product in strict accordance with the User Manual.

◆ WUHAN SRIZ TECHNOLOGY CO. LTD. and its affiliated companies assume no liability for damage(s) or injuries incurred directly or indirectly from using the product improperly. If there is any inconsistency between the content and usage of the software and local laws and regulations, the local laws and regulations shell prevail.

◆ SRIZFLY™ Drone Simulator is a virtual reality software and developed to simulate operation of a drone on a computer. Its' control method is somewhat different from the real drone and can not replace the flight operation of the real drone.

≫≫ 1: Product overview

SRIZFLY SESP-U1 Drone Simulator is a universal tool for training professional drone pilots and UAS operators.

It accurately restores the natural environment and real flight experience. Provides user with a complete set of basic knowledge, entertainment and professional solutions for practice workflows of industrial drone missions. User friendly interface and splendid graphics will completely submerge you into virtual world of enterprise drones.
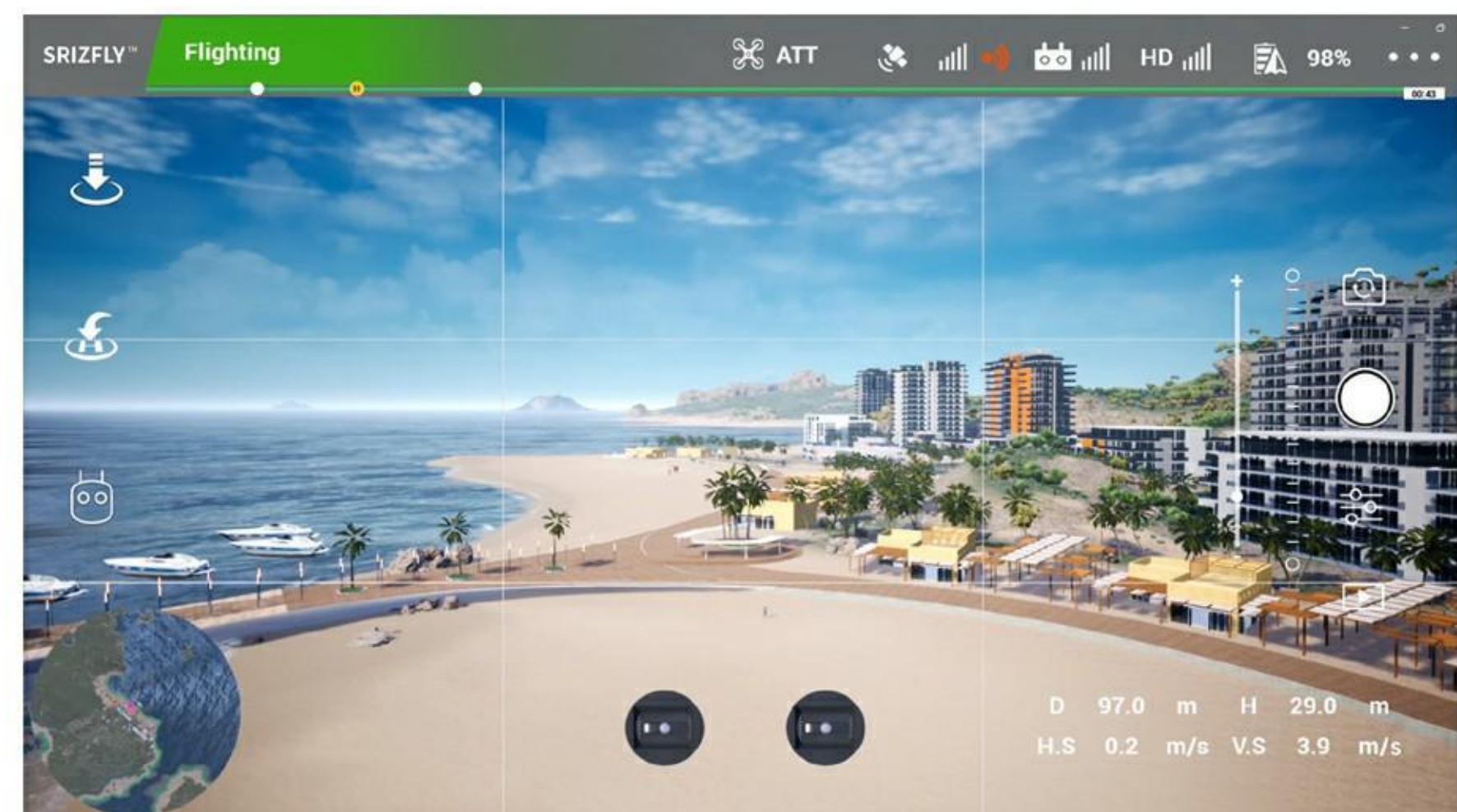

Benefits of SRIZFLY Drone Simulator

To successfully perform an enterprise drone mission, one must be familiar with the specifics and details of the workflow. And no matter how great a pilot you are, there is still a room for improvement. The experience and knowledge of a drone pilot may be the key factor restraining companies from expending drone applications. SRIZFLY Drone Simulator will help solve this problem and speed up the transition from a consumer drone pilot to a professional enterprise mission operator.

