

KEY-ACTIVATION or REMOTE UPDATE OF LICENSE DATA FOR HASP SRM PROTECTION KEYS

KOMPAS-3D V12 is protected by means of HASP SRM protection technology by Aladdin Knowledge Systems. To work with HASP SRM protection keys you are to install **HASP SRM Runtime Environment (RTE)**. HASP SRM RTE is automatically installed during KOMPAS-3D V12 installation. In other cases before working with HASP SRM protection keys you must install HASP SRM RTE manually:

- 1) download actual version of HASP SRM RTE here: <http://sd.ascon.ru/ftp/Public/Utils/HASP%20SRM/driver/>;
- 2) run *haspdinst -i* in command line.

HASP SRM RTE includes the following components:

- HASP SRM protection keys driver and license manager;
- HASP SRM Admin Control Center (ACC) web-based utility for managing the use of KOMPAS-3D V12 and libraries within your organization;
- HASP SRM Remote Update System (RUS) utility.

IMPORTANT! KOMPAS-3D V12 works with HASP HL keys of firmware version 3.21 or 3.25 only! Please, check firmware version of your HASP HL key before updating its license data:

- 1) insert your HASP HL key and wait till it is detected by operating system;
- 2) open *HASP SRM Admin Control Center (ACC)* on page *HASP Keys*: http://localhost:1947/_int_/devices.html
- 3) find your HASP HL key in the table and see its firmware version in the column *Version*.

If firmware version differs from 3.21 or 3.25, you must update it:

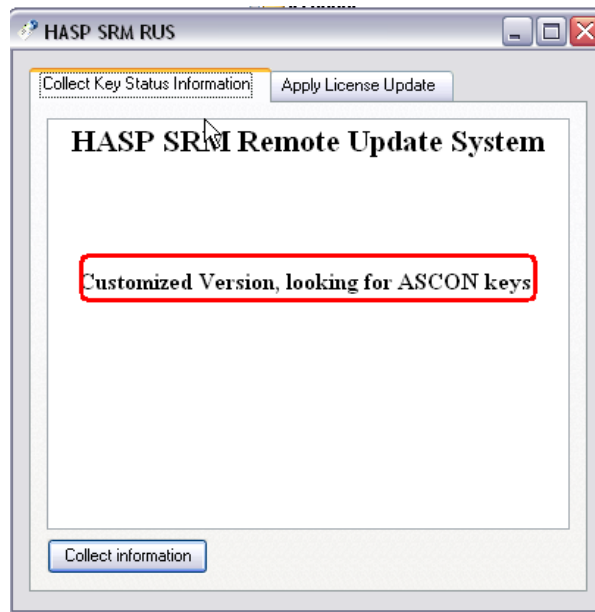
- 1) download HASP SRM Firmware Update utility here: http://sd.ascon.ru/ftp/Public/Utils/HASP%20SRM/firmware_update/;
- 2) run it and press *Apply Update* button. **Do not remove the key during firmware update process!**

LICENSE DATA UPDATING is performed in two stages:

- at first you are to create **customer-to-vendor (C2V) request file** for the HASP SRM protection key to be updated. C2V files have a *.c2v* extension and contain information on the licensing and memory content of the HASP SRM protection keys;
- in return you will get a **vendor-to-customer (V2C) response file** that contains the license update data that should be burnt into the key.

HASP SRM RUS utility is used to implement both stages of updating.

HASP SRM RUS is an advanced utility that enables secure remote updating of the license and memory data of HASP SRM protection keys. **IMPORTANT!** This utility is vendor-customized, so in case of manual HASP SRM RTE installation you are to download and use *only* ASCON-customized version: <http://sd.ascon.ru/ftp/Public/Utils/HASP%20SRM/foreign/hasprusa/>. If you have already installed KOMPAS-3D V12, just go to *Start/Programs/ASCON/KOMPAS-3D V12/Protection key programs/ HASP SRM Remote Update System* to work with HASP SRM RUS:



Picture 1: HASP SRM RUS, ASCON-customized version

HASP SRM RUS window consists of the following tabs:

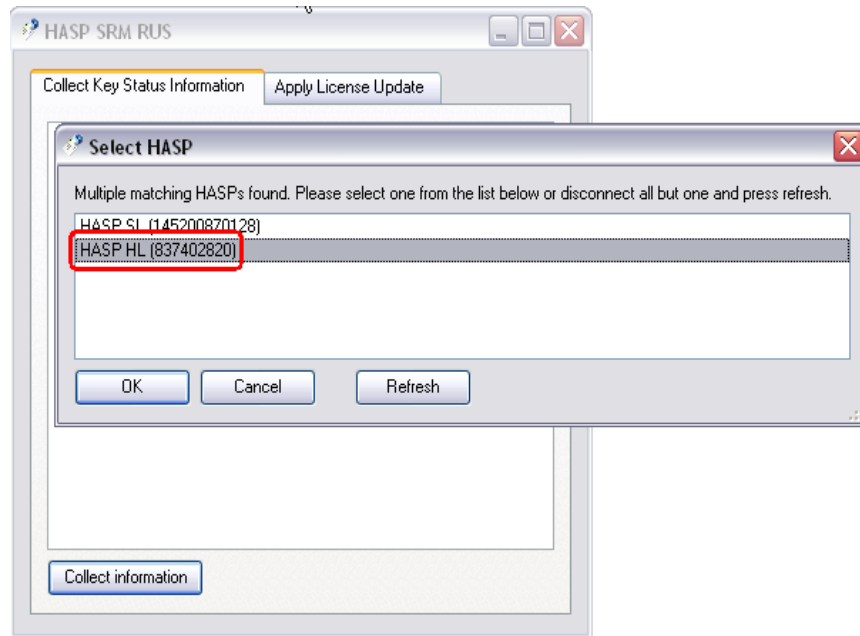
- **Collect Key Status Information** – this tab is used to collect information on the current status of the licenses in the HASP SRM protection key. You are to specify a name and location for the generated C2V file. If more than one HASP SRM protection key is installed, you need to select the required key. No private customer data is included in the C2V file;
- **Apply License Update** – this tab is used to apply a V2C file and update licenses in a HASP SRM protection key.

LICENSE DATA UPDATING, STAGE 1: Collecting HASP SRM Protection Key License Data

You need to use HASP SRM RUS utility to produce a *customer-to-vendor (C2V) request file (*.c2v)* containing information on the current status of the licenses in your HASP SRM protection keys:

- 1) launch the utility: go to *Start/Programs/ASCON/KOMPAS-3D V12/Protection key programs/HASP SRM Remote Update System* or download it at <http://sd.ascon.ru/ftp/Public/Utils/HASP%20SRM/foreign/hasprusa/>. Run the utility on the machine where the needed HASP key is inserted!
- 2) click the *Collect Key Status Information* tab;
- 3) click *Collect Information* button. The *Save key status as* window is displayed;
- 4) specify the directory where you want to store *c2v*-file. Enter a file name and click *Save* button. The *Select HASP* window is displayed;
- 5) select the proper key from the list and click *OK* button.
IMPORTANT! Select only HASP HL (not HASP SL*) key from the list (see *Picture 2: HASP SRM RUS Collecting Information*). If there are several HASP keys in the list, choose the proper key by its ID in brackets. See *HASP SRM Admin Control Center (ACC)* on page *HASP Keys* to understand the needed ID in *HASP Key ID* column: http://localhost:1947/_int_/devices.html.

* HASP SL is automatically installed on the machine during KOMPAS-3D V12 installation. It contains a software license that allows to use the software without a hardware key within 30 days.



Picture 2: HASP SRM RUS Collecting Information

Send this *.c2v-file to contact@ascon.net in order to receive a license update.

LICENSE DATA UPDATING, STAGE 2: Applying an Update

Again, you need to use HASP SRM RUS utility for this stage:

- 1) save *vendor-to-customer response file (*.v2c)* received from ASCON to your computer;
- 2) launch HASP SRM RUS utility: go to *Start/Programs/ASCON/KOMPAS-3D V12/Protection key programs/ HASP SRM Remote Update System* or download it at <http://sd.ascon.ru/ftp/Public/Utils/HASP%20SRM/foreign/hasprusa/>. Run the utility on the machine where the needed HASP key is inserted!
- 3) click the *Apply License Update* tab;
- 4) in the *Update file* field browse to the directory where the update v2c-file is located and select it;
- 5) click *Apply Update* to apply the new license data to your HASP key.

IMPORTANT! Do not disconnect the key during the update!

With any questions, please, contact ASCON Technical Support at support@ascon.net or your Regional Manager.