

StarForce Corporative (for corporative software)

*Solutions for protecting business applications used within corporate networks
with centralized application management.*

*The «StarForce» company
is a recognized expert in the field of protection
of games, educational, entertaining
and business software*

StarForce Protection

StarForce specialists have created a complex of copy protection solutions for many of legal owners. Company gives wide choice of reliable protection tools for software and e-documents from home-made and industrial copying, license discs emulation and cracking. StarForce offers to software publishers, manufacturers and developers range of qualified services. Among them: customized solutions, consulting, audit and researches of software crack resistance, analysis, unauthorized usage and so on.

StarForce solutions are very convenient of use for application actually in every country of the world owing to on-line technical support, absence of special requirements for optical disc production, high speed and ease of integration.

StarForce protection technologies

StarForce Technologies is:

- The most modern and actual software protection solutions** from illegal use, home-made and industrial copying, crack and reverse engineering.
- Flexible DRM technologies** for secure Internet sales providing, various ways of products delivery and software distribution control.

Our technologies and solutions are intended for sales support both on physical media and on-line (digital) sales.

The fundamentals of StarForce protection systems propose the key idea about identification of original physical license disc parameters and end users id hardware.

Client-server technology which is used for protection installation provides a reliable protection scheme for files encryption and key forming algorithms as these operations are executed exclusively on the StarForce remote protection server and are not applicable for outside analysis.

In case of on-line sales StarForce technologies realize variety of flexible product activation schemes, which are included in license. That license (serial number) includes parameters and logic of application work after it activation.

Protected software is installed on user's hard disc and binds to computers hardware configuration. It's available to realize different levels and schemes of binding to hardware based on features of protected software and its users.

Product activation can be done via Internet or in case of its absence be phone, fax, e-mail and SMS.

StarForce solutions also give opportunity to withdraw licenses and change logic of its work.

In case of retail sales on physical media it is real to realize sales with binding to optical disc (when software work from disc is meant) and without binding (or with partial) when software works from users hard disc.

Unique technology that was developed by StarForce engineers and now is used in binding to disc solutions allows to specify 24-bit digital key with information about original physical parameters of the whole plant batch. Only single disc from the batch and standard CD/DVD-ROM drive is needed for this. The digital key is used by protection module that is built in software executable file as a standard for license CD identification. That key isn't covert, as it allows launching the protected application only in case when license disc with the key that exactly matches physical parameters is situated in CD/DVD-ROM drive of end user. The key may be then placed on official webpage or printed on packs, envelopes or discs themselves by the publisher.

SF Corporative (for corporative software)

Solutions for protecting business applications used within corporate networks with centralized application management.

The main principle of a product functioning is based on the fact that protection functionality is bound to a local network server where the protected application is installed and activated with a single license. This single license specifies the manner the protected application can be used – the number of simultaneously running copies of the protected product, the time scope of the application, etc. During startup a client application connects to the server requesting permission to start.

Products protected with SF Corporative can be distributed either on optical discs or via the Internet, or both. In any case, Internet activation of a protected product is required before it can be used. Using this approach to program protection appoints a system administrator responsible for program installation and activation, relieving end user of this.

SF ProActive for business supports the following distribution and protected software usage models:

1. disc-to-activation

The software is distributed on discs but the software work is performed from end user's computer hard drive. In that case the discs aren't the software storage only but the distribution instrument – to launch software it is necessary to activate it. So end-users can transfer disc with protected software to each other, but application will start to work only after buying license for it and its activation, before this the application can be accessible in trial mode. *Also additional protection of software is available:* part of the software (installation pack) will be bound to storage. Additional protection consists in that software from disc can be installed to computer only one time. This protects software from the further distribution.

This variant is suitable for box versions distributed via retail and e-shops (as points of sales).

2. download-to-activation

This variant is suitable for software distribution via Internet. Users get software by downloading it on computer. In that case **SF Corporative** provides obligatory software activation on end user's computer.

2 levels of protection are available – Basic and Pro.

Available license models – buy only (Basic); try&buy, rent, subscription (Pro).

SF Corporate advantages and features:

