

# Introduction

This document gives a general overview of SpinPike™ Lite, as well as information on system requirements and updates.

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This document is designed for Web Developers who will use SpinPike™ Lite to develop web sites. If you have any questions that have not been covered in the given document, please contact our technical support service at [support@savvybox.com](mailto:support@savvybox.com).

## System overview

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SpinPike™ Lite can be used both as a dynamic site building and management tool. All the site-related information is stored in a database. The interaction with the database is realized through the API (Application Programming Interface) consisting of a kernel system and PHP-based modules.

The HTML pages are generated automatically in real time based on the available templates. The templates are built on Smarty. This way web site graphic design and business logic can be handled independently of each other. The system includes a set of templates functions that enable outputting standard web site elements such as menu, content blocks, navigation, etc. These functions are Smarty plug-ins.

The templates functions make it easy to quickly embed in the templates standard web elements. Once a static HTML template is ready, it takes about 30 minutes to 1 hour to integrate it with the system. If you are familiar with Smarty, you can also create your own templates functions.

In practice, web sites of medium complexity level can be integrated with SpinPike™ Lite in about 2 days including uploading of the site content.

## Terms and definitions

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**Template** – a page with a combination of an HTML code and Smarty. It is used to generate web site pages.

**Module** – a system structural unit with a special set of objectives. A Module would typically have an interface and business logic. Module examples are: Search, Discussion Forum, Administrators Management, etc.

**Templates functions (high-level functions)** – Smarty plug-ins that facilitate embedding of the standard web site elements such as a menu, content, etc. in a template.

**System objects** – SpinPike™ Lite business logic objects that are responsible for the database information management. For example, the Version object manages the site versions.

**Administration interface** – the site management area. Using the administration interface, administrator can add / delete / edit sections, manage site versions, upload site content, etc.

**Site version** – a web site can have several versions, for instance, language versions. A version has an individual set of templates and sections structure.

**Site section** – a site version structural unit. It appears as a site page to a site visitor. A site section would normally have content.

**Section content** – just a text or a text and an image associated with a particular section.

## System requirements

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For a flawless SpinPike™ Lite operation, the following software and hardware requirements should be met:

### Hosting Server:

OS: UNIX, Linux or similar

Server: Apache 1.3.x (mod\_rewrite enabled) with a possibility of server configuration through the ".htaccess" files.

Database: MySQL 3.23.x

Programming Language: PHP 4.2

### User PC:

Browser: Internet Explorer 5.5 or later version

Screen Resolution: 1024x768 and higher

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## Updates download and installation

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We are constantly working on the system improvements, so the system updates can be obtained on a regular basis. Version updates will be available free of charge, whereas new system releases will be subject to fee-based downloads.

To download an update, go to <http://www.spinpike.com>. Enter your unique login and password values to access the download area. There you will be able to download and install the update in the same way as you did when installing SpinPike™ for the first time.

If you have any questions, please contact our technical support service at [support@savvybox.com](mailto:support@savvybox.com).