

Feature Matrix

Protection! Developer v5

Protection! Framework

Core	
New! Java 17 support	✓
New! Native applications support	✓
New! Automatic license backups	✓
New! Licenses kinds for new and upgrade licenses	✓
New! License Upgrade Assistant to simplify finding of licenses of previous versions	✓
New! Strong encryption for File Secret Storages	✓
New! Ability to prevent concurrent inter-process modification of File Secret Storages by utilizing lock files	✓
New! Jar File Secret Storage to allow hiding Secret Storage data in archives that may look just like usual application libraries	✓
New! Ability to check out Named LS licenses to allow using them offline for a limited time (briefcase mode)	✓
New! New centralized tracking and control of license usage limit using Licensing Server	✓
New! Extended Floating LS user licensing model to allow tracking and limiting license use by CPU Cores and Memory limits	✓
New! Ability to check status of Licensing Server when it is offline to let the users know what is going on and when Licensing Server is expecting to be back online	✓
New! Ability to use CPU ID, Motherboard ID or a custom attribute to lock license to	✓
Ability to eliminate use of native libraries to get MAC address on Java6	✓
Native RSA cipher implementation on Java6	✓
Ability to use macro variables in Product's Product Links.	✓
Right-to-left orientation support for all the Assistants and dialogs	✓
Ability to apply both Read and Write protection to Products Storage in order to prevent unauthorized access or modifications of Product Storages.	✓
Quick and easy embedding into custom applications using Protection! Launcher	✓

Quick and easy embedding into custom applications using code snippets	✓
Uncounted User Licensing Model	✓
Floating User Licensing Model – Licensing Server (requires Protection! Licensing Server)	✓
Named User Licensing Model – Licensing Server (requires Protection! Licensing Server)	✓
Floating User Licensing Model via network broadcast	✓
Check host policy - providing additional flexibility to the Floating User Licensing Models	✓
Named User Licensing Model with grace period support. Out of the box ability to lock licenses to the network card MAC address, the user name, IP address, Number of CPUs and the host name.	✓
Ability to control multiple running copies of protected application on the same host when using Named User Licensing Models	✓
License Deactivation allowing for removal or transfer of the license to another computer	✓
Strong (512 bit RSA) license file encryption	✓
Ability to change license encryption and regenerate encryption keys	✓
Ability to locate and read license from the local file system.	✓
Ability to embed license into the application. This feature allows for CD/DVD and digital distribution of trial versions	✓
Usage based license expiration with grace period support	✓
Date based license expiration with grace period support	✓
Java Preferences API and file based Secret Storage implementations	✓
License Aliases allowing bundling together license, its identifiers and additional license properties. License Aliases provide an easy way to refer to a License Alias by one of its identifiers and further creation of the license based on license alias's configuration parameters.	✓
v2 of Serial Numbers based on the concept of License Alias.	✓
v1 of Serial Numbers (deprecated) based on the concept of embedding main license attributes into the encoded Serial Number form.	✓
Ability to precisely specify which product features are enabled for a combination of a given license type and license state	✓
Ability to specify a resolver that can be used to intercept and fix issues that occurs during the license reading and/or validation	✓
Ability to get full control of license reading and validation	✓

Ability to specify an unlimited set of application features and which feature's can be used with each specific generated license	✓
Trial version support with grace period and evaluation period. Trial versions could be based either on expiration time or application usage amount or combination of both.	✓
About Dialog capable of showing product information, license and the licensee information	✓
Message Dialogs that can be presented to the end-user if the license reading and validation errors occurs	✓
Integrity Verification Subsystem	
Quick and easy embedding into the custom applications using Digest configuration. Digest configuration can be loaded at runtime from the application's resource or from the file	✓
Quick and easy embedding into the custom applications using auto-generated code snippets	✓
Ability to check integrity of the obfuscated code. Zelix KlassMaster and RetroGuard obfuscators are currently supported.	✓
Ability to check integrity of the files	✓
Ability to discover patched application parts employing SHA-1, MD5 and CRC32 digest algorithms	✓
License Lock Assistant	
Ability to specify which choices are available for the end-user	✓
Ability to wait-and-retry when attempting to acquire the license lock	✓
Ability to choose a Licensing Server when it is not specified for the license	✓
Automatic discovery of the Licensing Servers running within the same network.	✓
Progress Page for processes dealing with the Licensing Server functionalities. Progress Page indicates list of operations with their statuses and animated progress icon for in-progress operations.	✓
Ability to interrupt in-progress operation and close the License Lock Assistant	✓
Licensing Assistant	
Ability to specify which choices are available for the end-user	✓
Ability to get license from the Licensing Server	✓
Automatic discovery of addresses and ports of the Licensing Servers running within the network.	✓
Ability to specify location of a valid license file	✓

