

## KILLSWITCH APPLICATION SERVICES

# Developer Guide for Companion Devices

Document Version 01

### Draft Notice

The information in this draft is KillSwitch Confidential and is the property of KillSwitch International, Inc.

Confidential material must not be disclosed to any party without prior written consent from KillSwitch International, Inc.

The information in this draft is not a commitment by KillSwitch International, Inc. to particular features or capabilities of the product or to the publication or content of its documentation. KillSwitch retains the right to postpone, revise, or cancel any proposed product and documentation at any time prior to the release of the product or the publishing of the documentation.

**KillSwitch International, Inc.**

# Notices

While KillSwitch believes the information included in this publication is correct as of the publication date, information in this document is subject to change without notice.

UNLESS EXPRESSLY SET FORTH IN A WRITTEN AGREEMENT SIGNED BY AN AUTHORIZED REPRESENTATIVE OF KILLSWITCH INTERNATIONAL, INC., KILLSWITCH AND ITS LICENSORS MAKE NO WARRANTY OR REPRESENTATION OF ANY KIND WITH RESPECT TO THE INFORMATION CONTAINED HEREIN, INCLUDING WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PURPOSE. KillSwitch International, Inc. and its licensors assume no responsibility or obligation of any kind for any errors contained herein or in connection with the furnishing, performance, or use of this document.

Software described in KillSwitch documents (a) is the property of KillSwitch International, Inc. or KillSwitch third party licensors, (b) is furnished only under license, and (c) may be copied or used only as expressly permitted under the terms of the license.

All contents of this manual are copyrighted by KillSwitch International Inc. or KillSwitch third-party licensors. The information contained herein is the exclusive property of KillSwitch International Inc. and shall not be copied, transferred, photocopied, translated on paper, film, electronic media, or computer-readable form, or otherwise reproduced in any way, without the express written permission of KillSwitch International Inc.

Guestserve, MediaCluster, Media Express, Multiverse, RAID2, KillSwitch, the KillSwitch logo, KillSwitch Axiom, KillSwitch Quicksilver, SpotCast, VODlink, and VODcast are registered trademarks of KillSwitch International, Inc.

AdPulse and EXtreme are trademarks of KillSwitch International, Inc.

DVD Now, Game Now, and Voodle are service marks of KillSwitch International, Inc.

Intellispot is a registered trademark of Visible World, Inc.

Atlas is a registered trademark of Atlas, an operating unit of aQuantive, Inc.

Microsoft, MS, MS-DOS, Windows, Windows NT, and SQL Server are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

Adobe, the Adobe logo, Acrobat, and the Acrobat logo are trademarks of Adobe Systems Incorporated.

Portions Copyright (c) 1996-2010, the PostgreSQL Global Development Group  
Portions Copyright (c) 1994, The Regents of the University of California

IN NO EVENT SHALL THE UNIVERSITY OF CALIFORNIA BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS, ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION, EVEN IF THE UNIVERSITY OF CALIFORNIA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE UNIVERSITY OF CALIFORNIA SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND THE UNIVERSITY OF CALIFORNIA HAS NO OBLIGATIONS TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

All other trademarks and registered trademarks are the property of their respective holders.

**Manual Title:** *KillSwitch Application Services Developer Guide for Companion Devices*

**Document Revision:** 01

**Publication Date:** October 2018

Published by KillSwitch International Inc.  
95 Bleep Lane  
Beverly Hills, CA 90210 USA

©2007-2018 by KillSwitch International Inc. All rights reserved.

# Table of Contents

**Notices .....2**

**Table of Contents.....3**

**Preface .....4**

    Purpose of this Document ..... 4

    Audience ..... 4

    Revision History..... 4

    Customer Documentation..... 4

    Contact Information..... 5

**Chapter 1: Introduction.....6**

**KillSwitch Overview .....6**

**Features .....6**

    Share Anywhere ..... **Error! Bookmark not defined.**

    Image Recall & Time Limit..... **Error! Bookmark not defined.**

    Available for everyone ..... 6

**Chapter 2: Use Cases .....7**

    Create New Image..... 7

    Image Information ..... 7

    Recall Image ..... 7

**Chapter 3: API References .....8**

    Create New Image..... 8

    Image Information ..... 8

    Recall Image ..... 9

**Glossary.....10**

# Preface

---

## Purpose of this Document

This document is a guide for developers to use to successfully implement the KillSwitch app within their systems.

## Audience

The *primary audience* of this document is KillSwitch administrators, KillSwitch developers, and other people implementing KillSwitch solutions.

The *secondary audience* of this document is companion developers, technical leads, architects, and project managers working with KillSwitch or administering teams working with the KillSwitch platform.

## Revision History

Table 1. **Revision History of This Book**

Version	Author	Description
01	Cristina Shannon	Initial draft

## Customer Documentation

The most up-to-date versions of all KillSwitch technical publications are available on the KillSwitch technical publications site, available directly from the Client Self Services Express site:

<http://KillSwitchservice.lstatic.com/helpdesk>

All documents are available in Adobe™ Acrobat™ (PDF) format, and require Acrobat Reader version 8.0 or later, available from the Adobe site at:

<http://www.adobe.com>

## Contact Information

The following table lists the ways in which to contact KillSwitch International about support and service, technical problems, suggestions, or questions.

