



VAST Security Station

How to Migrate to VSS

Instruction Manual

For VSS Migration Plan

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Introduction

This document covers the below scenarios and describes the necessary steps to help you migrate your system from VAST 2 to VAST Security Station (VSS). Please read the instructions carefully before starting the system migration.

Scenarios

- [\[Scenario 1\] \(Off-the-Shelf\) Single VAST 2 Server](#)
- [\[Scenario 2\] \(Off-the-Shelf\) VAST 2 CMS Server with VAST 2 Substations](#)
- [\[Scenario 3\] \(Off-the-Shelf\) VAST 2 CMS Server with ND/NV Series NVRs](#)
- [\[Scenario 4\] \(Off-the-Shelf\) VAST 2 CMS Server with NR Series NVRs](#)

Important Notice

- VSS only supports 64-bit OS and only has 64-bit installation files. Please change to the 64-bit version before the migration.
- VSS only supports software licenses. Dongle licenses need to be changed to software licenses before the migration.
- VSS v.1.0 release does not support running on a Virtual Machine. For Virtual Machine users, please put the migration on hold until VSS v1.1 release (2023 Q3) or change to a physical machine before the migration.
- The product edition of VAST 2 NR-v2 Series NVRs will become VSS Professional directly after the migration and cannot be changed to VSS Standard.
- For NS9521 and NS9521-AI users, please put the migration on hold until VSS v1.1. release (2023 Q3).
- The migration of VAST 1 and VAST 1 NR Series NVRs are not supported and will not be covered in this document.



Prerequisites

For all scenarios, please make sure that you complete the planning steps and meet the prerequisites before the system migration.

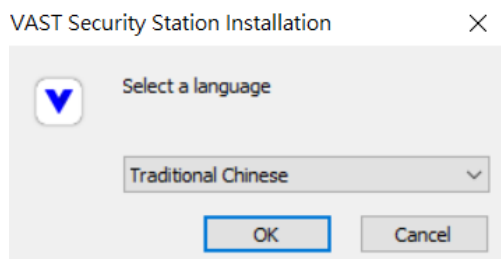
1. Back up current VAST 2 configuration and export license REQ files.
 - 1.1 How to back up configuration of VAST 2 ([Instructions](#))
 - 1.2 How to back up licenses REQ files of VAST 2 ([Instructions](#))
2. Download VAST 2 v2.13 installation file ([Download](#)) and upgrade to VAST 2 v2.13.
3. Activate all the VAST 2 License
 - 3.1 The original complimentary licenses will need to be activated using the new activation process when upgrading from v2.12 or earlier versions to v2.13 ([Instructions](#)). Purchased camera licenses that have been already activated in v2.12 or previous version do not need to re-activate them using the new activation process.
 - 3.2 The camera list, recordings, and most of the settings will be kept after upgrading from VAST 2 to VSS. However, your VAST 2 camera licenses will become invalid and need to activate VSS camera licenses due to the change of license mechanism.
4. Transfer license from [VSS migration website](#)
 - 4.1 Refers to the [VSS Migration Application Guide](#) for License calculation example
5. Download VSS v1.0 installation file ([Download](#)) and follow below scenarios of the software upgrade and license activation instructions based on your system deployment.

