



# RDS-KNIGHT VERSION 4.0

*STEP IN A MORE SECURE WORLD.*

# RDS-KNIGHT V4

Features - Benefits

Major Release

March 2019



## RDS-Knight V4

### Summary:

Following in the footsteps of our flagship product – RDS-WebAccess, RDS-Knight Version 4 has received a new interface. Streamlined, smart and easier to manage than ever, RDS-Knight continues to evolve as the premier remote access security solution.

Based on the RDS-WebAccess design model, the new RDS-Knight V4 interface creates a consistent user experience across product lines. At the forefront of the changes are visual and organizational improvements.

- **An intuitive and user-friendly dashboard:**  
At once clean and functional, the dashboard uses modern design and easy navigation tools to make management a breeze for administrators.
- **A simplified management:**  
Features have been reorganized in a smarter way, allowing Administrators to perform quick actions directly from the main interface and to apply rules to multiple units in one click. With optimized searching and sorting functions, options for adding specific parameters and comments, setting the right level of protection for your network infrastructure is made super easy!
- **An improved efficiency:**  
Thanks to the centralization of data and the insertion of clickable information, it's now quick and easy to take immediate actions to keep your servers safe. Quick access to an array of powerful tools allows for easy real-time monitoring and management as well as minimizing response times to security events.

Keywords are: **Speed** ▪ **Security** ▪ **Simplicity**

This document is a guide to discovering RDS-Knight V4 with its new features and benefits.

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*Marketing Director*



The new interface for RDS-Knight 4 is larger than its predecessor. There are now 11 menu tabs instead of 9. The 'Documentation' tab has been removed. Documentation is now located in the help section of the Home page. Three new Menu Tabs have been added.:

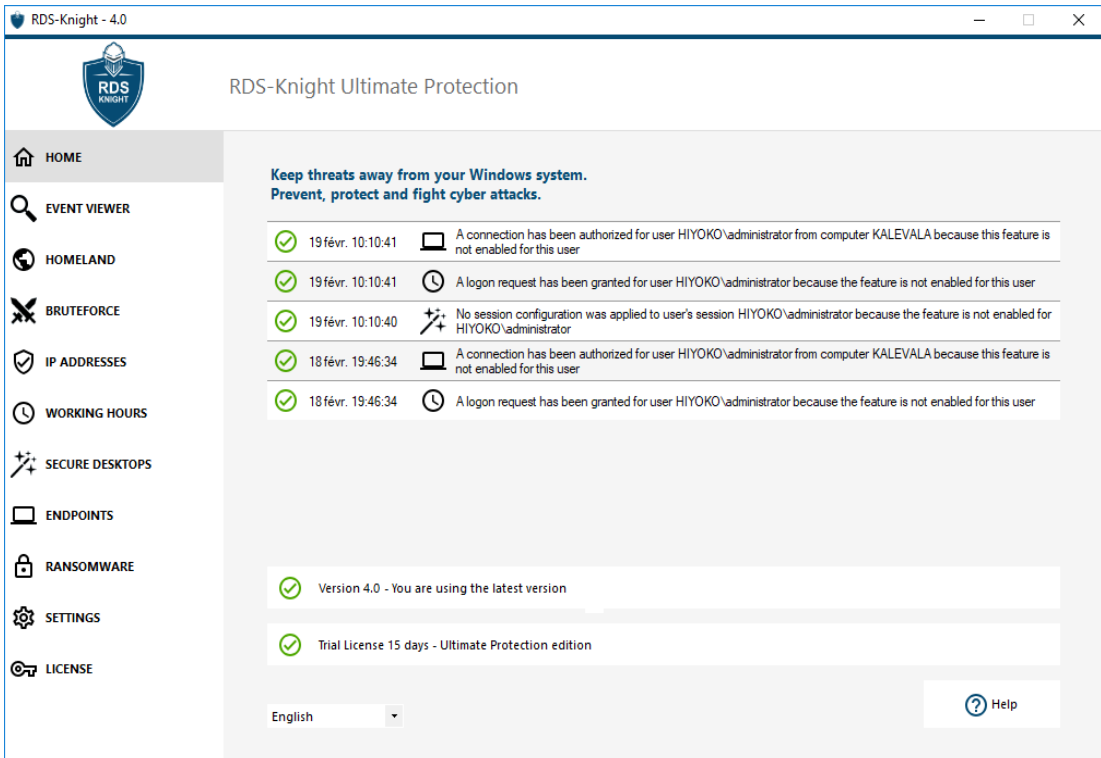


Home ▪ IP Addresses ▪ Settings

## The Home Dashboard

### Key Improvements

- List of the last five security events.
- Version and licensing information, including links to activation and upgrades.
- Help: Access to online documentation - Language selection



### Benefits for the Administrators:

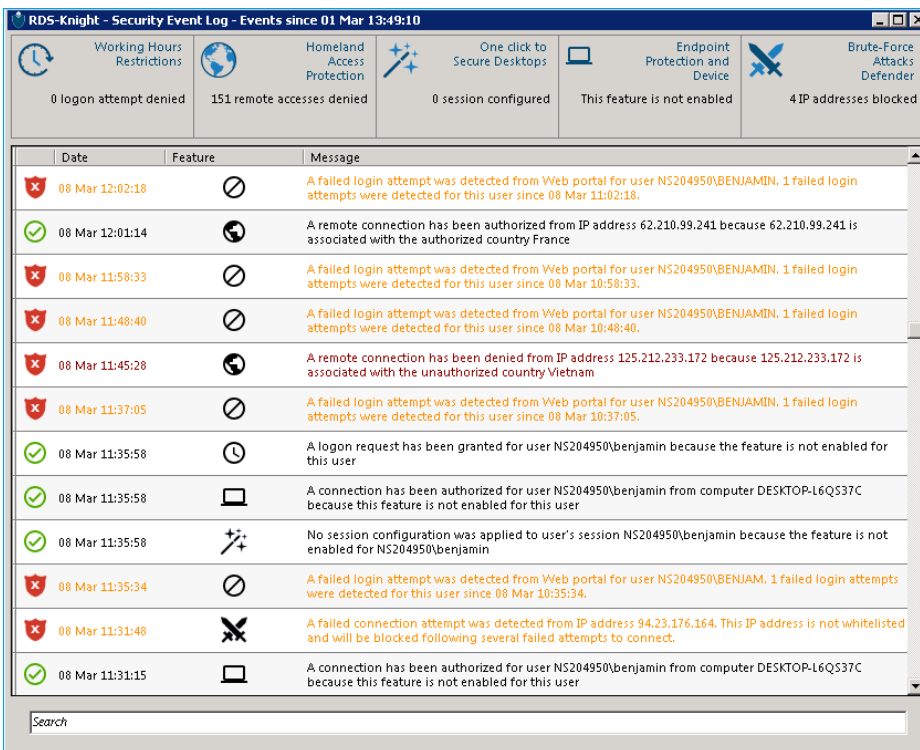
- Licensing and Version information is **easy to locate**.
- **System Protection status can be seen assessed quickly** thanks to the 5 last security events with red/green indicators.
- Shows clearly if RDS-Knight is working and operational **at a glance**.