- Features crack-proof protection of corporate applications.
Protection is bound to a local network server where the protected application with an appropriate license is installed. The license specifies limitations of the application usage. Client application periodically connects to the server to request certain data to determine whether it should proceed functioning.
- Allows to specify the period of use and the maximum possible number of client copies simultaneously running properties (defined by customer).
- Simple and quick way of applying protection to an application - buying and installing the SF Corporate can be done directly from customer office via the Internet.
- The same protection is usable both in a single-use and a corporate modes..
When a protected product is used by a single user the protection binds to the computer on which the protected product is installed. When the same product is used in a corporate environment the protection binds to network server. The manner in which the protection will run is specified in the product installer.
- Centralized management of protected application's work when used in local corporate networks
- DRM support
 - Possibility to manage serial numbers and obtain their usage statistics reports
 - Possibility to control of a product usage and distribution
 - Possibility to define and redefine features and limitations of the product depending on a selling scheme
- Ability to change distribution policy of an already released protected product (change certain protection parameters for certain customers, change protection binding from single-user to corporate mode and vice versa, etc.)
- Ability to install several copies of a protected product on the same server
- No additional hardware or software utilities are required to protect or work with a protected product (for instance, eToken)
- Extra marketing potentials
It is possible to set a limit onto the maximum number of simultaneously running copies of a protected application within a corporate network. In this case, organization buys a single license prescribing the number of simultaneously running copies. Exceeding the maximum number of running copies of a protected application leads to the situation when new end users willing to start a new copy of the application have to wait until an already running copy is closed.
- No end user attention to installation and activation of a protected product is required. It is system administrator who is meant to install and activate a protected product.
- Deactivation of a licensed program by the end user
The end user is enabled to transfer the protected program from one computer onto another via deactivating and further activating the program with the same serial number. This applies also to the case when the end user reinstalls OS or modifies computer hardware configuration. This ensures the end user feels comfortable using the protected program.
- Twenty-four-hours StarForce support service
- Applying protection by StarForce engineers *
- Protection of an unlimited number of executable files
- Protection of exported and imported functions
- Protection with drivers (provide better protection) and file containers
- Editing of the protected program's GUI

* Extra fee

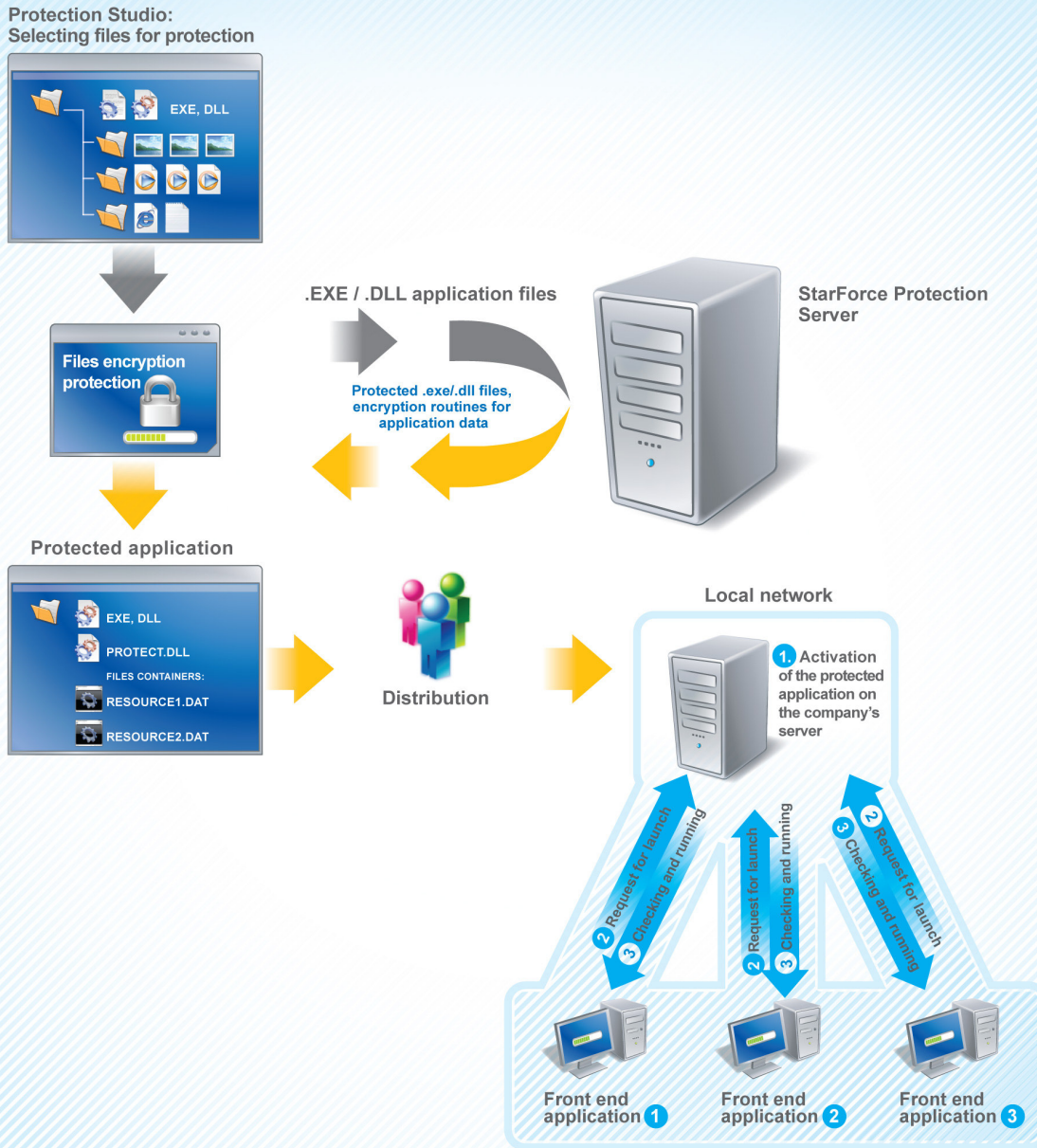
SF Corporative Basic, Pro features comparison table

