



**ČERVENKA  
CONSULTING**

**Červenka Consulting s.r.o.**  
Na Hřebenkách 55  
150 00 Prague  
Czech Republic  
Phone: +420 220 610 018  
E-mail: [cervenka@cervenka.cz](mailto:cervenka@cervenka.cz)  
Web: <http://www.cervenka.cz>

# **ATENA Program Documentation Part 13**

## **Remote Update Instructions for HASP Hardware Key**



Written by  
**Dalimír Stano**

**Prague, 8. 9. 2016**

*Trademarks:*

*ATENA is registered trademark of Vladimir Cervenka.*

*GiD is registered trademark of CIMNE of Barcelona, Spain.*

*Microsoft and Microsoft Windows are registered trademarks of Microsoft Corporation.*

*Other names may be trademarks of their respective owners.*

*Copyright © 2000-2016 Červenka Consulting, s.r.o.*

## CONTENTS

<b>1</b>	<b>INTRODUCTION</b> .....	<b>1</b>
<b>2</b>	<b>COLLECT INFORMATION</b> .....	<b>2</b>
<b>3</b>	<b>APPLY UPDATE</b> .....	<b>5</b>
<b>4</b>	<b>CONVERSION OF HARDLOCK FROM HASP HL TO HASP SRM</b> .....	<b>6</b>

## FIGURES

Fig. 1-1	The most common types of HASP keys .....	1
Fig. 2-1	Remote Update System – Collect Information .....	2
Fig. 2-2	Could not access Sentinel protection key! - Message.....	3
Fig. 2-3	Save *.c2v (“customer to vendor”) key status .....	4
Fig. 3-1	Remote Update System – Apply Update .....	5
Fig. 4-1	HASP HL firmware update utility .....	6



# 1 INTRODUCTION

This document is intended as a guide for **HASP** hardware key (hardlock) remote license update. This process should be performed by **ATENA** users whose current version of **HASP** key does not support the latest ATENA version.

There are three most common types of HASP usb keys:

A) **HASP SRM** – license update should work without any problem on this type.

B) **HASP HL** – firmware has to be updated to be compatible with **HASP SRM**.

Additional instructions are provided in **4 Conversion of Hardlock from HASP HL to HASP SRM**.

C) **HASP 4** – license update is not possible for this type (and all older HASP 4 parallel keys). Please contact us in order to get the current version of **HASP SRM** key.

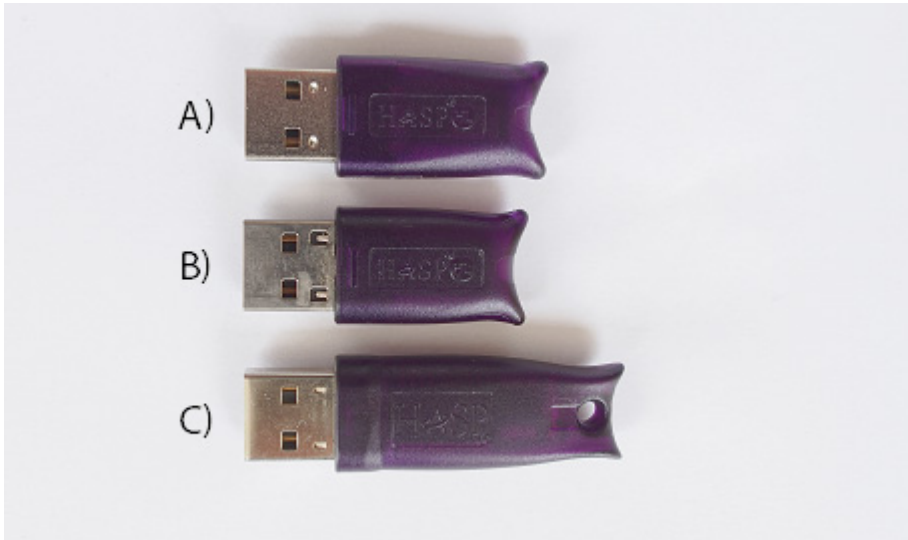


Fig. 1-1 The most common types of HASP keys

First, customer's protection key information collection is handled, followed by instructions for applying update that was generated on the basis of data from customer.

The whole process involves 2 two steps:

(1) The user executes the program **RUS\_MDTKB.exe** to generate a ".c2v" file, which will be sent to [cervenka@cervenka.cz](mailto:cervenka@cervenka.cz)

(2) The user receives from us the file ".v2c", which he applies on his ATENA hardware key by using again the program **RUS\_MDTKB.exe**.

After the process is completed, it should be possible to run the new version of ATENA software on any computer, to which the updated key is connected.