# The Event Viewer Tab = Replaces 'Security Event Log'

## Key Improvements

- The Enhanced Event Viewer now displays the last 2500 security events - approximately one week of events in for the average deployment. Automatic refresh occurs every 5 seconds.
- Deep global search: Quickly find events and sort them by feature, date, IP or other keywords.
- Introduction of a right-click menu for direct actions on events:
  - Copy event text.
  - Action on IP address: Copy/ Unblock/ Unblock and Add to Whitelist.



The screenshot shows the RDS-Knight Security Event Log interface. At the top, there are several feature status indicators: Working Hours Restrictions (0 logon attempt denied), Homeland Access Protection (151 remote accesses denied), One click to Secure Desktops (0 session configured), Endpoint Protection and Device (This feature is not enabled), and Brute-Force Attacks Defender (4 IP addresses blocked). Below this is a table with columns for Date, Feature, and Message. The table contains 13 rows of security events, including failed login attempts, authorized remote connections, denied connections, and session configuration updates. A search bar is located at the bottom of the table.

Date	Feature	Message
08 Mar 12:02:18	Brute-Force Attacks Defender	A failed login attempt was detected from Web portal for user NS204950\BENJAMIN. 1 failed login attempts were detected for this user since 08 Mar 11:02:18.
08 Mar 12:01:14	Homeland Access Protection	A remote connection has been authorized from IP address 62.210.99.241 because 62.210.99.241 is associated with the authorized country France
08 Mar 11:58:33	Brute-Force Attacks Defender	A failed login attempt was detected from Web portal for user NS204950\BENJAMIN. 1 failed login attempts were detected for this user since 08 Mar 10:58:33.
08 Mar 11:48:40	Brute-Force Attacks Defender	A failed login attempt was detected from Web portal for user NS204950\BENJAMIN. 1 failed login attempts were detected for this user since 08 Mar 10:48:40.
08 Mar 11:45:28	Homeland Access Protection	A remote connection has been denied from IP address 125.212.233.172 because 125.212.233.172 is associated with the unauthorized country Vietnam
08 Mar 11:37:05	Brute-Force Attacks Defender	A failed login attempt was detected from Web portal for user NS204950\BENJAMIN. 1 failed login attempts were detected for this user since 08 Mar 10:37:05.
08 Mar 11:35:58	Working Hours Restrictions	A logon request has been granted for user NS204950\benjamin because the feature is not enabled for this user
08 Mar 11:35:58	Endpoint Protection and Device	A connection has been authorized for user NS204950\benjamin from computer DESKTOP-L6Q537C because this feature is not enabled for this user
08 Mar 11:35:58	One click to Secure Desktops	No session configuration was applied to user's session NS204950\benjamin because the feature is not enabled for NS204950\benjamin
08 Mar 11:35:34	Brute-Force Attacks Defender	A failed login attempt was detected from Web portal for user NS204950\BENJAMIN. 1 failed login attempts were detected for this user since 08 Mar 10:35:34.
08 Mar 11:31:48	Brute-Force Attacks Defender	A failed connection attempt was detected from IP address 94.23.176.164. This IP address is not whitelisted and will be blocked following several failed attempts to connect.
08 Mar 11:31:15	Endpoint Protection and Device	A connection has been authorized for user NS204950\benjamin from computer DESKTOP-L6Q537C because this feature is not enabled for this user

## Benefits for the Administrators:

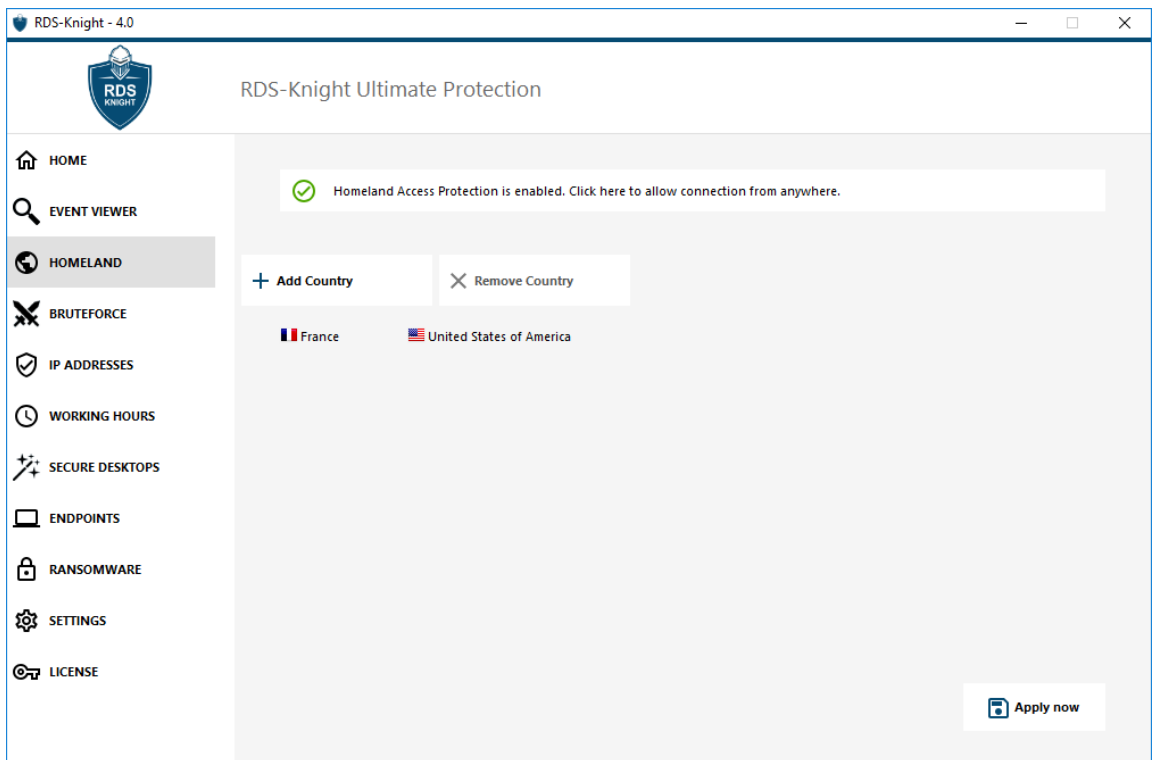
- Provides **alternative Security audit solution**: With quick access to security logs, Administrators can troubleshoot potential issues without leaving the RDS-Knight console.
- All actions are visible, dated and easy to find. This allows for **easier management and can greatly reduce administrator response times**.