- Increase the efficiency of UAV control and improve operational confidence.

- Reduce field accidents and training difficulties, and enhance the success rate of missions.

- Fill the gap between flying drone and ability to perform an industrial mission flight.

- Reduce the cost and time spent on training new pilots.

- Satisfy various business demands through customized adaptations.

- Test yourself in workflows like inspection of power distribution line and substations, inspection of industrial sites, emergency search & rescue, agriculture, survey and mapping, police & military applications, oil pipeline monitoring, and more.
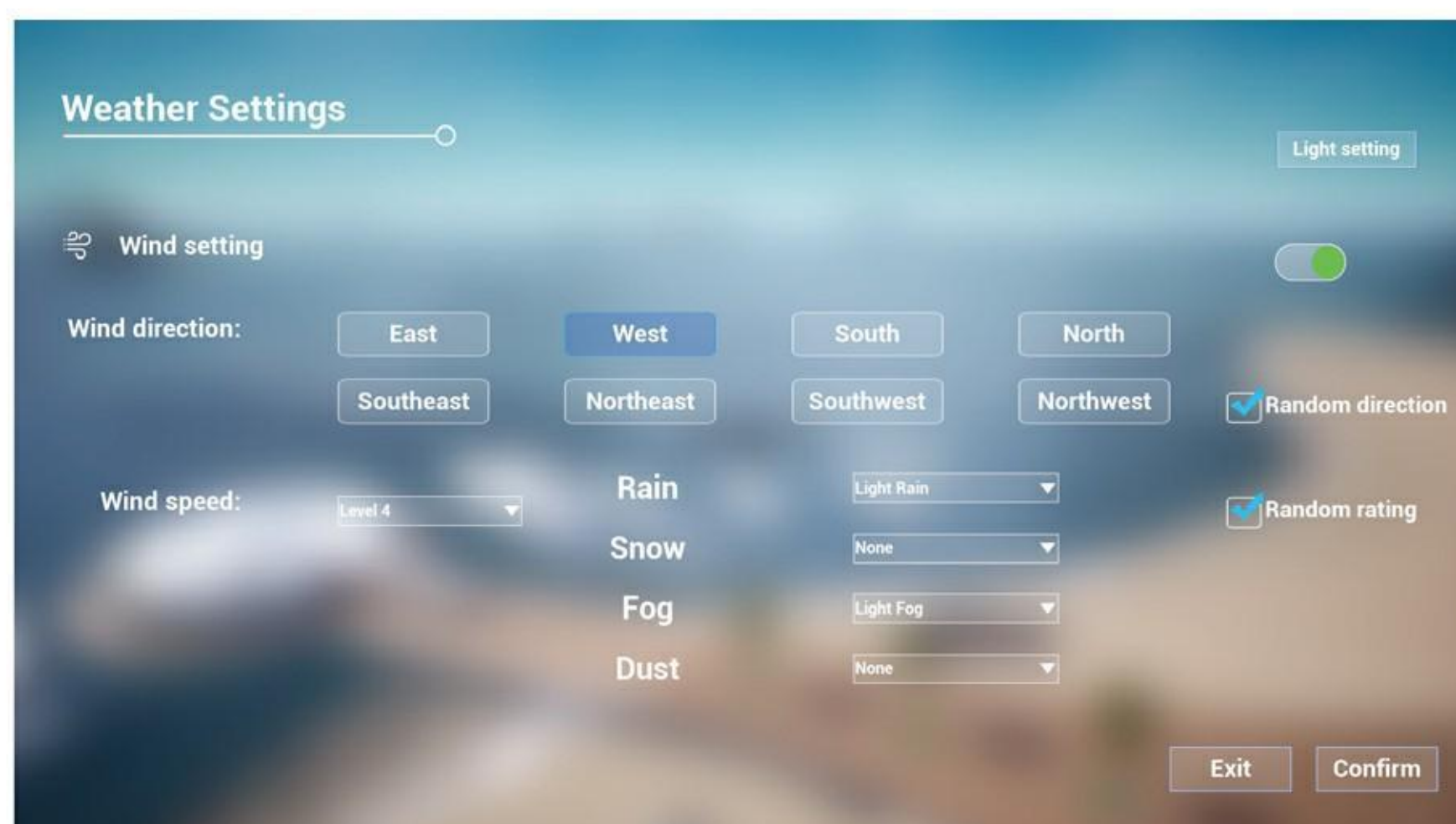
⟫⟫ 2: Features

◆ Immersive flight experience

SRIZFLY Drone Simulator provides rich sensory and cognitive experience, allowing users to truly integrate into the overall atmosphere of flight and focus on training. Simulating the various flight modes, visual perspectives and accurate physical state of aircraft in a virtual environment, it helps users improve their drone driving skills in an immersive experience.

