

## **StarForce Mobile protecting mobile applications**

*StarForce Technologies  
Expert in the field of protection  
of games, educational, entertaining  
and business software*

## StarForce Mobile

*StarForce Mobile is a solution for developers, publishers, and distributors for protecting Java applications for mobiles, smartphones and communicators.*

StarForce Mobile is a unique solution which takes into account both interests of developers and mobile content end-users. For the developers SF Mobile secures increasing profits in the sale model established on mobile content market. And for the end user SF Mobile offers an opportunity to try a program for free first and if the program meets the end user's requirements he or she can buy it. This ensures end user's fidelity both to the program developers and to the program distributor.

### What is fundamentally new about StarForce Mobile

#### For software developers

➤ **Application protection**

Application protection secures it from loss of profit in case of illegal usage and distribution of protected content.

Previously, a customer, who had bought your software, could hand it over to his or her friend and you would earn nothing from it. Nowadays, you can push up sales by several times due only to software protection! Nowadays, an unauthorized user will have a protected program run in trial mode, which can only be cured by buying a valid license.

➤ **Thorough control of all the protected software distribution channels**

Software protection provides you with an utmost control means over distributed protected software. We grant you access to your personal online private office, from where you can see by yourself the true picture of your protected software activation statistics. Thus you can be sure you cash in from each single copy sold without any single exception.

Besides you make profit from each and every single copy of your protected product being sold you can also analyze the statistics of distribution of your product conducted via different distribution channels and choose the most effective ones, so that in the future you save your money more effectively.

➤ **Software distribution gateway** (essential part of sale)

Distributing content on just your own you have to conclude treaties with cellular operators or content providers wasting overwhelming funds. In case you protect your software with StarForce Mobile we take not only the content delivery but also payments to operators and providers upon ourselves.

➤ **Additional unique distribution channel – [www.metro-fun.ru](http://www.metro-fun.ru)**

This is a unique resource available on the market today, where end users can download applications from, give them a free try and, should need arise, by them. Undoubtedly, this makes end users inclined to buying software via such resources, for they are sure they are not going to buy a pig in a poke. The resource is exposed both via web and wap.

➤ **User loyalty due to unique “first try then buy” offer on the market**

Users are offered a unique possibility available on the market to first try an application for free and only if they find the software useful buy it. Upon application purchase it does not require any extra downloads for the software to run licensed, which, of course customers will sure like, for this saves their time.

➤ **Absolutely transparent money flow among all the mobile software distribution participants**

#### For end users:

- **Simply the most unique possibility available on the market** which allows end-users to try the software at first and buy it, if it meets their needs.

The end user is not limited in the channels of application download means of application obtaining. He or she can try an application not only on his or her mobile device, but also on a personal computer. With all this, the end user not simply gets a demo version of a program, he can play it, and even pass several levels if it is a game.

➤ **Various ways of purchasing a product (SMS, Internet)**

Software protection does not only apply restrictions to the ways of purchasing and activating of a protected program, but offers an ability for the end user to choose the most appropriate one at the given moment. The end user can buy and activate a program both via SMS and Internet (through an online payment system).

**- What else makes StarForce Mobile a unique solution?  
- Peculiarities and unique features of StarForce Mobile solution:**