## The Homeland Tab

### Key Improvements

- Reversed Protection: only whitelisted countries are allowed to connect
- Whitelist is easy to manage with dropdown menus and a smarter workflow.
- The option to enable Homeland for the HTML5 service is now in 'Settings > Advanced'.
- **New Option: Click and unblock all IP addresses associated with a previously blocked country, all at once.**



### Benefits for the Administrators:

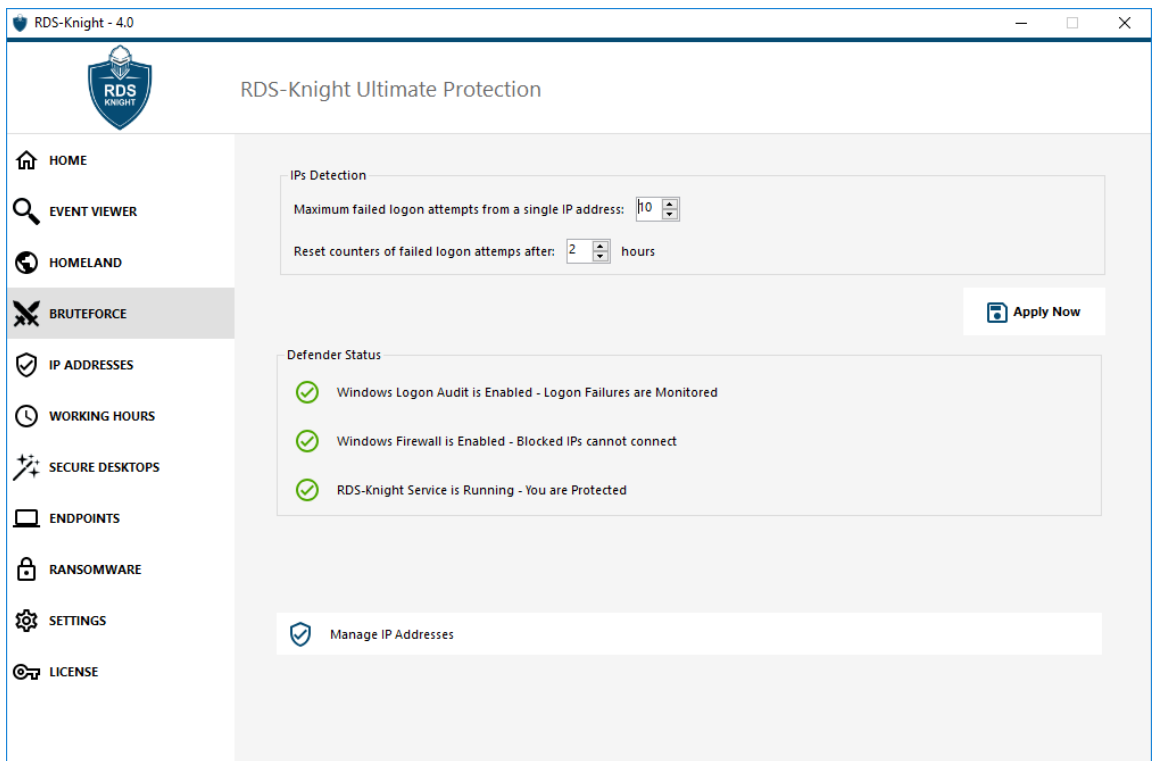
- **Faster Configuration** of the Homeland Feature: instead of listing all countries that should be blocked, administrators can first focus on allowing access only from countries they want.
- **Easier management:** the new option eliminates the need to go through the blacklist to ensure all IPs will be able to connect when adding a new country to the whitelist.



# The Brute-Force Tab

## Key Improvements

- Set the threshold for failed login attempts per IP.
- Set the time, in hours, for a reset of the failed login attempt counter.
- Overview of the Defender status:
  - Windows Logon audit - Enabled or not
  - Windows Firewall - Enabled or not
  - Overall Protection state - RDS-Knight running or not
- Shortcut to the IP Addresses Tab for direct access to Whitelist functions.