◆ Simulation environment interaction

Stereo rendering virtually reproduces aircraft models and various scenes. Delicate and vivid details closely approximate drone training environment to the real world conditions. Rigorous modeling of parameters offers features that the unmanned aircraft would be expected to encounter in real life, such as wind and other forms of extreme weather.
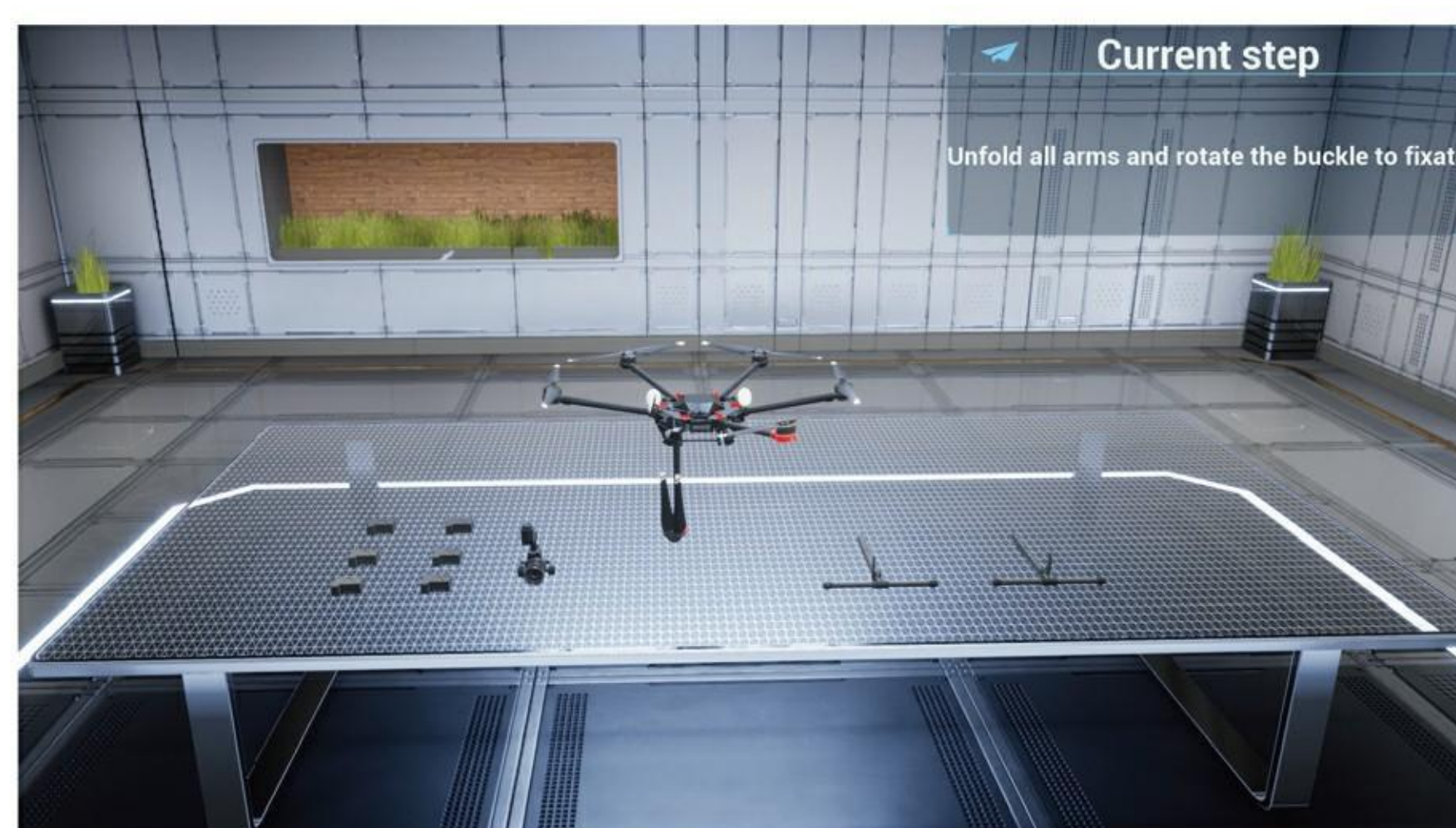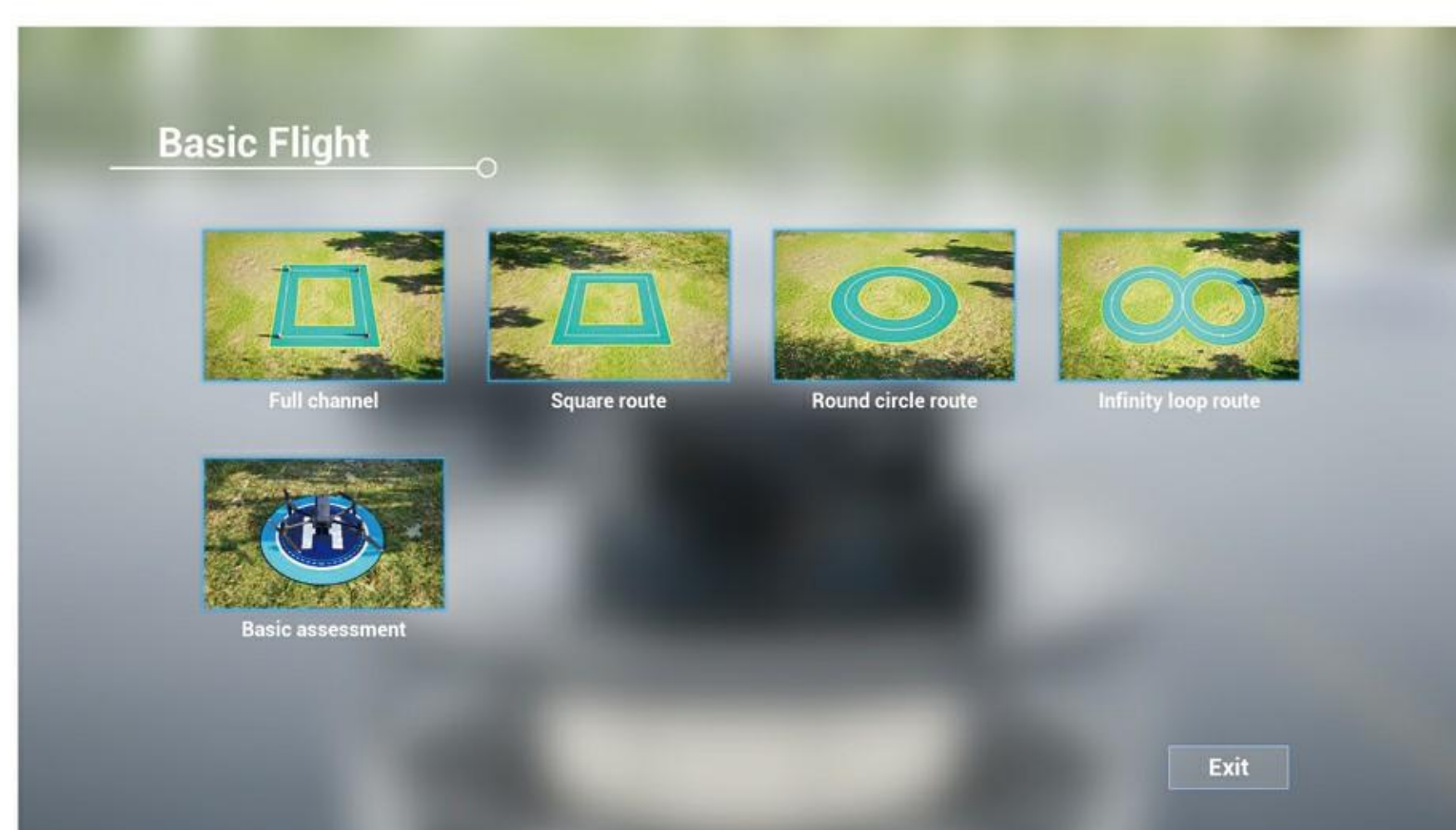
SRIZFLY™

◆ **Flexible training schedule**

　　Break through time, place, and environment constrains, and start training anytime, anywhere. Save the cost of actual training and avoid risk and consequences caused by operational errors.

Different training modules meet the training needs of different levels, and the level of pilots can be improved more efficiently.