[Scenario 1] (Off-the-Shelf) Single VAST 2 Server

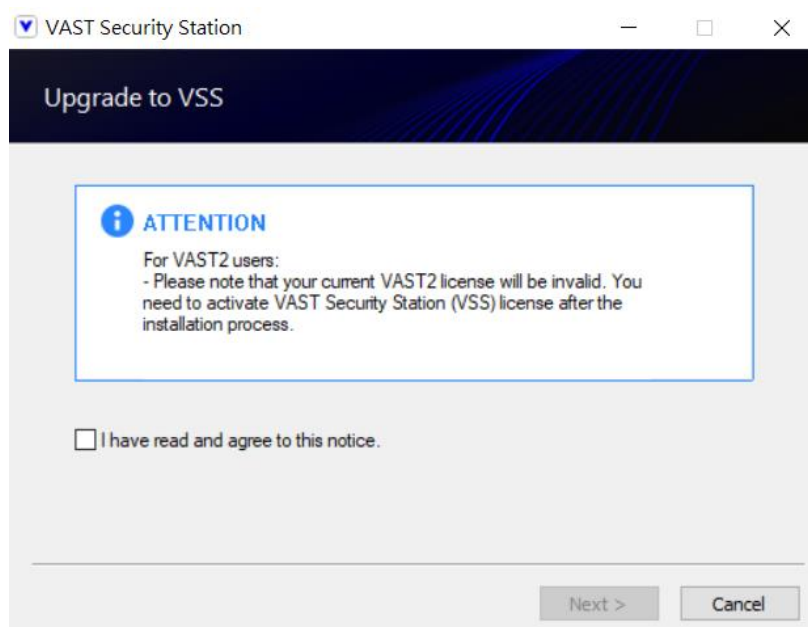
Software Upgrade

Step 1: Run VSS setup.exe

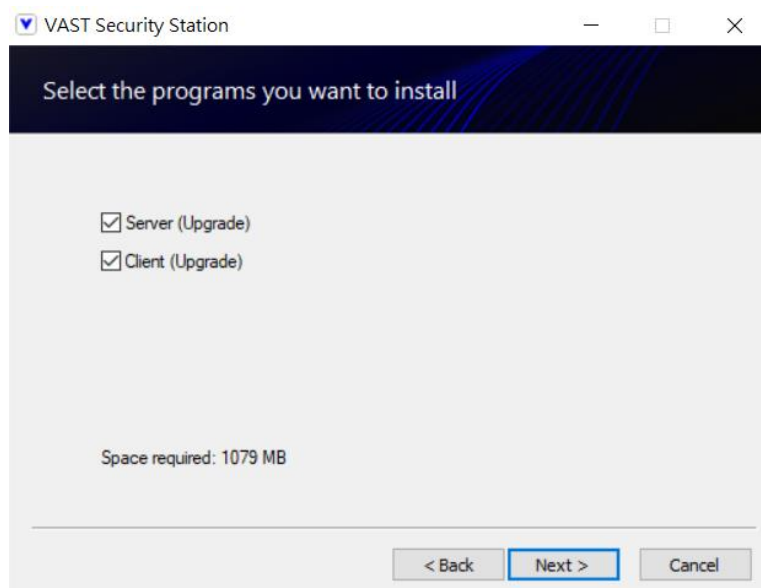
1.1 Select a language



1.2 Read and agree to the notice for VAST 2 v2.13 users. Check the box and click Next > to continue



1.3 Select the programs you want to install and click Next > to continue