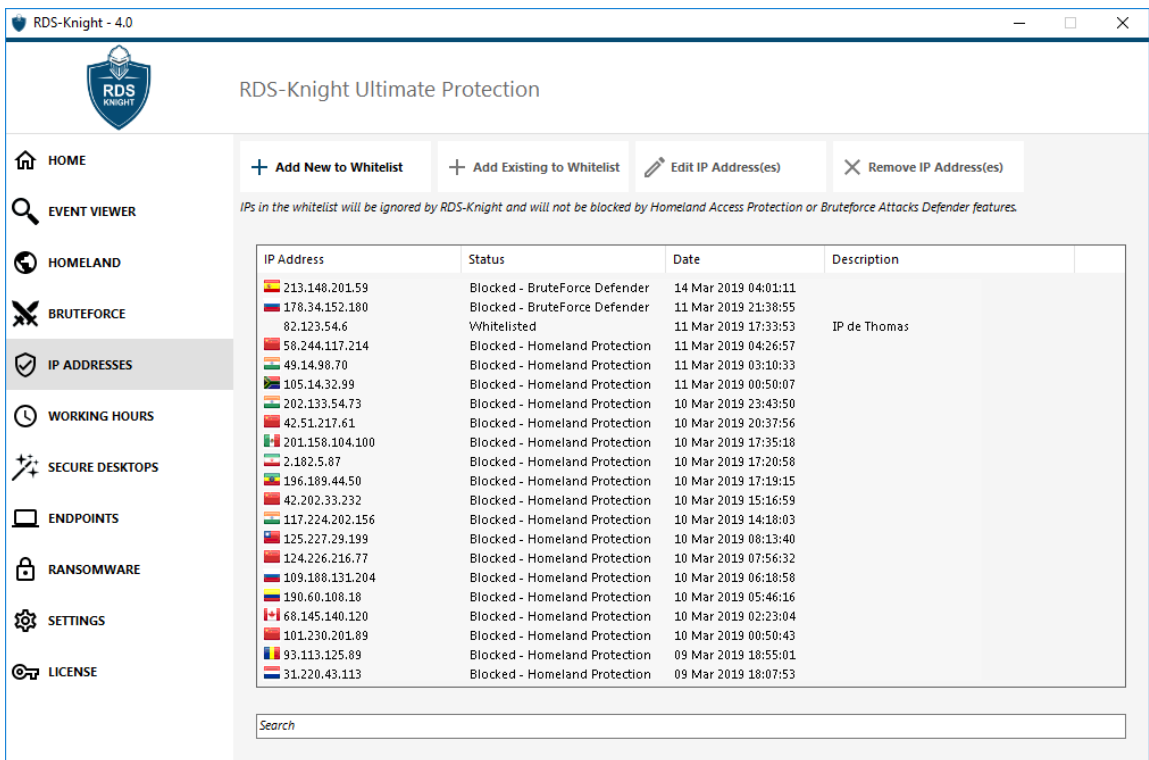


## Benefits for the Administrators:

- Administrators can **quickly check which features are enabled**.
- **Cleaner Workflow:** the list of blocked IPs is not displayed in this tab. This makes the displayed information easier to read and more efficient to manage.

## Key Improvements

- This new tab creates a centralized console for management of all IP Address information used in Homeland and BruteForce Protection.
- Direct access to quick actions: Add/Edit/Remove IP addresses.
- Administrators can now perform actions for multiple selections in one click
- Convenient search bar: easily sort IPs based on all information provided: date of editing, status (blocked/whitelisted), address..
- New option: Administrators can now enter detailed descriptions and IP address information.



The screenshot shows the RDS-Knight Ultimate Protection interface. On the left is a navigation menu with options: HOME, EVENT VIEWER, HOMELAND, BRUTEFORCE, IP ADDRESSES (selected), WORKING HOURS, SECURE DESKTOPS, ENDPOINTS, RANSOMWARE, SETTINGS, and LICENSE. The main area features a toolbar with actions: '+ Add New to Whitelist', '+ Add Existing to Whitelist', 'Edit IP Address(es)', and 'Remove IP Address(es)'. Below the toolbar is a table of IP addresses with columns for IP Address, Status, Date, and Description. A search bar is located at the bottom of the table area.

IP Address	Status	Date	Description
213.148.201.59	Blocked - BruteForce Defender	14 Mar 2019 04:01:11	
178.34.152.180	Blocked - BruteForce Defender	11 Mar 2019 21:38:55	
82.123.54.6	Whitelisted	11 Mar 2019 17:33:53	IP de Thomas
58.244.117.214	Blocked - Homeland Protection	11 Mar 2019 04:26:57	
49.14.98.70	Blocked - Homeland Protection	11 Mar 2019 03:10:33	
105.14.32.99	Blocked - Homeland Protection	11 Mar 2019 00:50:07	
202.133.54.73	Blocked - Homeland Protection	10 Mar 2019 23:43:50	
42.51.217.61	Blocked - Homeland Protection	10 Mar 2019 20:37:56	
201.158.104.100	Blocked - Homeland Protection	10 Mar 2019 17:35:18	
2.182.5.87	Blocked - Homeland Protection	10 Mar 2019 17:20:58	
196.189.44.50	Blocked - Homeland Protection	10 Mar 2019 17:19:15	
42.202.33.232	Blocked - Homeland Protection	10 Mar 2019 15:16:59	
117.224.202.156	Blocked - Homeland Protection	10 Mar 2019 14:18:03	
125.227.29.199	Blocked - Homeland Protection	10 Mar 2019 08:13:40	
124.226.216.77	Blocked - Homeland Protection	10 Mar 2019 07:56:32	
109.188.131.204	Blocked - Homeland Protection	10 Mar 2019 06:18:58	
190.60.108.18	Blocked - Homeland Protection	10 Mar 2019 05:46:16	
68.145.140.120	Blocked - Homeland Protection	10 Mar 2019 02:23:04	
101.230.201.89	Blocked - Homeland Protection	10 Mar 2019 00:50:43	
93.113.125.89	Blocked - Homeland Protection	09 Mar 2019 18:55:01	
31.220.43.113	Blocked - Homeland Protection	09 Mar 2019 18:07:53	

## Benefits for the Administrators:

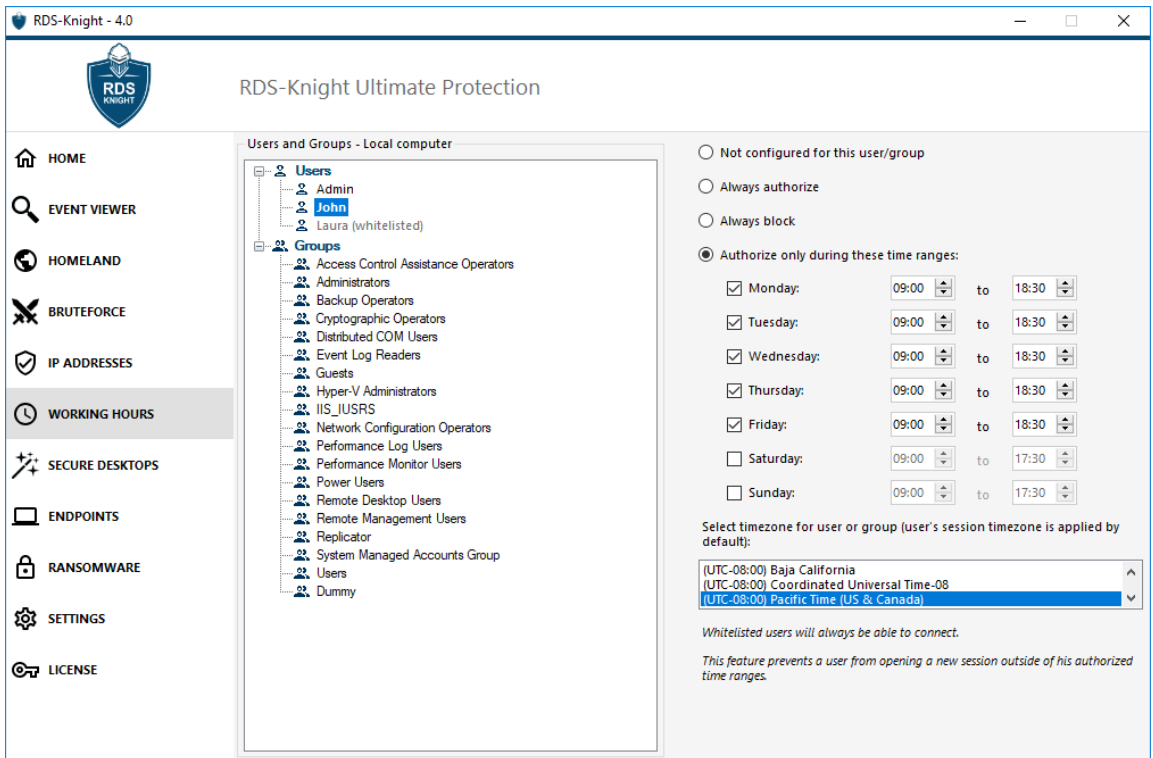
- **Fast and easy management:** Administrators can now manage all IPs from one single place and apply grouped actions in a snap. They can easily find and sort addresses by using the search bar and adding personal description.