◆ **Skill training**

　　Learn basic flight skills and try basic maneuvering such as take-off, landing, hovering, and route training. Explore components and parts of drones with Assembly and Disassembly features. Dive into unlimited possibilities of your imagination and create your own training grounds in Custom Maps section.
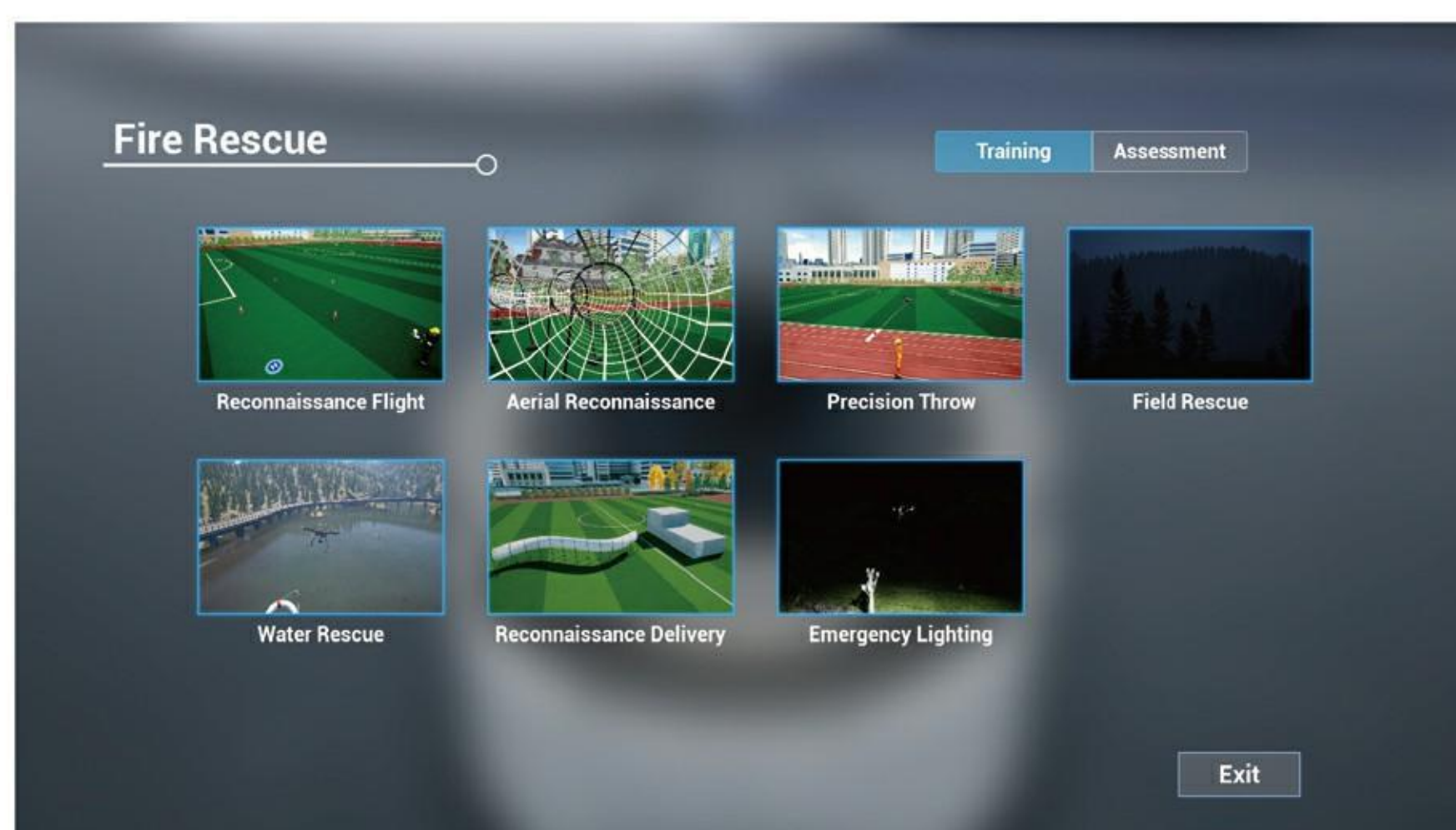

◆ **Application training**

　　Offers an extended compilation of modules with enterprise missions designed for professional drone

training. It includes mission workflow such as power inspection, fire fighting, surveying and mapping, and agricultural plant protection. In addition to the actual UTC training program, this module facilitates a complex and deep guidance into industrial drone applications.

- Offers scenarios according to the demand of specific industries
- Facilitates the training and education
- Offers various drone models and equipment
- Support custom content addition

◆ Free Flight

Beautiful locations and different drone models - a perfect way for a trainee to practice the flight controls and maneuvers, try out the available drones and equipment, experiment with settings, and try different weather parameter. Feel the excitement brought by different environments and flight methods, and accumulate vital flight experience.