➤ ***High resistance of the protection system to cracking***

➤ ***Support for various platforms***

StarForce Mobile supports most of operating systems running on mobile devices

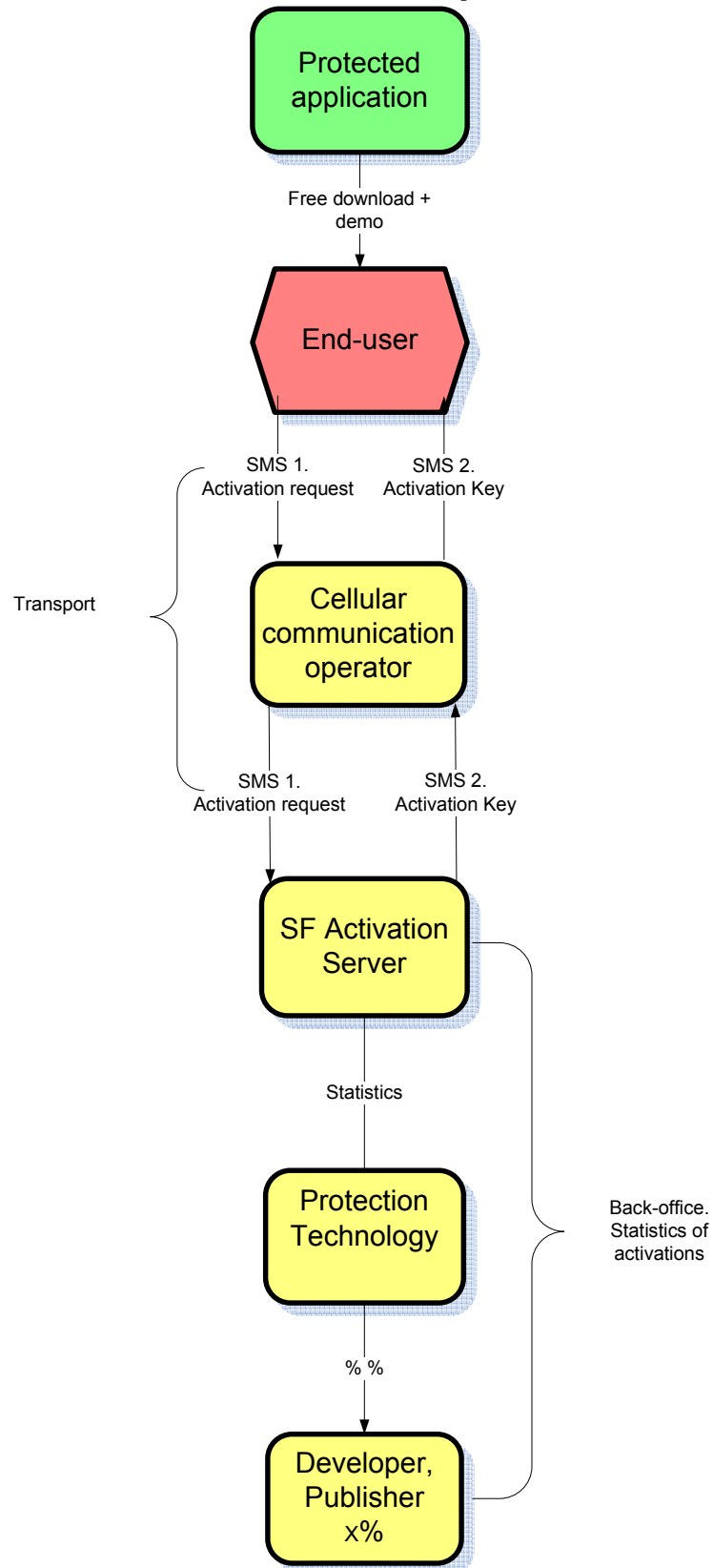
➤ ***High portability*** which is due to that StarForce Mobile does not use any drivers and low-level OS API

➤ ***A variety of ways of mobile software sales***

- *Buy only*. This implies a customer is sold a fully functional version of a program protected from unauthorized copying.
- *Try & Buy*. This implies a customer is free to use a program without the need to purchase a commercial license during a certain period defined by the program developer. Upon expiration of the trial period the customer is required to purchase a commercial license in order for the protected program to continue to function.
- *Try & Die*. This implies a customer is given a trial version of a protected program with certain functionality disabled. The program is not meant to be activated.

➤ ***Allows to protect applications that can be extended via modules***

## How does StarForce Mobile protection works



## StarForce Mobile's main protection components\*:

- **DRM-Agent** – a module that verifies application's license compliance.
- **DRM-GUI (Java)** – graphical user interface integrated into a Java application which is used to activate a protected application.
- **CMS** – is a server-side component which is responsible for protecting, activating and publishing of an application, as well as providing certain reports.
- **SMS Billing** - a billing module for the CMS mentioned above.
- **WEB-site for developers** – is a means for protecting of an application and auditing it during its sales. It is responsible for promptly manage serial numbers and get serial number usage reports, define rights and impose limitations to the product being protected depending on the current business model.
- **WEB-site for users** ([www.metro-fun.ru](http://www.metro-fun.ru)) – is a portal for customers and users which is a means for distributing of protected applications.
- **WAP-site for users** – is responsible for distributing of protected applications via WAP protocol.
- **Java Obfuscator** – a server-side protection module, that protects Java code of an application.

\* For more details about the StarForce Mobile components you should consult a StarForce manager.

## Supported platforms

### Java

- Mobile phones that support Java
- Smartphones with Symbian.

### C++

- Windows Mobile 2003, 2005
- Windows Smartphone 2003, 2005
- Symbian OS (8.x, 9.x)

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