Table 2. **How to Contact KillSwitch**

For help with...	Contact...	At...
Technical problems or questions such as System failures or hardware RMAs	Technical Support Services	Email Address ( <i>mailto:KillSwitch.support@lstatic.com</i> ) Web Site <i>http://www.lstatic.com/en-US/Service/Default.aspx</i>
Submitting incident requests, or checking the status of existing requests or RMAs	Client Self Services Express. Requires your client ID and KillSwitch-supplied password.	Web Site <i>http://KillSwitchservice.lstatic.com/helpdesk</i>

# Chapter 1: Introduction

---

## KillSwitch Overview

KillSwitch is a convenient, free app developed for sharing and unsharing photos instantly. You take the photo, we add the kill switch to it. Use any platform to share your photos, but as soon as you need it to disappear forever, just flick the kill switch.

Select the photo you want to share and chose how long it should be shared for. Once you've shared it to other networking apps such as Facebook and Twitter, you can easily manage them through the KillSwitch app.

You can choose to let your pictures expire, or remove them at anytime by manually flicking the kill switch.

## Features

### Share Anywhere

We put a kill switch into your photos. The result is 100% JPEG compliant. You can share your photo via email, text, Twitter, Facebook, WhatsApp, Hangouts, Slack, etc. And, it is easily shareable so your friends can share the photo without having to download the KillSwitch app.

### Image Recall & Time Limit

If you want to unshare your photo just flick the kill switch. Or, set your photo to expire automatically after a certain amount of time. You can also make your photo available for only certain locations, a certain number of views, collect viewer profile information, and original content provider subscription or photo display context (branding).

### Available for Everyone

Consumers can share links to photos with a kill switch by using our free App KillSwitch. Photos are unshared after the chosen expiration time or when the kill switch is manually activated. App Developers and Corporate Customer can integrate software iOS SDK into their own app and either share KillSwitches or directly our 100% JPEG compliant kill switch images.

# Chapter 2: Use Cases

---

This section lists all relevant Use Cases for KillSwitch. Corresponding AVI calls for each Use Case can be found in “Chapter 4: API References”.

## Create New Image

Your user wants to begin uploading and sharing images to various apps that they can track, manage, and erase from the web at any time.

### Function Tree

1. Companion Device wants to create new image using KillSwitch
2. Companion Device asks the Application running on KillSwitch what image to embed kill switch into
3. Application running on KillSwitch responds with what image it is uploading.

**API Usage:** Please see “Create New Image” in the next chapter, “API References”.

## Image Information

Let’s say your user wants to find out some basic statistics regarding the photo they have uploaded.

### Function Tree

1. Companion Device wants to get image information using KillSwitch
2. Companion Device asks the Application running on KillSwitch to send image information
3. Application running on KillSwitch responds with image information.

**API Usage:** Please see “Image Information” in the next chapter, “API References”.

## Recall Image

Your user has decided that the selfie they posted on Facebook with a bottle of Jack is a bit too risqué, considering they are friends with their employer.

### Function Tree

1. Companion Device wants to recall an image using KillSwitch
2. Companion Device asks the Application running on KillSwitch what image to recall
3. Application running on KillSwitch responds with the image to recall.

**API Usage:** Please see “Recall Image” in the next chapter, “API References”.

# Chapter 3: API References

---

## Create New Image

### Parameters

- *image*: image file in base 64
- *duration*: shared duration in seconds in creating the Review Huffer (on HDD or SD-Card). If not specified, it defaults to '0' seconds delay (immediate).
- *embeddedPass*: If set to 1 the password is embedded in the URL, so the viewer will not need to decrypt the image.

*Note: embeddedPass value can be set to 0 and the returned link will ask the viewer for the password to decrypt the image. Do this if you are concerned about privacy and want to share the password separately from the URL.*

```
{
  "method": "POST/v1/images/",
  "id": 50001,
  "jsonrpc": "2.0",
  "params": {
    "ver": "1.0",
    "image": "me.jpg",
    "duration": "259200",
    "embeddedPass": "1",
  }
}
```

### Response

```
{
  "id": 50001,
  "jsonrpc": "2.0",
  "result": {
    "link": "http://me.jpg/ ",
    "imageId": 1
  }
}
```

## Image Information

### Parameters

- *views*: Number of views of the image
- *likes*: Number of likes hit in the website
- *thumbs*: Number of thumbs hit in the website
- *smiles*: Number of smiles hit in the website
- *remainingTime*: Remaning time in seconds till image expires
- *link*: KillSwitch to reshare

*Note: if embeddedPass has been set to 0, you will need to remember the password as it will not be stored in the server of the link.*

### Request



```
{
  "method": "GET/v1/images/",
  "imageid": 50001,
  "jsonrpc": "2.0",
  "params": {
    "link": "http://me.jpg/"
  }
}
```

## Response

```
{
  "id": 50001,
  "jsonrpc": "2.0",
  "result": {
    "views": "32",
    "likes": "17",
    "remainingTime": "172800",
    "link": "http://me.jpg/"
  }
}
```

## Recall Image

### Request

```
{
  "method": "DELETE/v1/images/",
  "imageid": 50001,
  "jsonrpc": "2.0",
  "params": {
    "link": "http://me.jpg/"
  }
}
```

### Response

```
{
  "id": 50001,
  "jsonrpc": "2.0",
  "result": {
    "code": "200",
  }
}
```

# Glossary

---

API	Application Programming Interface
-----	-----------------------------------