◆ **Seamless connection**

The simulator supports wired and wireless connection. Link your Windows PC and remote controllers to easily install and use SRIZFLY Drone Simulator.

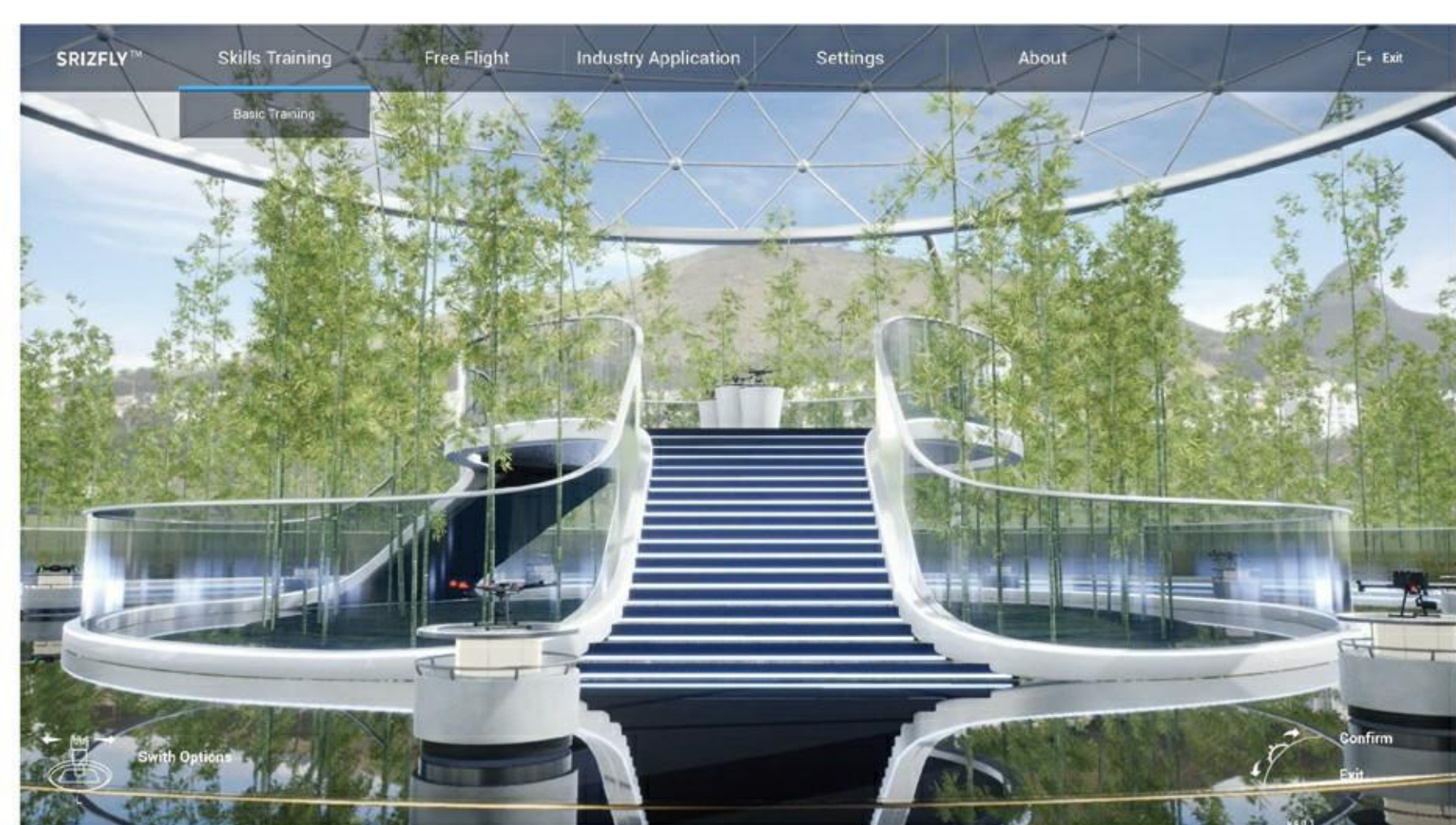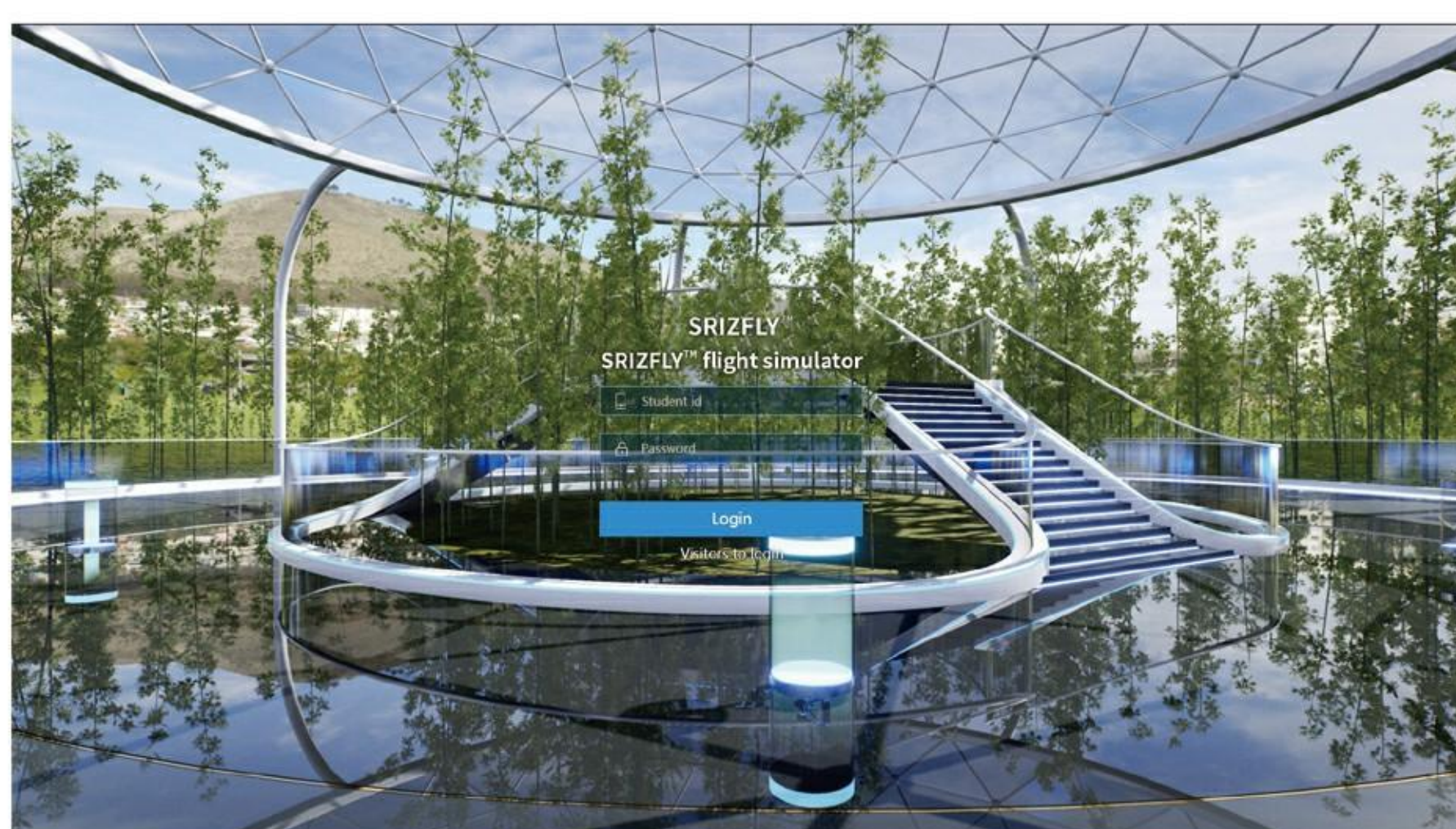## ⟫⟫ 3: Supported models and remote controllers