1.4 Enter the user name and password and click Next > to continue

1.5 The upgrade process is completed

Step 2: Log in

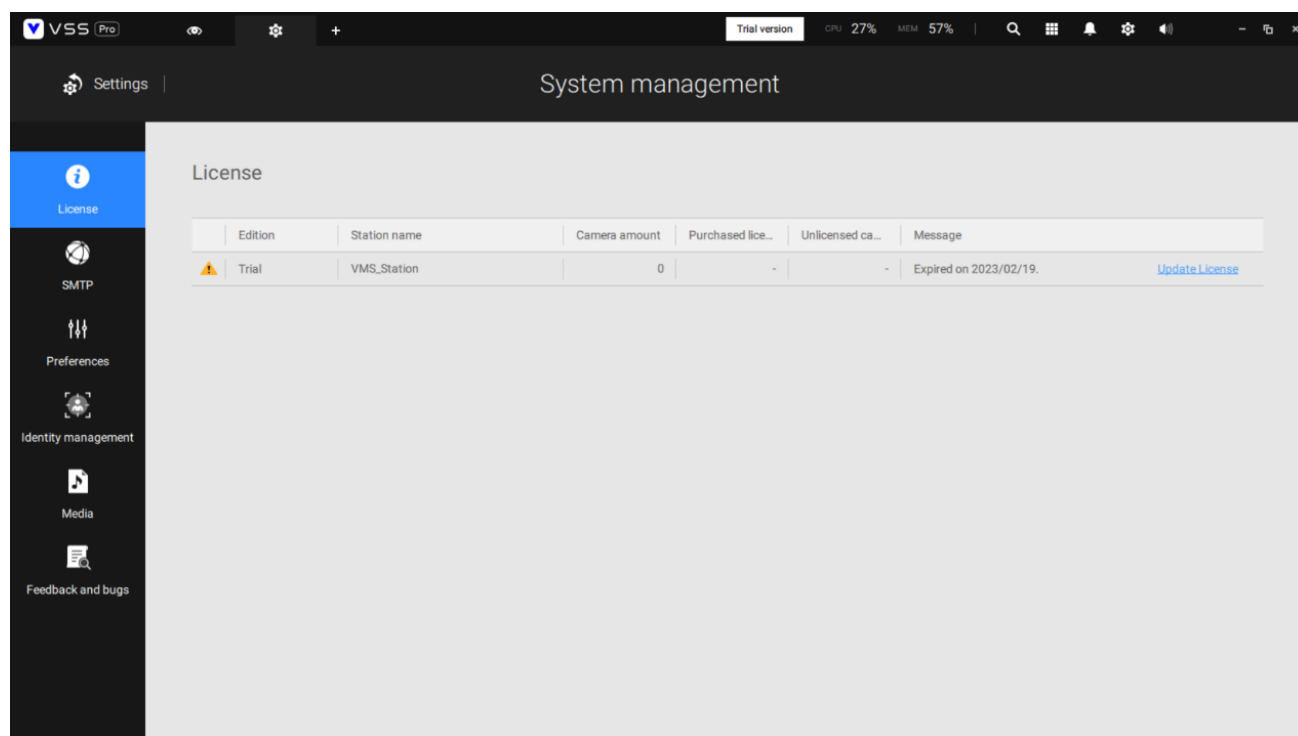
2.1 Log in to VSS server

2.2 60-day trial for VSS Professional will start automatically. You can either click Go to license page to activate license or click Start trial to keep using trial version