Ability to view information on how to obtain the license via offline mode	✓
Ability to request evaluation or extended evaluation license using Protection! Backend	✓
Ability to obtain commercial license by providing the Serial Number (e.g., found on the product box) using Protection! Backend.	✓
Progress Page for processes dealing with the Protection! Backend or the Licensing Server functionalities. Progress Page indicates list of operations with their statuses and animated progress icon for in-progress operation.	✓
Ability to interrupt in-progress operation and close the Licensing Assistant	✓
Activation Assistant	
Ability to specify which choices are available for the end-user	✓
Ability to specify the location of an activated license file	✓
Ability to activate the license using either Direct or Proxy Internet connection	✓
Ability to get information on how to activate the license via offline mode	✓
Progress Page for processes dealing with the Protection! Backend functionalities. Progress Page indicates list of operations with their statuses and animated progress icon for in-progress operation.	✓
Ability to interrupt in-progress operation and close the Activation Assistant	✓
Deactivation Assistant	
Ability to specify which choices are available for the end-user	✓
Ability to deactivate license on the local computer	✓
Ability to notify vendor about deactivation results using Protection! Backend.	✓
Ability to get information on how to notify vendor about deactivation results via offline communication	✓
Progress Page for processes dealing with the Protection! Backend. Progress Page indicates list of operations with their statuses and animated progress icon for in-progress operation.	✓
Ability to interrupt in-progress operation and close the Deactivation Assistant	✓

Protection! Developer Control Center

Protection! Developer Control Center	
New! Improved the Protection! WS Application Dialog to simplify Protection! Enterprise configuration	✓
New! Ability to specify license Kind and related attributes	✓

New! Ability to specify all new attributes for extended Floating and Named LS user licensing models	✓
New! Updated the "Edit Product Integration Secret Storages" page to allow specifying new types of Secret Storages and to allow specifying all new attributes	✓
New! New the "Edit Product Integration License Upgrade" page to allow specifying license upgrade options	✓
New! Updated the "Edit Product Integration Licensing Server" page to allow specifying a server status URL	✓
New! Ability to Save Audit Results to a HTML file	✓
Ability to create new products using the New Product Assistant	✓
Ability to view and to maintain License Storages	✓
Product Audit – allowing for checking selected product for errors, option conflicts and potential configuration and/or deployment issues	✓
Ability to build Launchers	✓
Ability to maintain multiple Launcher Build configurations	✓
Ability to build Integrity Digests	✓
Ability to maintain multiple Integrity Digest Build configurations	✓
Ability to manage read and write protection of the Products Storage	✓
Ability to create unlimited number of new licenses and view attributes for the previously generated licenses	✓
Ability to generate Serial Number(s)	✓
Ability to restore license attributes for a given Serial Number	✓
Ability to open licenses, products storages using Drag&Drop	✓
Ability to maintain an unlimited number of products	✓
Ability to specify all of the available product attributes	✓
Ability to have an unlimited set of product features and editions	✓
Ability to import products from the different product storages	✓
Ability to have a unique public/private key for each product	✓
Ability to design custom message templates to be used when distributing licenses via e-mail	✓

Ability to specify properties for the Protection! Web Services application	✓
Ability to prepare the Protection! Web Services application for deployment	✓
Ability to specify classes and files to be verified by Integrity Verification Subsystem	✓
Built-in Code Snippets: ready-to-use Java implementation files allowing quick embedding Protection! support into the custom applications or components	✓
Customizable Code Snippets allowing design and implementation of user-specific code styles or code requirements	✓

Protection! Backend

API for the license maintenance and generation	✓
Core functionality for building integrated back-ends to allow remote license generation, deployment, activation and deactivation	✓
Powerful default backend implementation which provides a foundation for building custom back-office integration systems	✓
Plug-in support to allow easy extension of the default back-end implementation	✓
Logging of all major backend activities using provided Log4J implementation with ability to specify custom logger implementation	✓
Ready-to-deploy Protection! Web Services application	✓