	Basic	Pro
What to use	To protect inexpensive programs	To protect any kind of software which needs reliable protection
Protection level	min	min-max
Licensing models available	Buy only	Demo; Try&Die; Try&Buy; Buy only; Rent; Subscription
Base features: <ul style="list-style-type: none"> ▪ Specification of the type of the key ▪ Specification of how many times a program can be activated (defaults to 10) ▪ Specification of the minimum time before program reactivation ▪ Specification of the level of binding 	+	+
Scope limits: <ul style="list-style-type: none"> ▪ Specification of a serial number time scope ▪ Specification of the start date of the license ▪ Specification of the end data of license ▪ Specification of the license validity scope 	+	+
Regional settings: Specification of a list of countries where the license can be activated	-	+
Setting program functionality limits	-	+
Additional features <ul style="list-style-type: none"> ▪ Specification of the maximum number of workstations the program can be activated simultaneously ▪ Specification of the maximum number of program's runs ▪ Specification of how long the program can work without restart 	+	+
Custom logic of program functioning depending on a serial number's part	-	+
Editing of serial numbers/Serial number generation parameters This allows changing of the distribution policy of the program already released, changing of parameters for certain end users, etc.	-	+*
Serial number Black Listing Allows creating black list of compromised serial numbers which helps to block the activation of protected programs.	+	+
Serial number generation by time report Allows to get a report of serial number generation during a specified period	+	+
Serial number generation by program report Allows to get a report of serial number generation for a certain protected program	+	+
Serial number activation statistics report Allows to get a report on when each serial number has been activated	+	+
Serial number activation statistics by scope Allows to get a report of activated serial number during certain period	+	+
Deactivation of a program by end user	+*	+*
Protection is applied by StarForce engineers ¹ <ul style="list-style-type: none"> -with source code modifications by SF specialists -with source code modifications by Client specialist -without source code modifications 	- +* +*	+* +* +*
Twenty-four-hours StarForce support service	+	+
Crack-proof guarantee during certain period of time	-	+*

« + » – available « - » – unavailable « +* » – extra fee

¹ This service is available with departure of SF specialists in clients office and from SF office in case of granting initial code of protected application.

SF Corporative protection technology



SF Corporative implementation phases

- Apply protection to an application using the SF Protection Studio directly from customer's office via the Internet
- Obtain a serial number (for server) according to a licensing model on a SF License Management Server
- Develop installation scenarios
- Prepare a batch of product with previously developed installation scenarios
- Test the protected application's work
- Run the protected application within a corporate network

Description of licensing models which are available at StarForce

- **Buy only**
The end user buys a license, activates the protected program automatically via the Internet, or does so manually via the web site, e-mail, or phone/fax.
- **Try&Buy (Trial)**
The end user can work with the protected program during certain period of time defined in the license without buying it. When the trial mode is over the program can be used only after it is activated with a valid license.
- **Try&Die**
The end user can work with the protected program during certain period of time. When the trial period elapses the protected program will no longer function and cannot be reactivated by a valid license.
- **Demo**
This mode is applicable when protecting non-commercial programs – beta versions, pre-releases, etc. As is usual, life scope of a demo program is determined by its license.
- **Rent**
The end user buys a rent license for a certain period of time. When the license invalidates it is required to buy a new one in order the protected program continues functioning.
- **Subscription**
The end user buys a subscription and he's granted access to the protected program during certain period of time. When the license time elapses the end user is required to prolong it; otherwise the protected program will not function.

Protected files types

- x86/x64 executable files
 - .Net executable files
- *Protection does not cover executable files which have preliminary been packed or ciphered.

System requirements for StarForce Products

For the protection:

- Intel Pentium x86/x64 or 100% compatible processor
- Microsoft Windows 2000 SP4, Windows XP 32 (SP2)/64, Windows Vista 32/64
- Internet connection
- CD-RW, DVD-RW drives for writing protected programs to SF CD-R, SF DVD-R discs (you can obtain a list of recommended drives from StarForce support service). It is necessary for protection with disc binding.

For protected program:

- Intel Pentium or another 100% compatible processor
- Microsoft Windows 2000, Windows XP 32/64, Windows 2003 Server, Windows Vista 32/64.
- CD-ROM, DVD-ROM, CD-RW, DVD-RW (in case of distributing and binding protected application to optical disc)
- (unessential) Internet connection (for activation of protected application through Internet)

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