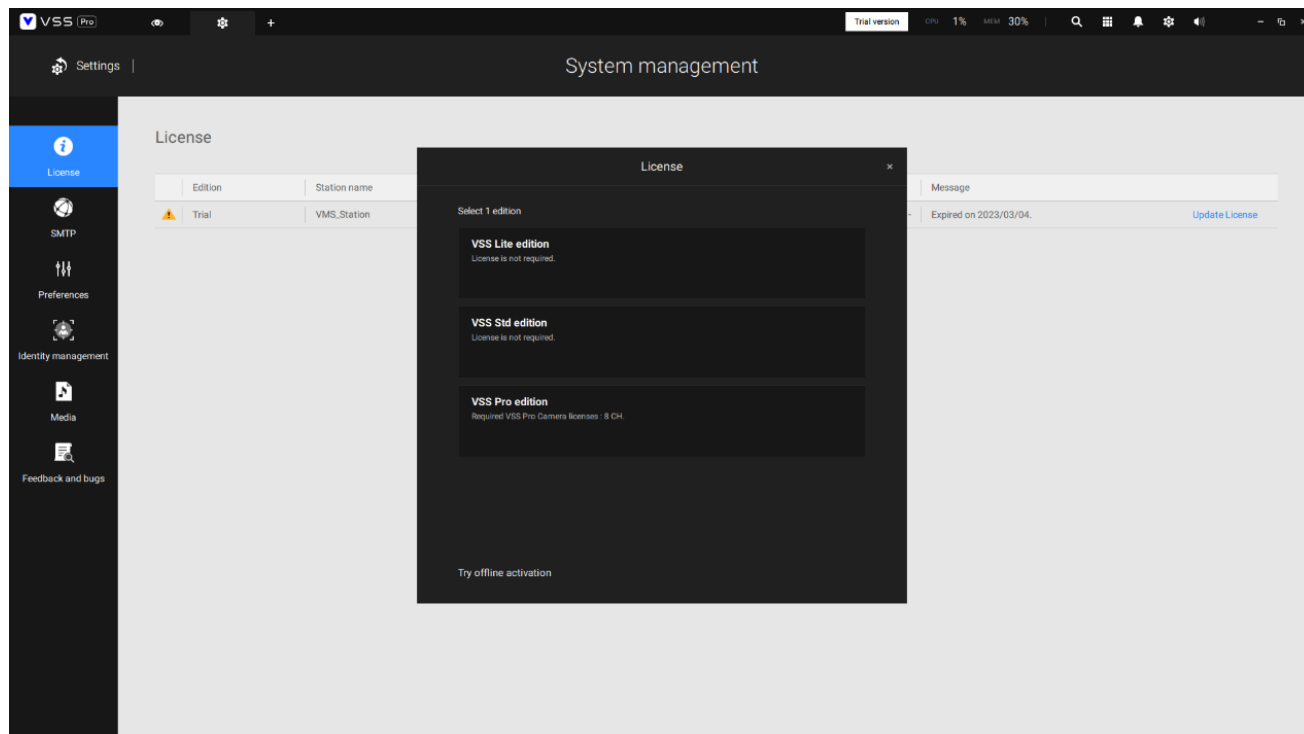
License Activation by License File

Step 1: Import License

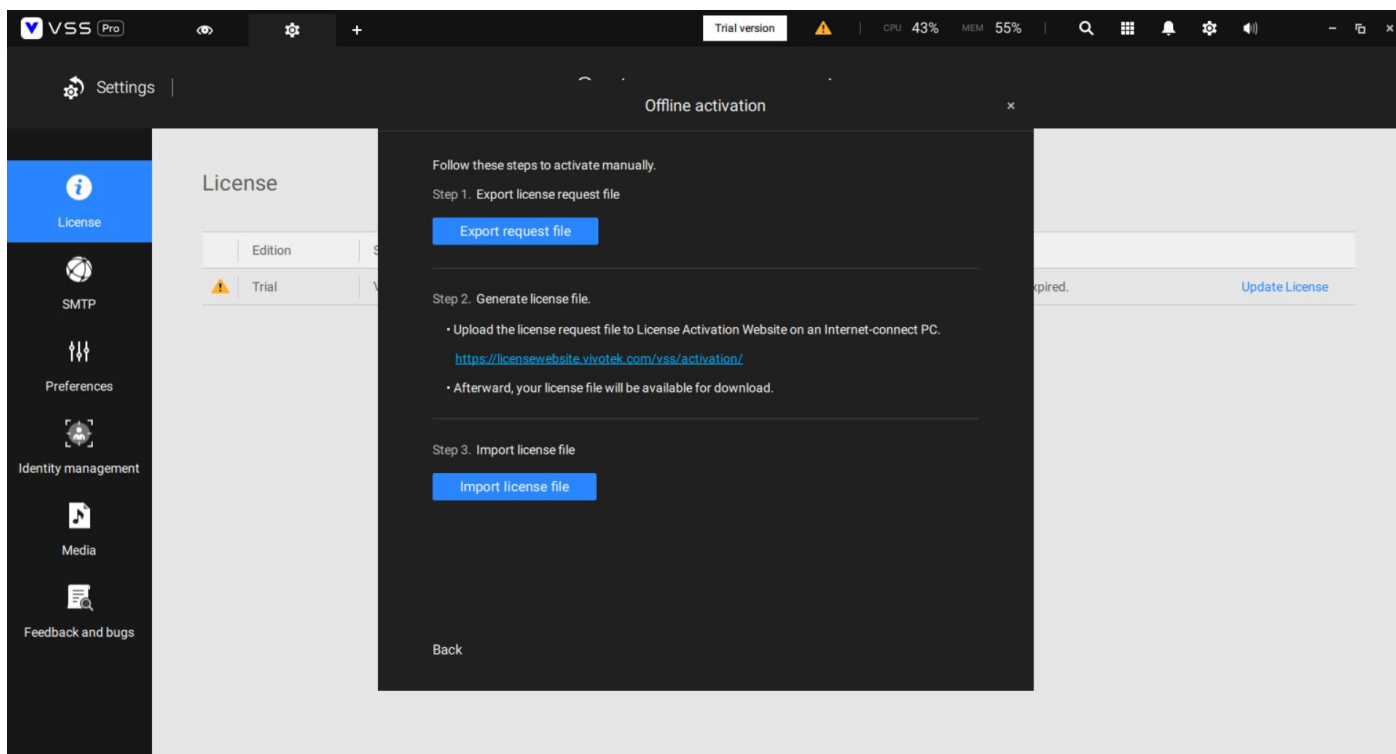
1.1 Go to Settings > System > License and click [Update License](#)