## 2 COLLECT INFORMATION

1. Connect the authorization key for **ATENA** to your computer. Disconnect all other USB keys (if present).
2. Run **RUS\_MDTKB.exe** to launch the **HASP HL RUS** utility.
3. Select the **Collect Key Status Information** tab.
4. Click **Collect information** button:

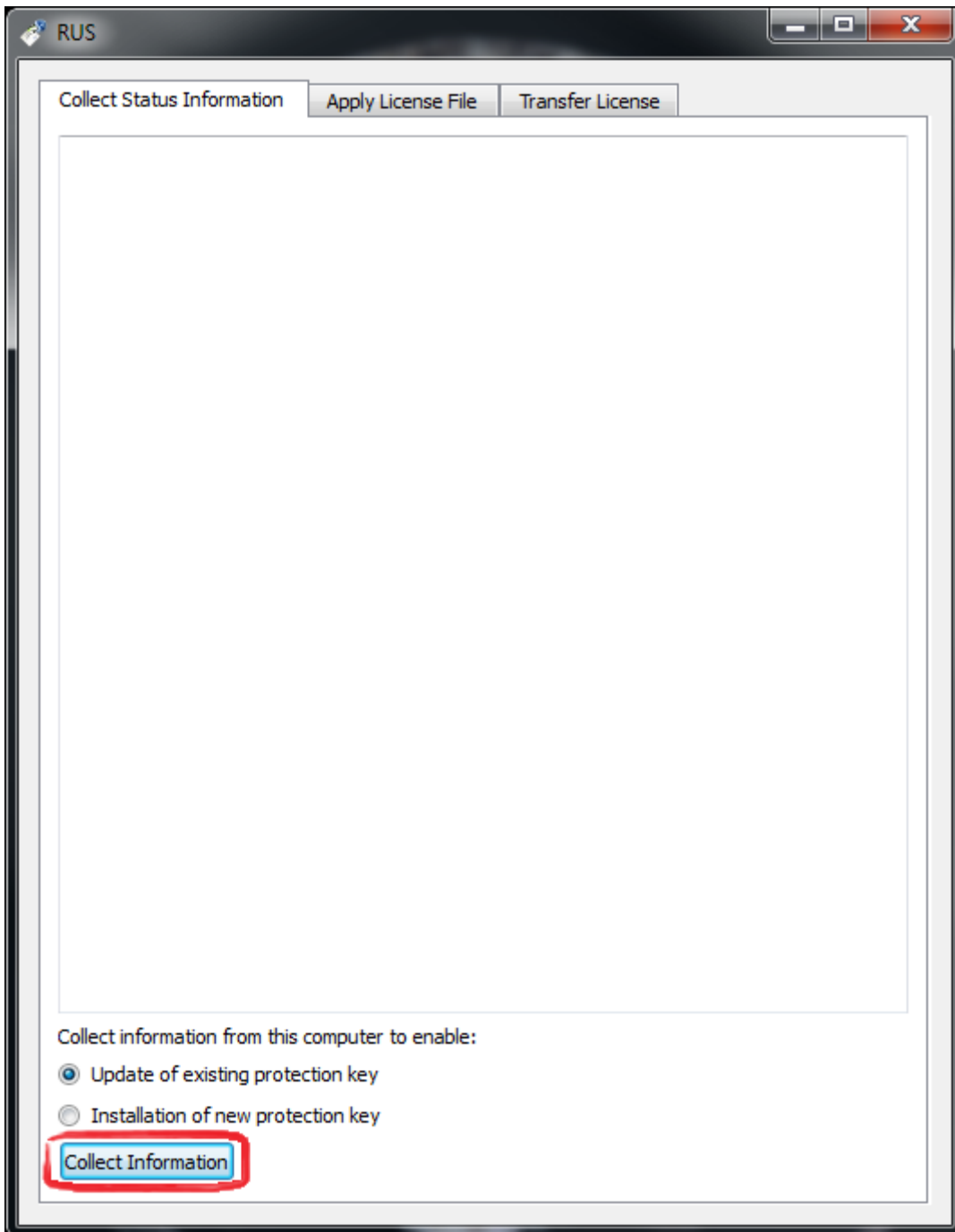


Fig. 2-1 Remote Update System – Collect Information

4.1 If the key status was retrieved from the Sentinel protection key successfully, you can **continue to step 5**.

4.2 If you receive this error message:



**Fig. 2-2 Could not access Sentinel protection key! - Message**

4.2.1 Make sure that your protection key is properly connected to your computer.

4.2.2 You may need to **update** your **HASP HL firmware** to be able to continue.

Additional instructions are provided in **4 Conversion of Hardlock from HASP HL to HASP SRM**.

