



# TrueEarth

## Southern California

USER GUIDE SEPTEMBER 2020



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# Thank you!

Orbx would like to thank you for purchasing **Orbx TrueEarth Southern California**.

Combining thousands of hours of development over the course of the TrueEarth Series, we reach our destination of Southern California and therefore completing the west coast USA. Our TrueEarth series represents innovative technology combined with relentless hard work to provide a truly realistic representation of the area. Combining satellite imagery, hand-crafted modelling and extensive research, TrueEarth Southern California gives you a unique experience from the comfort of your home.

Orbx TrueEarth Southern California is the perfect place to start if you're looking to fly online in a VFR environment to educate or to socialise. With unparalleled detail thanks to millions of accurately placed buildings, trees, bridges and more, you can follow instructions and charts perfectly. For those looking to jump between Los Angeles and San Diego, or any of the other cities in the region, pilots will love the stunning terrain below them and those mesmerizing final moments on approach to any number of airports in Southern California.

Some highlights to check out in the inland areas of Southern California are Death Valley, the massive Edwards AFB and Palm Springs or if you prefer ocean breezes, explore places like Santa Barbara or Santa Catalina Island.

Pilots of all types love flying in the area thanks to the stunning landscapes, incredible waterfronts and the numerous harbours, beaches and docks that make up the coast of Southern California and the many urban environments. You won't find a more comprehensive Californian flying experience anywhere!

## Product Features

- Over 79,000 square miles (205,529 km<sup>2</sup>) of crisp aerial imagery
- 767 custom-modeled 3D POIs!
- Over 65 million accurately placed trees
- More than 11 million buildings
- VFR landmarks such as masts, wind farms, power-lines, and lighthouses are all accurately placed
- Includes 10-meter mesh
- Watermasking along the entire coastline and most rivers and lakes
- Beautiful summer imagery with exquisite night-lighting



# Product requirements

This scenery addon is designed to work in the following simulators: **Lockheed Martin Prepar3D v4.5 and v5.**

*Orbxlibs and the TrueEarth US Libraries are also required to use Orbx TrueEarth Southern California.*

## Quick Installation Guide

Installing Orbx TrueEarth Southern California is all managed by our Orbx Central application. This app is responsible for many aspects in maintaining your Orbx installation. Please visit the support forums to learn more.

Once you have purchased TrueEarth Southern California it will be added to your account and you can have Orbx Central download and install it for you. The appropriate scenery library entries will also be managed by Orbx Central.

**An internet connection is required for Orbx Central to validate your license.**





# Airports in Southern California

We have included airports from our NA landclass regions into the TrueEarth regions. This adds a large number of additional airports as well as additional 3D content to most previously existing default airports and should be considered a free bonus that comes with this scenery.

Even though we have taken care to ensure that these airports fit within the photoreal imagery, there may be instances where an airport may be slightly offset to the underlying imagery.

We have corrected the most frequented destinations for the release version of Southern California. Our payware airports have also been updated and will be made available at release time to ensure that the airport product and Southern California work together.



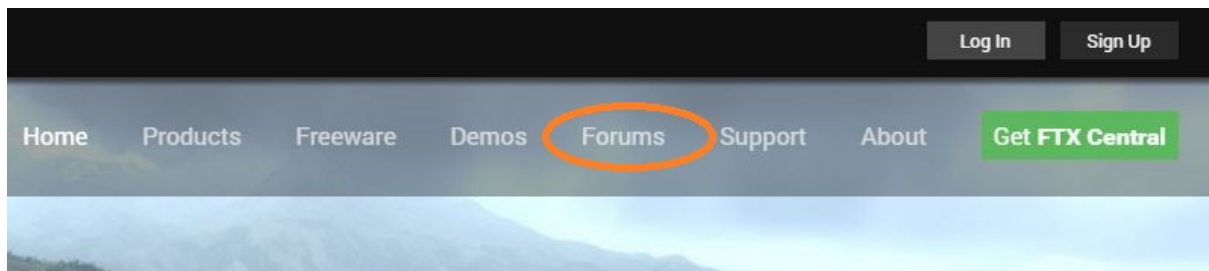
# Scenery Coverage Area

The coverage area does not match the actual size of Southern California state due to the different grid systems used by P3D & X-Plane.