# The Working Hours Tab

## Key Improvements: No main changes

- All the settings you love are still there!
  - Choose to allow connections at all times.
  - Or Set time slots per users or groups!
  - Define the right time zone!
  - 'Always block' some users.



## Benefits for the Administrators:

- Easy management and customization per user/group.

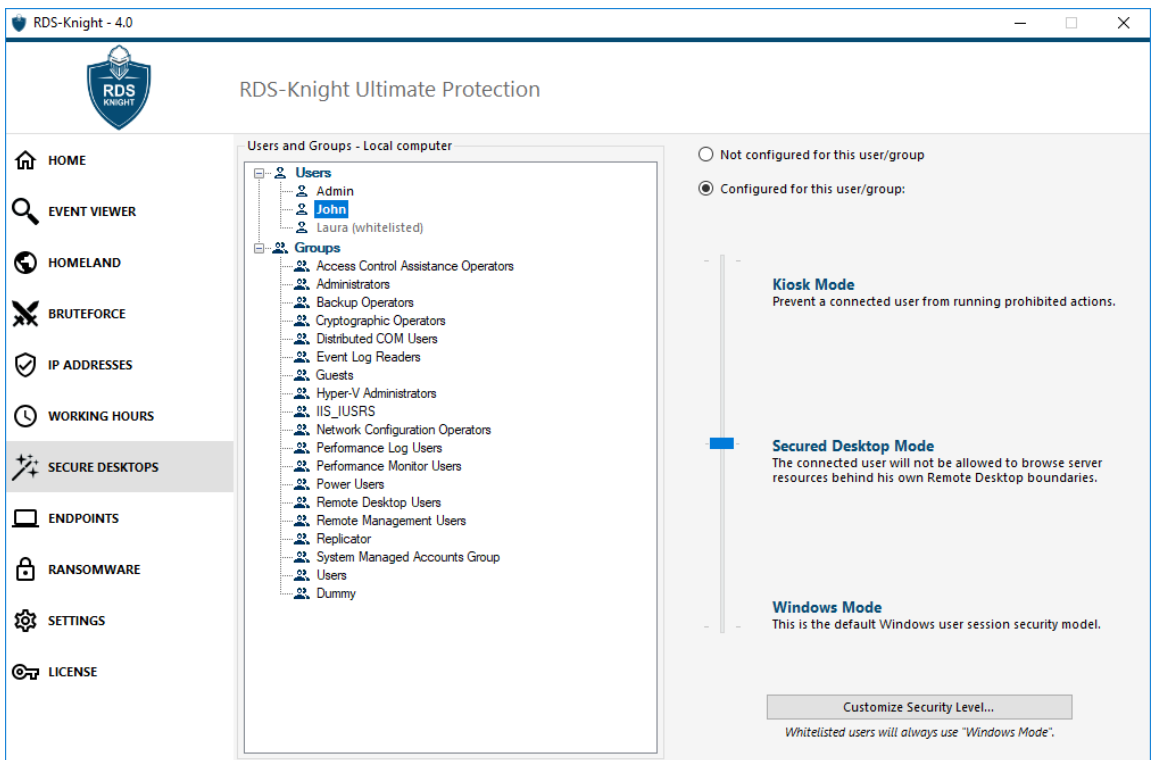




## The Secure Desktops Tab

### Key Improvements: No main changes

- The simplicity you love is still there! The slider control allows to administrators to select a specific level of security for each user or group:
  - Windows Mode (lower - default)
  - Secured Desktop (recommended)
  - Kiosk Mode (strongest)
- 'Customize Security Level' gives administrators the more granular control over the user environment - such as Allow/deny access to folders, disks or applications.



### Benefits for the Administrators:

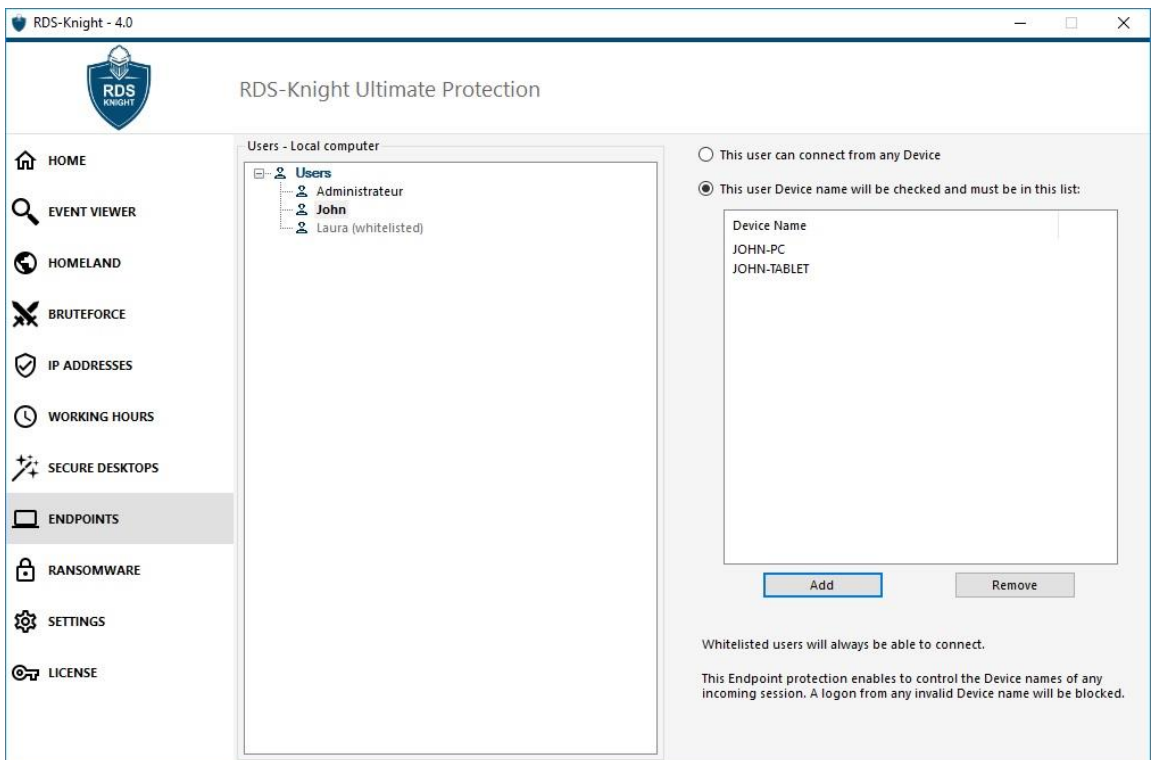
- **Fast and easy way** to define the right level of security for a safe remote desktop environment protecting both users and organization.



