# Sentinel HASP Licensing Technolo[..]

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|-----------|-------------------------------------|--------------|---------------------|
| State: | public (all) | | |

## Keywords

hasp, srm, summary, usb-key, product key, sentinel, acc

## Problem (public)

Sentinel HASP Protection Technology Summary

## Solution (public)

function sh(num) { obj = document.getElementById("spoiler_"+num); if( obj.style.display == "none" ) { obj.style.display = "block"; } else { obj.style.display = "none"; } }  KOMPAS-3D is protected and licensed by means of [1]Sentinel HASP protection technology.

KOMPAS-3D Business or KOMPAS-3D Home license can be provided on Sentinel Software or Hardware Key:

   SOFTWARE LICENSE is supplied with Product Key.

Product key consists of Latin letters and digits separated by dashes, e.g. 003d411c-7586-4d44-9b3c-cc4012b02ce9
Usually product key is printed on distributive box or sent by email.

Software license activation is described in FAQ article [2]7001157.


   HARDWARE LICENSE is provided on ASCON HL Max DL USB Key.

It can include all types of licenses at the same time (local / network / time / perpetual).
The key can be used for licensing KOMPAS-3D v17 and higher.
In [3]Admin Control Center this key is displayed as Sentinel HL Max Driverless

Hardware license activation is described in FAQ article [4]700483.


[5]Previous-generation hardware keys (delivered before 2018) (click to expand)

   Local Perpetual Key
- Sentinel HL Pro (violet in color)
- Sentinel HL Max (green in color)
- HASP HL Pro (violet in color)
- HASP HL Max (green in color)

KOMPAC-3D will run only on that very computer where this key is connected to.


   Local Time Key
- Sentinel HL Time (black in color)
- HASP HL Time (black in color)

KOMPAC-3D will run only on that very computer where this key is connected to. Licenses are time-limited.

   Network Perpetual Key
- Sentinel HL Net (red in color)
- HASP HL Net (red in color)

This key may be connected to any computer within the network. KOMPAS-3D will run on any computer within the network. Configuring network licenses is described in FAQ-article [6]7001164.

   Network Time Key
- Sentinel HL NetTime (red in color)
- HASP HL NetTime (red in color)

This key may be connected to any computer within the network. KOMPAS-3D will run on any computer within the network. Licenses are time-limited. Configuring network licenses is described in FAQ-article [7]7001164.

Sentinel HASP Run-time Environment (RTE) should be installed on every computer where KOMPAS-3D is used.
Sentinel HASP RTE is automatically installed during KOMPAS-3D installation.
Sentinel HASP RTE can be installed manually as well – see FAQ article [8]700484.

Sentinel HASP RTE includes the following components:
- Sentinel HASP protection keys driver and license manager
- Sentinel HASP [9]Admin Control Center (ACC) – web-based utility to view and manage licenses:


[1] https://cpl.thalesgroup.com/software-monetization/license-development-kit-ldk
[2] https://sd.ascon.ru/otrs/public.pl?Action=PublicFAQZoom;ItemID=1157
[3] http://localhost:1947/_int_/devices.html

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[4] https://sd.ascon.ru/otrs/public.pl?Action=PublicFAQZoom;ItemID=483
[5] javascript:sh(
[6] http://sd.ascon.ru/otrs/public.pl?Action=PublicFAQZoom;ItemID=1164
[7] http://sd.ascon.ru/otrs/public.pl?Action=PublicFAQZoom;ItemID=1164
[8] http://sd.ascon.ru/otrs/public.pl?Action=PublicFAQZoom;ItemID=484
[9] http://localhost:1947/devices.html

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