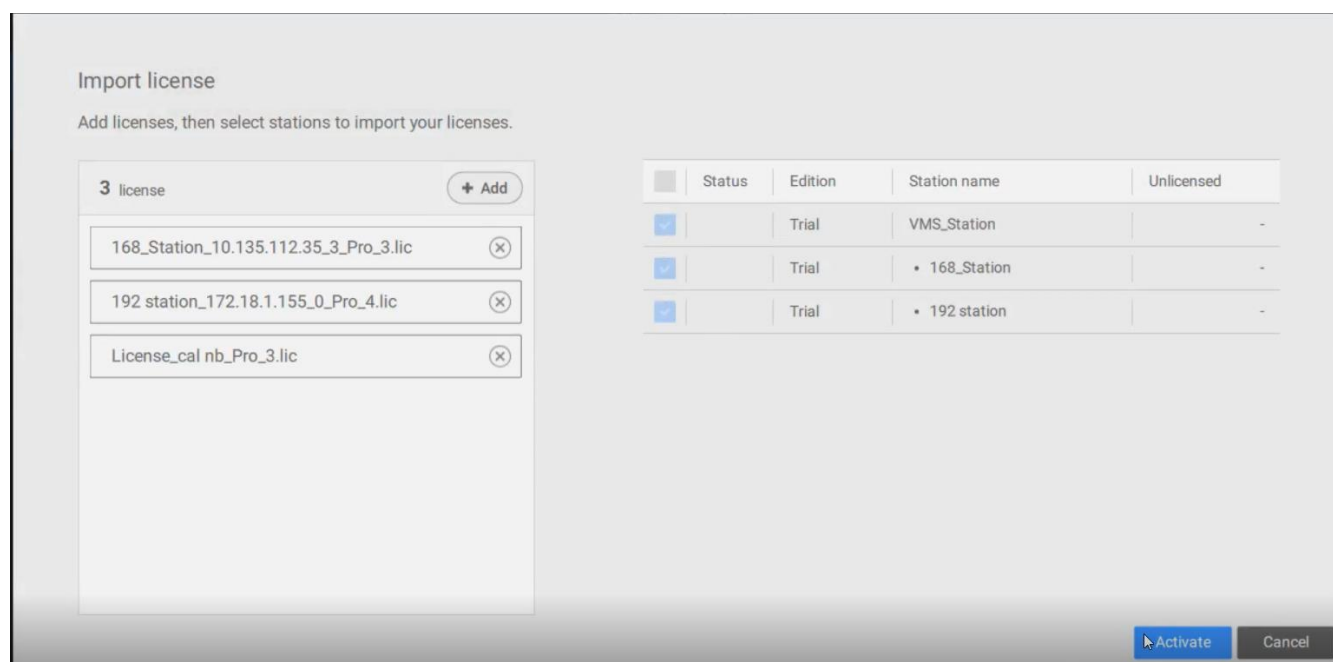
1.2 Click Try Offline Activation

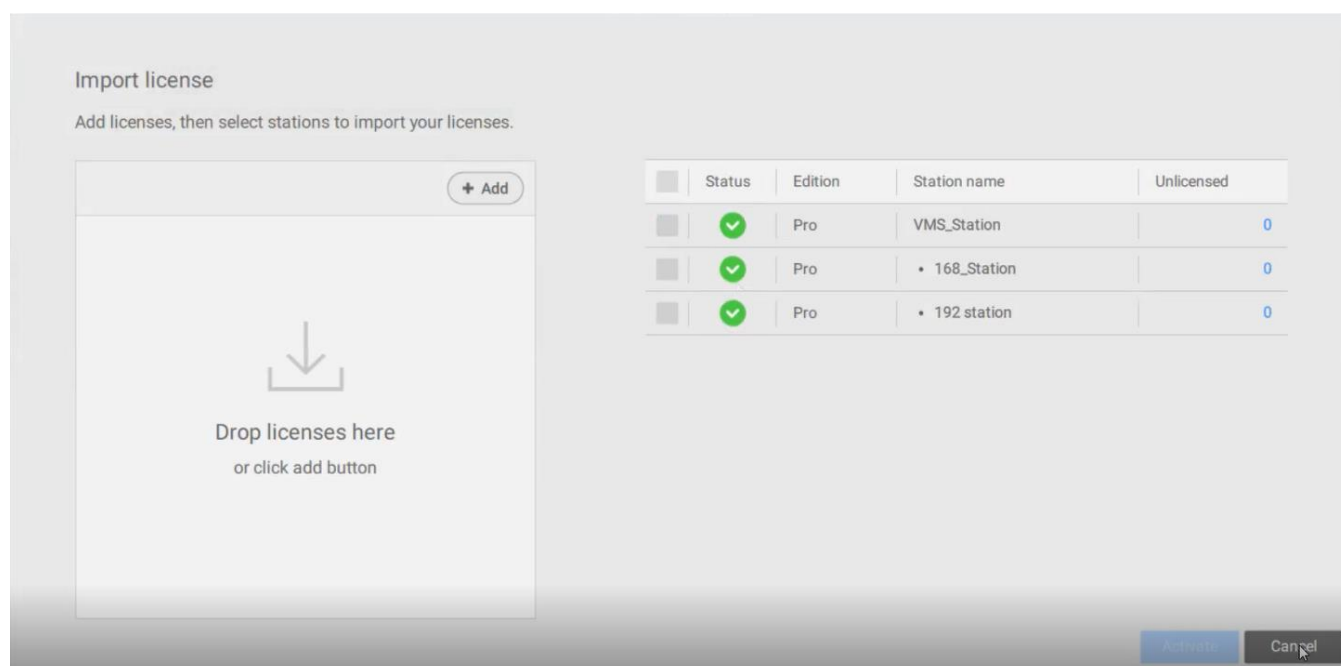


1.3 Click Import License File



1.4 Add License File (.lic) from [VSS License Migration Website](https://licensewebsite.vivotek.com/vss/activation/) and Activate the License.





[Scenario 2] (Off-the-Shelf) VAST 2 CMS Server with VAST 2 Substations

Software Upgrade

Follow the upgrade instructions in [\[Scenario 1\] \(Off-the-Shelf\) Single VAST 2 Server](#) to upgrade VAST 2 v2.13 CMS server first and then substations to VSS trial version respectively.

License Activation by License File

Follow the upgrade instructions in [\[Scenario 1\] \(Off-the-Shelf\) Single VAST 2 Server](#) to activate the license.

[Scenario 3] (Off-the-Shelf) VAST 2 CMS Server with ND/NV Series NVRs

Software Upgrade

Follow the upgrade instructions in [\[Scenario 1\] \(Off-the-Shelf\) Single VAST 2 Server](#) to upgrade VAST 2 v2.13 CMS server to VSS.

License Activation by License File

Follow the upgrade instructions in [\[Scenario 1\] \(Off-the-Shelf\) Single VAST 2 Server](#) to activate the license.

[Scenario 4] (Off-the-Shelf) VAST 2 CMS Server with NR Series NVRs

NR Supported Models

- NR9581-v2
- NR9681-v2
- NR9682-v2
- NR9782-v2

Software Upgrade

1. Follow the upgrade instructions in [\[Scenario 1\] \(Off-the-Shelf\) Single VAST 2 Server](#) to upgrade VAST 2 v2.13 CMS server first and the NR series NVRs to VSS trial version respectively.
2. Back up VSS configuration and export REQ files for NR series NVRs every time you purchase and activate new licenses.

License Activation

1. For VSS CMS Server, follow the upgrade instructions in [\[Scenario 1\] \(Off-the-Shelf\) Single VAST 2 Server](#) to activate the license.
2. For NR-series NVRs, during the VSS upgrade process, the original built-in VAST 2 Camera Licenses will be converted to VSS Pro Camera Licenses automatically.

Important Notice

Please note that this is a software upgrade so resetting to default will recover the image in SATA-DOM to the original VAST 2 version for NR series NVRs, including the converted licenses. However, you can upgrade to VSS anytime by re-doing the above upgrade process. If you have extra purchased VSS Pro Embedded NVR-Camera Licenses, please follow the below instructions: Reach out to your distributor or regional VIVOTEK sales representative > Provide the exported REQ files > Ask for the corresponding license LIC file > Import the LIC files.