## The EndPoints Tab

### Key Improvements

- The simplicity you love is still there!
  - In one click, restrict user connections only to assigned devices.
  - Quickly add or remove any device (tablet, smartphone, computer) by entering its hostname to the list of allowed connections types per user.



### Benefits for the Administrators:

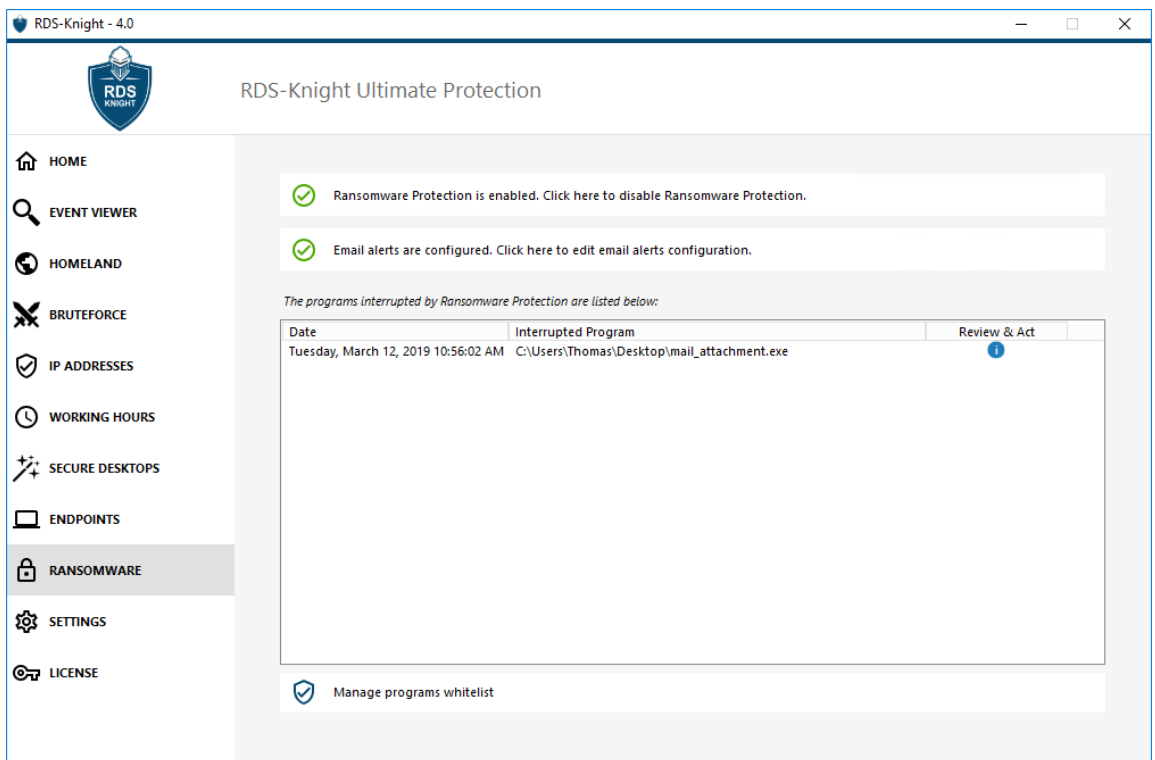
- Easy additional way to filter connections and keep Remote Desktop servers secure.




## The Ransomware Tab

### Key Improvements:

- Direct access to quick actions:
  - Enable/Disable the Ransomware protection.
  - Configure email settings to receive alerts and reports about blocked attacks.
- Clear display of the list of suspicious & infected programs put in quarantine during the attack.
- Clickable button for direct access to allowed programs list.



The screenshot shows the RDS-Knight Ultimate Protection interface. The window title is "RDS-Knight - 4.0". The main header displays the RDS Knight logo and the text "RDS-Knight Ultimate Protection". A left-hand navigation menu includes: HOME, EVENT VIEWER, HOMELAND, BRUTEFORCE, IP ADDRESSES, WORKING HOURS, SECURE DESKTOPS, ENDPOINTS, RANSOMWARE (highlighted), SETTINGS, and LICENSE. The main content area shows two status messages with green checkmarks: "Ransomware Protection is enabled. Click here to disable Ransomware Protection." and "Email alerts are configured. Click here to edit email alerts configuration." Below these is a table titled "The programs interrupted by Ransomware Protection are listed below:" with columns for Date, Interrupted Program, and Review & Act. The table contains one entry: Tuesday, March 12, 2019 10:56:02 AM, C:\Users\Thomas\Desktop\mail\_attachment.exe, and a blue notification icon. At the bottom, there is a "Manage programs whitelist" button.

Date	Interrupted Program	Review & Act
Tuesday, March 12, 2019 10:56:02 AM	C:\Users\Thomas\Desktop\mail_attachment.exe	

### Benefits for the Administrators:

- **Fast and easy management:** All settings can be managed in one place.
- **Clean Workflow:** Information is clear and easy to read. The most pertinent information about an attack can be managed directly from the alert screen. Optional email notifications cut down response time.