# Product Technical Support

Orbx has a very simple support policy: no question unanswered. That means, should you have any questions about TrueEarth Southern California or its use, please feel free to register on the forums at [orbxdirect.com](http://orbxdirect.com) and then log a support question in the Payware Support Forum section. Orbx experts will be available to review your support questions and you will usually get a reply on the forums within 12 hours, often much sooner than that.



To visit our support forums, click on the “Forums” button shown on the homepage of [orbxdirect.com](http://orbxdirect.com).

## Please do NOT email support requests

Orbx provides world-class support on our forums, and it’s the only way in which you can receive support for TrueEarth Southern California. Provided you adhere to the forum terms of use and have a legitimate copy of TrueEarth Southern California, you will always be offered our support at no cost as we work toward a resolution to your problem each time.

## Use the forum search function

Before you post a question, please try searching for the answer first, using the forum’s built in search function located on the forum menu bar.

## What to include in your support requests

If at all possible, this is what we’d like to see provided for each request you log:

- A separate post on the support forums for each issue (don’t tag new issue reports onto existing threads).
- Include your TRANSACTION ID from your TrueEarth Southern California purchase in your post or forum signature section.
- A screenshot to highlight what you are talking about.
- A descriptive post title which clearly states what the issue is.
- Detailed comments in your post about what you are reporting on.

The Orbx support team is always on standby to assist you with any problems you may have, or will comment on your issue reports. Please remember, our priority is fixing any urgent issues first, and addressing bug reports second. Clearly though, any “show stopper” bugs will be given top priority though.



# Orbx Community Forums

Orbx already has quite a thriving and active user community on the forums, with over 95,000 members as of September 2020. To visit the forums, just point your web browser to [orbxdirect.com](http://orbxdirect.com) and from the front page click the “Forums” menu item.

You don’t need a user account to view other people’s posts and information posted by Orbx staff, but if you’d like to join in on the discussion there, simply create an account. It’s instant and no validation email is required. We like to keep things simple😊.

We hope to see you there soon!

## Thanks for reading!

You’ve stuck with us through all these pages of information, and we appreciate you taking the time to read the user guide. We hope it gave you some tips and insights. See you on the forums!



# The Orbx TrueEarth Southern California Team

## Lead Developer

- **Sascha Normann:** Project lead

## Additional Developers

- **X-Plane version:** Tony Wroblewski (Project lead), Byron Farrow (POIs), Mark Halliwell (Data cleansing) & Holger Sandmann (Data acquisition)
- **Gaya Simulations:** 3D modelling
- **Neil Hill, Chris Clack, Larry Isenor & John Barner:** Airport enhancements