5. We suggest you use your company name and ATENA User ID(WRXXX) when prompted to save the file:

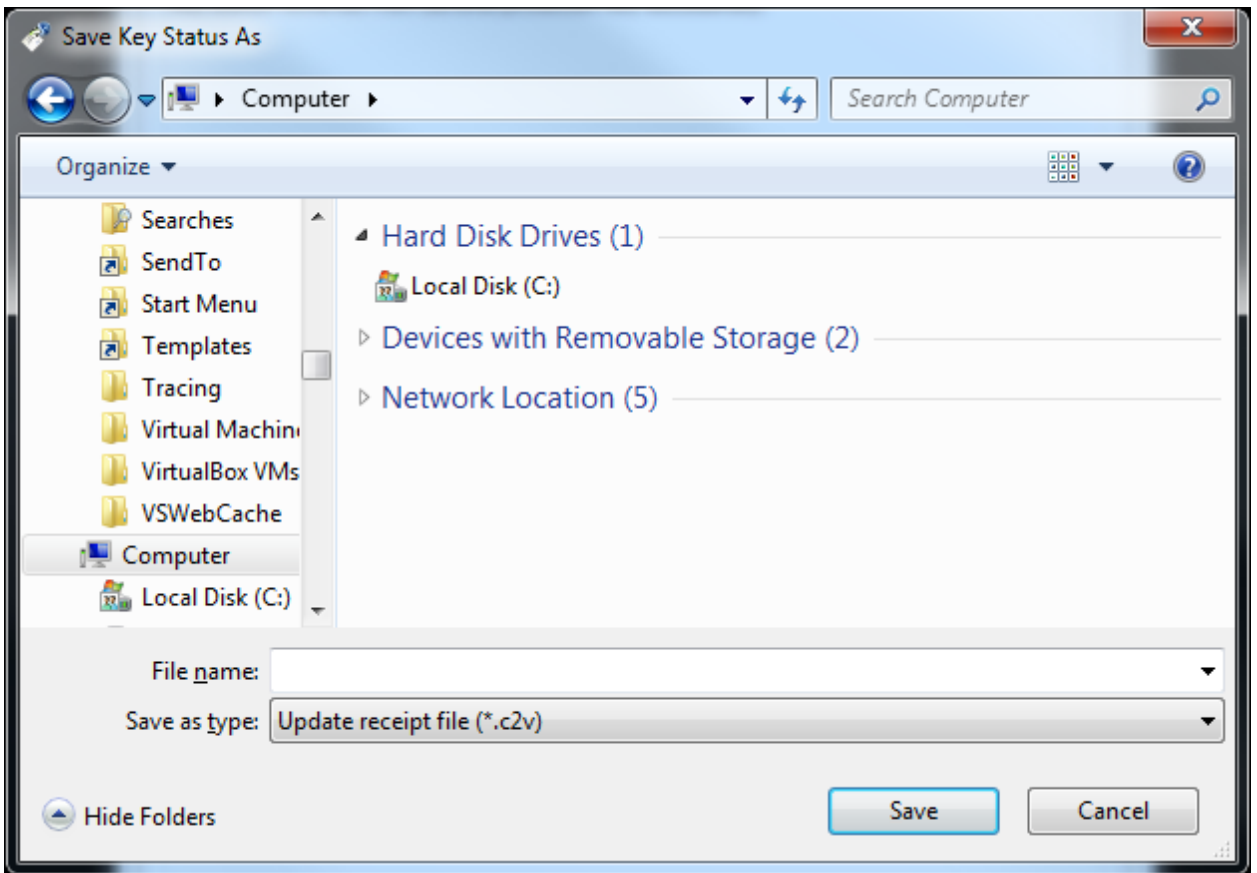


Fig. 2-3 Save \*.c2v ("customer to vendor") key status

6. Send the ".c2v", i.e., "customer to vendor" file to [cervenka@cervenka.cz](mailto:cervenka@cervenka.cz) as an email attachment. Include your ATENA User ID (WR) in the message subject and text.