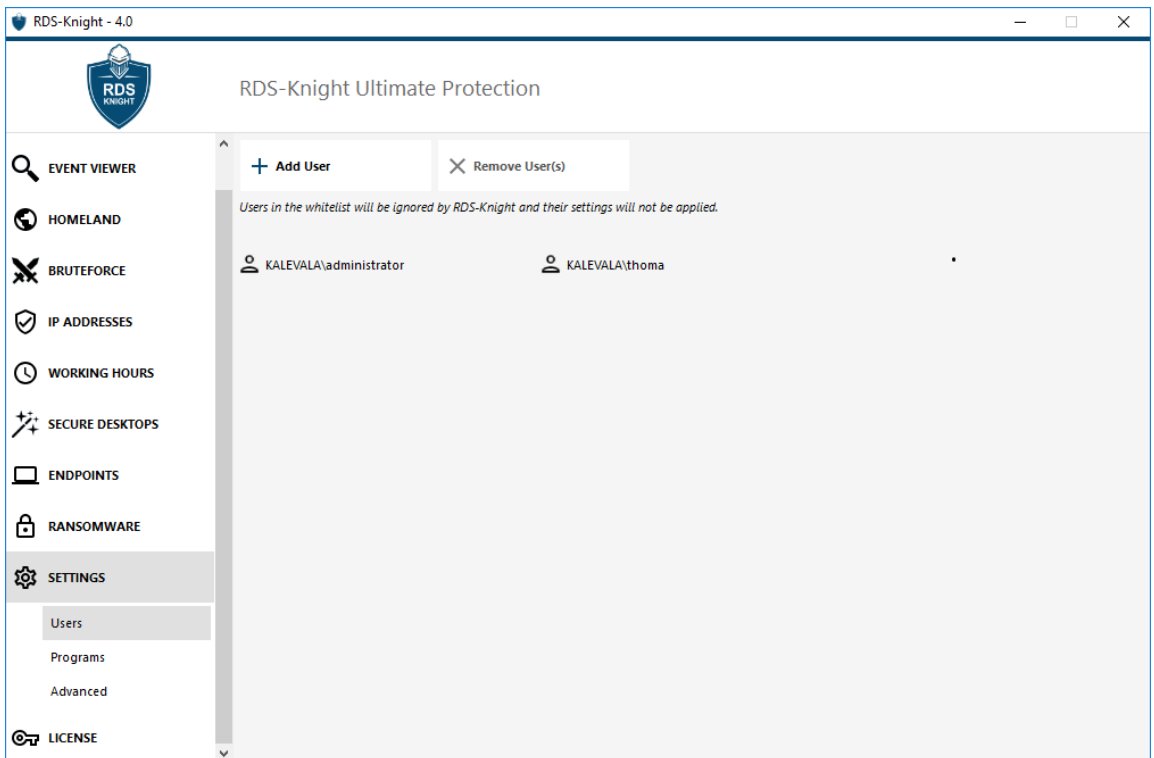


## The Settings Tab

NEW

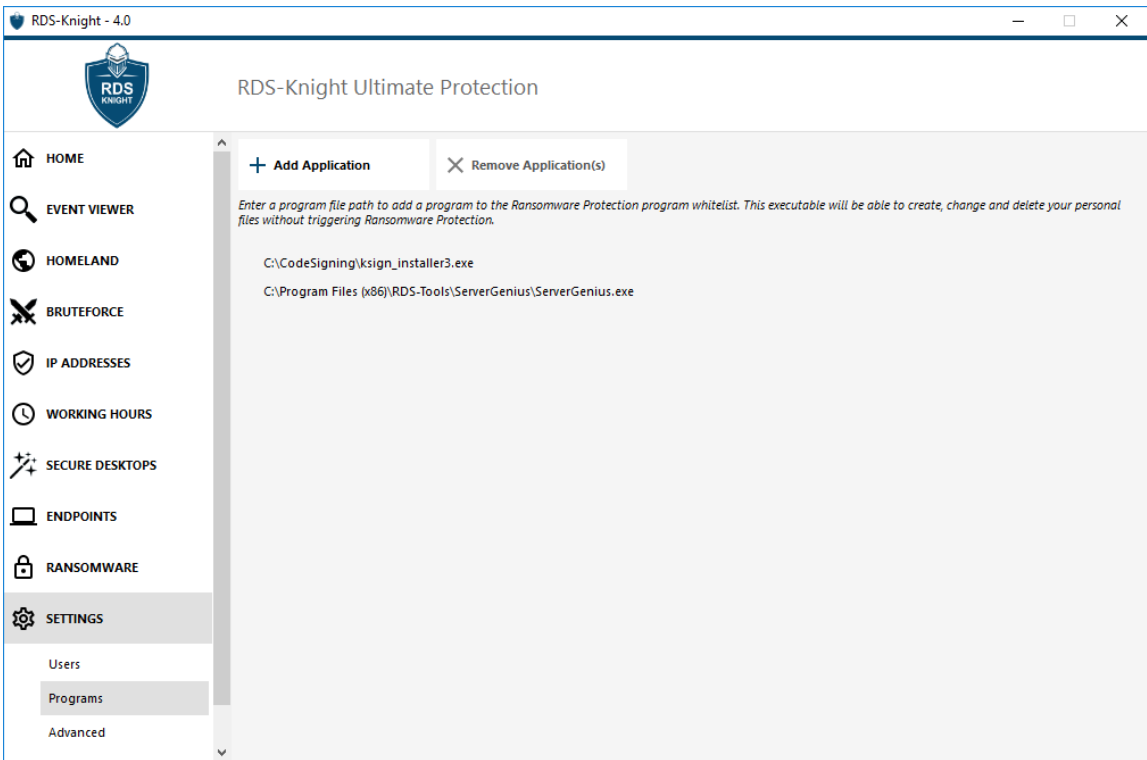
### Key Improvements:

- This new tab is divided in three sections:
  - **Users:** Manage the list of users in RDS-Knight's whitelist.
  - **Programs:** A whitelist where Administrators can create exceptions for specific applications.
  - **Advanced:** A special toolset for advanced administrators. Here you will find tools that go beyond common deployment configurations = For example: Activate BruteForce for HTML5 service, Ignore local & private networks for Homeland, add a Pin Code, etc.



### Benefits for the Administrators:

- **Easy access to all special parameters.**
- **Quick and efficient management** with the option to ignore in one click specific users and programs when configuring RDS-Knight.