## Specialist Roles

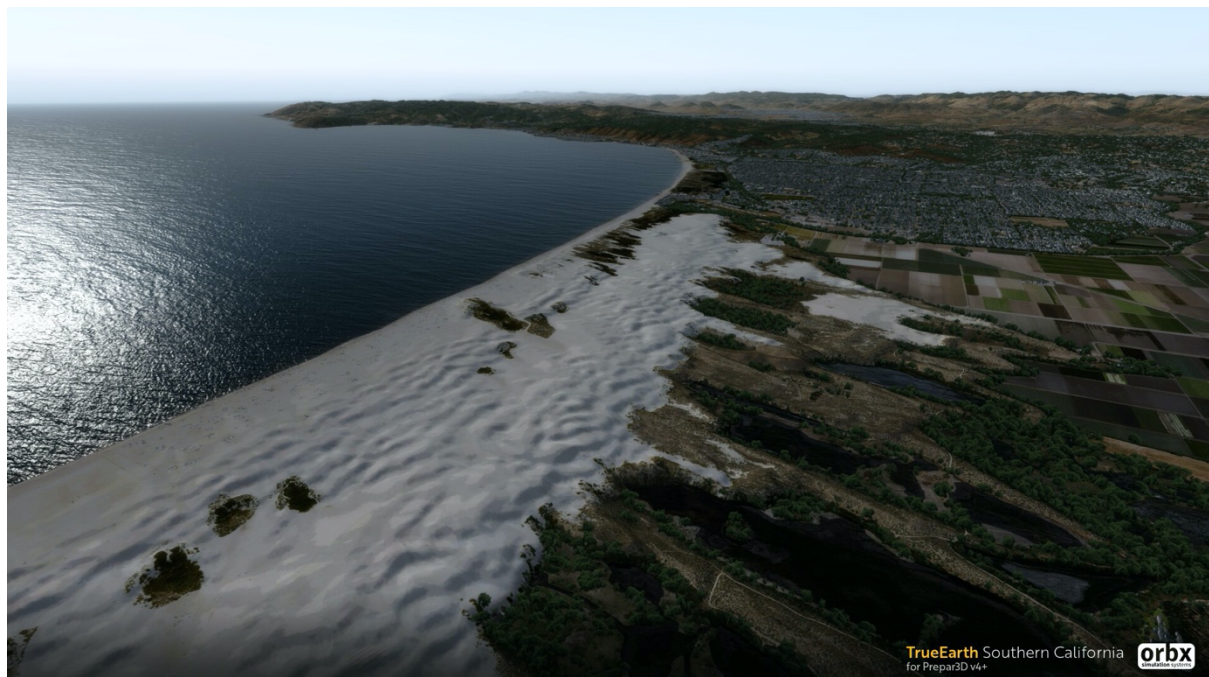
<https://orbx.group/team/>

## Beta Testing Team

John Burgess, Matt McGee, Rob Abernathy, Steve Colbert, Darryl Wightman, Mark Halliwell & John Dow

## Further Acknowledgements

- RGB Aerial Photography – United States Department of Agriculture and USGS
- NIR Aerial Photography - United States Department of Agriculture
- Digital Terrain Models and Digital Surface Models – USGS
- LiDAR elevation data – Various under open license
- The Federal Aviation Authority (FAA) – Various data and information



# End User License Agreement (EULA)

For the most recent version of the EULA, see [orbxdirect.com/eula](http://orbxdirect.com/eula).

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- Orbx Scenery Addon for Microsoft Flight Simulator X, Lockheed Martin Prepar3D, Laminar Research X-Plane and IPACS Aerofly (**Software**);
- the Orbx libraries associated with the Software (**Orbxlibs**); and
- associated printed materials, media and online or electronic documentation (**Documentation**),

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  - b) the Documentation correctly describes the operation of the Software in all material respects.
- 4.2. The warranty in 4.1 does not apply if:
  - a) the defect or fault in the Software results from you having altered or modified a Software Product; or
  - b) if the defect or fault in the Software results from you having used a Software Product in breach of the terms of this EULA.



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- b) you must cease all activities authorised by this EULA; and
- c) you must immediately delete or remove the Software Product from all computer equipment in your possession and immediately destroy or return to us (at our option) all copies of the Software Product then in your possession, custody or control and, in the case of destruction, certify to us that you have done so.

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- 6.7. You acknowledge that the Software Product has not been developed to meet your individual requirements, and that it is therefore your responsibility to ensure that the facilities and functions of the Software as described in the Documentation meet your requirements.

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You agree to defend, indemnify, and hold us, our members, managers, officers, employees and agents harmless from and against any claims, actions or demands, including, without limitation, reasonable legal and accounting fees, arising or resulting from your breach of this EULA or your uploading of, access to, or use or misuse of the Software Product.

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- 8.2. If we have to contact you or give you notice in writing, we will do so by email or by pre-paid post to the address you provide or confirm to us.

## 9. HOW WE MAY USE YOUR PERSONAL INFORMATION

We will only use your personal information as set out in our privacy policy, a copy of which is contained on our website.

## 10. OTHER IMPORTANT TERMS

- 10.1. We may transfer our rights and obligations under these terms to another organisation. We will always tell you in writing if this happens and we will ensure that the transfer will not affect your rights under this EULA.
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- 10.5. This EULA constitutes the entire statement of the agreement between you and us on the subject matter, and merges and supersedes all other or prior understandings, purchase orders, agreements and arrangements. This EULA shall be governed by the laws of Victoria, Australia.