◆ **Supported models**

4 rotor, 6 rotor, and 8 rotor aircraft and other common multi-rotor aircraft models. The simulator also supports customization and can be extended to fixed wing, helicopters, etc.
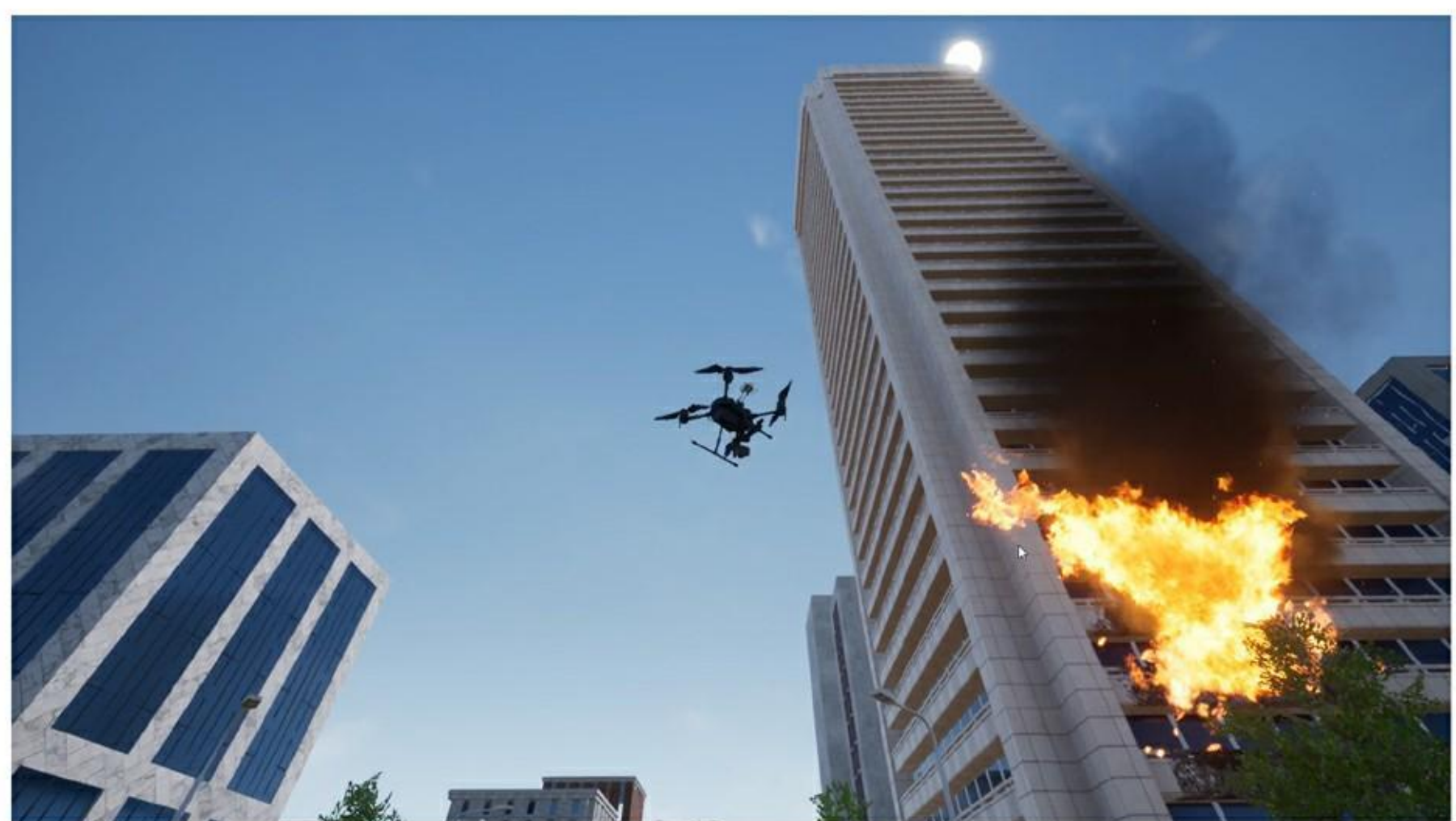
4: Software installation and activation

◆ Download and run software.

◆ Generate the machine code and send it to us.

◆ Receive and activate the license.

◆ Other methods of licensing are available upon request.

⟫⟫⟫ 5: Customization

SRIZFLY Drone Simulator supports customization and editions according to the demand and requirements of specific industries. Training scenarios and workflows, drone models, environments and meteorological conditions, equipment that is intended to be used, all can be added and edited according to the demand of the specific industry;

◆ Support development to meet business needs.

◆ Support customization of workflow scenarios.

◆ Support customization of drone models.

◆ Support addition of custom content.

⟫⟫⟫ 6: FAQ

◆ Supported UAV types?

Support the operation training of 4-, 6-, 8- rotor UAVs, and support the customized development of 4-rotor, 6-rotor, and 8-rotor UAVs.

◆ What remote controller can use with the simulator?

SRIZFLY Drone Simulator is compatible with DJI Phantom 4 RTK (without mounted screen), FlySky FS-I6S, FlySky FS-ST8, Fatuba 14SG, and Spektrum Interlink remote controllers.

◆ What are the requirements for operating the remote control? Does it support wireless connection?

When purchasing the SRIZFLY Drone Simulator, a 10 channel remote controller is provided. By default, a wired remote controller is provided, and a wireless remote controller is optional.

◆ How can i download the simulator?

We constantly keep the latest version of the the simulator available for download. You can visit our website https://www.srizfly.net or contact us directly and we will provide you the latest link.
Also, you can follow our social media posts, where we hare our news and information.

SRIZFLY™

Contact us