7. We will prepare a .v2c file, i.e., "vendor to customer" and will send it to you by email.



### 3 APPLY UPDATE

This process should be done after you receive the ".v2c" file from us:

1. Make sure the authorization key is connected to your computer.
2. Run **RUS\_MDTKB.exe** to launch the HASP HL RUS utility.
3. Select the **Apply License File** tab.
4. Browse for update .v2c file you have received from us.
5. Click **Apply update** button:

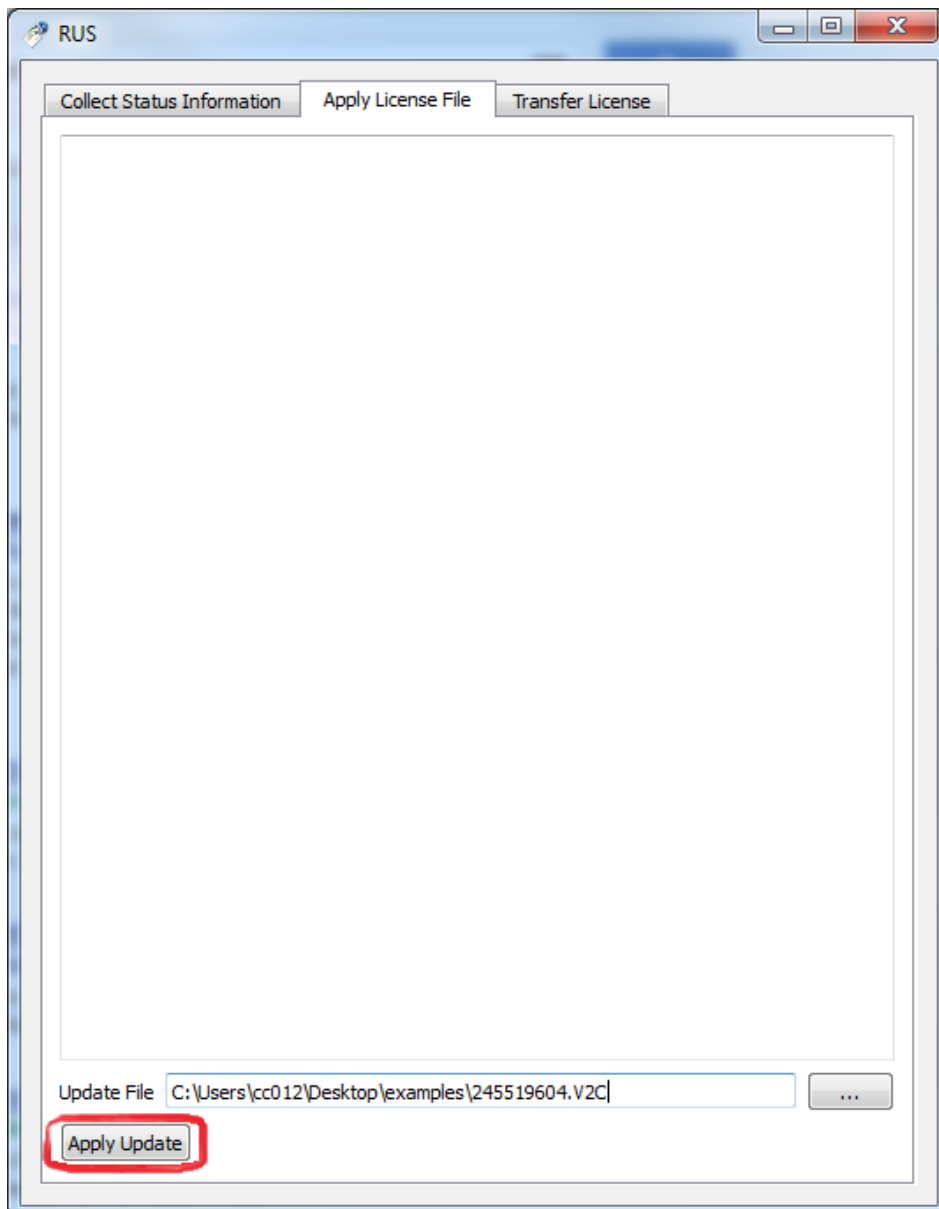


Fig. 3-1 Remote Update System – Apply Update

6. Now it should be possible to run the new version of **ATENA** on any computer, where the updated key is connected.

## 4 CONVERSION OF HARDLOCK FROM HASP HL TO HASP SRM

1. Download the current firmware for HASP HL:

<http://www.cervenka.cz/assets/downloads/atena5/FirmwareUpdate.exe>

or

[http://www.cervenka.cz/assets/downloads/hasp/HASP\\_HL\\_Firmware\\_Update.zip](http://www.cervenka.cz/assets/downloads/hasp/HASP_HL_Firmware_Update.zip)

or

[ftp://ftp.aladdin.com/pub/hasp/Sentinel\\_HASP/Firmware\\_Update/HASP\\_HL\\_Firmware\\_Update.zip](ftp://ftp.aladdin.com/pub/hasp/Sentinel_HASP/Firmware_Update/HASP_HL_Firmware_Update.zip)

2. Click **Apply update** button:



Fig. 4-1 HASP HL firmware update utility