

# Furious License Manager

## Overview

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### Introduction

Furious License Manager (FLM) is a powerful, secure and flexible licensing management and product activation solution. This solution consists of two major components:

1. License manager – allows you to manage licenses and process activation requests.
2. License client – a library that integrates into your product and provides easy to use methods for performing activation requests and validating licenses.

Simple overview of the activation process:

1. Product submits activation request to the server.
  - License client regenerates the request.
2. Server verifies activation request and issues a license
  - License manager extracts information from the request and generates the license.
  - Vendor's database can be used to validate information from the activation request.
3. Product receives and verifies the license.
  - License client performs the verification process.

### Features

The table below highlights the main features of this licensing and activation solution.

Feature	Description
<b>Secure storage and transmission</b>	All of the vital data is secured with strong encryption algorithms that are used by military and government agencies.
<b>Seamless activation process</b>	Streamlined and simplified activation process which requires minimal integration effort and takes the hassle away from you.
<b>Fast and efficient</b>	Advanced security mechanisms will always require considerable processing power but thanks to algorithm optimization the performance hit is minimized.
<b>Hardware binding</b>	License can be locked to a specific target computer, by injecting specific hardware information into the verification mechanism. This will make the license completely unusable on any other computer.

<b>Unique security signatures</b>	Each distribution is built with unique security signature, which prevents any other vendor who is using the same solution from being able to work with your licenses. In addition to the vendor specific signature, vendors themselves can specify an optional security seed to make licenses incompatible between various products/builds.
<b>Cross-platform</b>	This solution is compatible with most of the commonly used platforms. This solution will not limit the target market of your products.
<b>Programming language independent</b>	This solution is not bound to any specific programming language as it works through shared libraries and executable tools. Hence, integration is possible for products developed pretty much with any programming language.
<b>Customizable</b>	Optional customizations can be applied on request, to further protect your interests.

## Supported platforms

	License Manager	License Client
Windows	Yes	Yes
Mac OS	Yes	Yes
Linux	Yes	<i>In development</i>

Both 32-bit and 64-bit versions are available. Windows platforms are officially supported on Windows XP and later versions. Older versions, such as Windows 98, NT and 2000, are supported only “theoretically” and official support is pending.

## Hardware identification

Hardware identification is used to uniquely identify and bind generated licenses to the computers of your customers. The following table shows the available types of hardware identification and platforms on which they are currently supported. One way hash function is used on the collected information to protect user privacy.

	Windows	Mac OS	Linux
<b>Processor</b>	YES	YES	YES
<b>Network card</b>	YES	YES	--
<b>Hard disk</b>	YES	--	--
<b>UUID</b>	--	YES	--
<b>Serial number</b>	--	YES	--

**Beware:** Hardware identification can change if customer adds, removes or replaces components in the computer. This can invalidate the licenses which are bound to the affected hardware components. In such cases, a reactivation will be necessary to obtain a new license.