RDS-Knight - 4.0

RDS-Knight Ultimate Protection

HOME

EVENT VIEWER

HOMELAND

BRUTEFORCE

IP ADDRESSES

WORKING HOURS

SECURE DESKTOPS

ENDPOINTS

RANSOMWARE

SETTINGS

Users

Programs

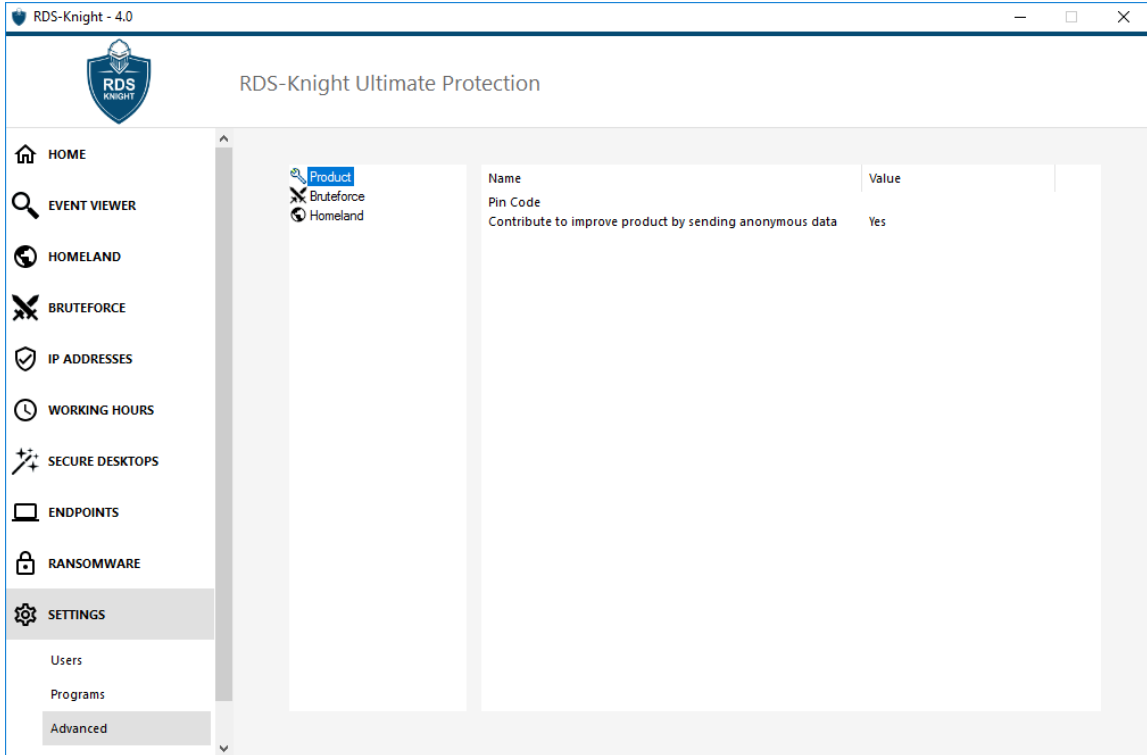
Advanced

+ Add Application    X Remove Application(s)

Enter a program file path to add a program to the Ransomware Protection program whitelist. This executable will be able to create, change and delete your personal files without triggering Ransomware Protection.

C:\CodeSigning\ksign\_installer3.exe

C:\Program Files (x86)\RDS-Tools\ServerGenius\ServerGenius.exe



RDS-Knight - 4.0

RDS-Knight Ultimate Protection

HOME

EVENT VIEWER

HOMELAND

BRUTEFORCE

IP ADDRESSES

WORKING HOURS

SECURE DESKTOPS

ENDPOINTS

RANSOMWARE

SETTINGS

Users

Programs

Advanced

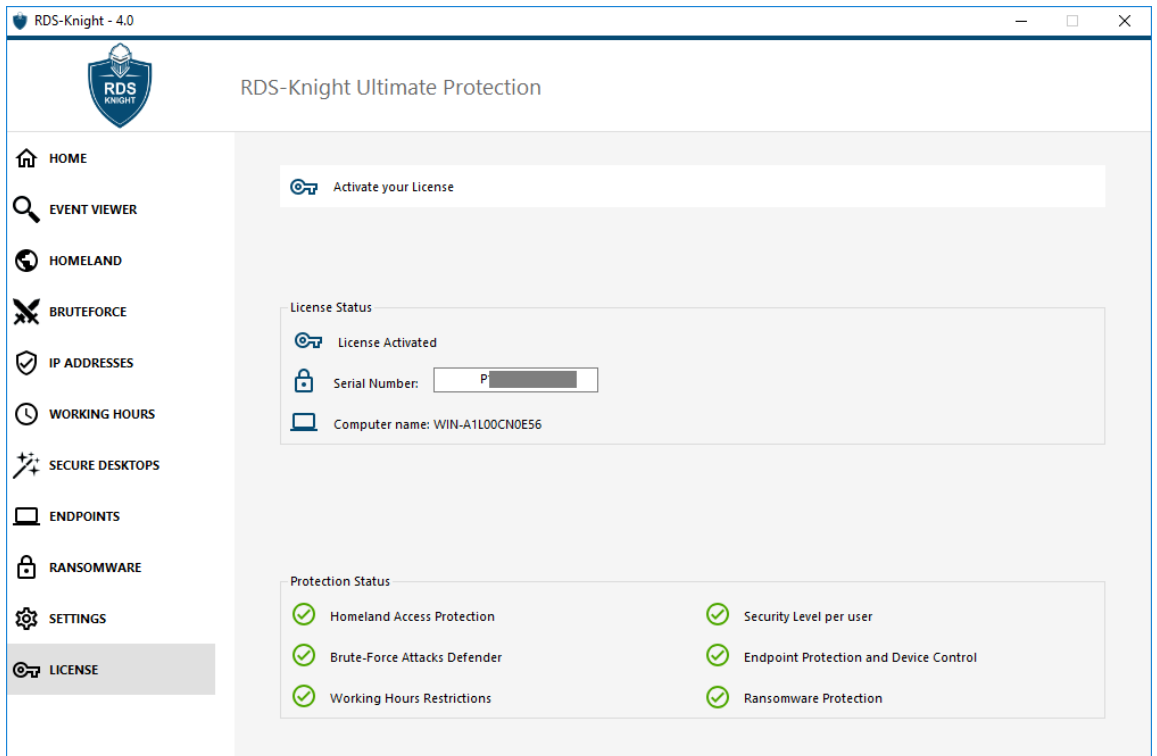
Product	Name	Value
Bruteforce	Pin Code	
Homeland	Contribute to improve product by sending anonymous data	Yes



## The License Tab

### Key Improvements:

- **Everything about licensing** from the Serial Number to the License Activation button.
- Listing of **activated features and protections**.



### Benefits for the Administrators:

- **Improved visibility of RDS-Knight available features.**