



# HERE iOS SDK

## Release Notes

Starter Edition Version 3.11

# Important Information

## Notices

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**Topics:**

This section contains document notices.

- [Legal Notices](#)
- [Document Information](#)

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# Contents

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<b>Chapter 1: Overview</b> .....	<b>6</b>
Highlights.....	7
<b>Chapter 2: Changes</b> .....	<b>8</b>
New Features.....	9
Functional and Behavioral Changes.....	9
Resolved Issues.....	9
API Changes.....	9
<b>Chapter 3: Package Information</b> .....	<b>10</b>
Release Content.....	11
Package Description.....	11
Getting Started.....	11
<b>Appendix : Other Information</b> .....	<b>12</b>
System Requirements.....	13
Copyright Information.....	13

# Chapter 1

## Overview

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### Topics:

- [Highlights](#)

This document provides a summary of important changes for this version. Apart from newly resolved issues and added or improved functionality, this document also includes information about known issues remaining in this release as well as any existing limitations and workarounds.

## Highlights

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The following highlights give a short summary of the most important changes, added functionality, and improvements:

- For a list of all new features in this release, see [New Features](#) on page 9

## Chapter 2

# Changes

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### Topics:

- [New Features](#)
- [Functional and Behavioral ...](#)
- [Resolved Issues](#)
- [API Changes](#)

This section documents major changes to the release that may require the updating of affected applications and/or associated map data.

For product changes in previous releases, see the relevant chapters in these documents: [HERE iOS SDK - Starter Edition Release Notes](#)



## New Features

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The following list contains new features in the current release of HERE iOS SDK:

### HERE SDK 3.11

- Added possibility to specify padding around the edges of the map. The map will continue to fill the entire container but object positioning, map transformation, and camera movements will behave as if it has been placed in a smaller space.

## Functional and Behavioral Changes

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There are no functional or behavioral changes in this release.

For added and improved functionality in previous releases, see the relevant chapters in these documents: <http://developer.here.com/documentation/versions#ios>

## Resolved Issues

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The following table summarizes major issues resolved in HERE iOS SDK.

**Table 1: Resolved Issues**

#	Description
1	Fixed rendering issue when map is slowly zoomed out.

## API Changes

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### Added

- NMAMapView padding

For API changes in previous releases, see the relevant chapters in this document: [HERE iOS SDK - Starter Edition Release Notes](#)

# Chapter 3

## Package Information

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**Topics:**

- [Release Content](#)
- [Package Description](#)
- [Getting Started](#)

This chapter contains information on the package delivery, the package contents, the dependencies and installation guide.

## Release Content

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<b>Native APIs</b>	Enabling native applications to leverage HERE functionality
<b>Documentation</b>	API Reference Documentation and Developer Guide
<b>Sample Applications</b>	Sample applications in Objective-C and Swift

## Package Description

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<code>/sample-apps</code>	Sample applications to be used with the Quick Start section in the Developer's Guide
<code>/user-guide/HERE iOS SDK Starter Edition v3.11 Developer's Guide.pdf</code>	HERE iOS SDK Developer's Guide
<code>HERE iOS SDK Starter Edition v3.11 Release Notes.pdf</code>	This document
<code>README.md</code>	Instructions for using HERE SDK through CocoaPods.
<code>HERE-SDK-Notices.txt</code>	Copyright and licensing text for the HERE iOS SDK. A copy of this text is also available in the Release Notes.
<code>version.txt</code>	Version information about the HERE iOS SDK.
<code>framework/NMAKit.framework</code>	HERE iOS SDK
<code>framework/strip_sim.sh</code>	Script for removing simulator architectures from the NMAKit library.
<code>api_reference_jazzy_html_bundle_3.11.zip</code>	HERE iOS SDK API reference

## Getting Started

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Refer to the documentation under the `/user-guide` folder for details on how to quickly start evaluating the HERE iOS SDK.

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# Appendix

## Other Information

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**Topics:**

- [System Requirements](#)
- [Copyright Information](#)

This appendix contains other information about the release such as release overview, technical specifications, dependencies, 3rd party copyright notices, release quality, and related documents.

## System Requirements

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- HERE SDK supports iOS 11 or above. iOS 12 is recommended for optimal operation.
- HERE iOS SDK is designed and tested for use with iOS phones and tablets. Supported devices are:
  - iPhone 5 or newer
  - iPad 3 or newer
  - iPad Mini 2 or newer
- 📄 **Note:** While the HERE iOS SDK supports both 32-bit and 64-bit devices, iOS 11 or newer is 64-bit only, and only these devices are supported:
  - iPhone 5s or newer
  - iPad Air or newer, including iPad (2017) and iPad Pro
  - iPad Mini 2 or newer
- Apps should be developed using XCode 10 or above, running on macOS 10.13.6 or above.
- For the storage of application binaries, an additional 3.5MB for the HERE SDK libraries if bundled with the application should be taken into account.
- For the storage of map data, a minimum of ~32MB should be made available.
- Data connectivity (WiFi or Cellular) is required to download map data.

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```
*
* Written by: Stephen N Henson (1999-2008), Nils Larsch (1998-2010),
* Richard Levitte (2000,2001,2004), Peter Sylvester (2004), Nagendra Modadugu (2005),
* Zoltan Glozik (2002- 2004), Andy Polyakov, Lenka Fibikova (1998-2000),
* Bodo Moeller (1998-2010), Ben Laurie (1999,2001), Geoff Thorpe (2000,2001)
* Vern Saats (2000), Tim Titchener (1998-2000), Ulf Moeller and Lutz
* Jaenicke (1998-2000), Jan Tschirschwitz (2000), Maurice Gittens (1999)
* Christophe Renou (2004), Author: Mike Bland (mbland@acm.org)
*
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* =====

* Utilities for constant-time cryptography.
*
* Author: Emilia Kasper (emilia@openssl.org)
* Based on previous work by Bodo Moeller, Emilia Kasper, Adam Langley
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*
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*
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