

# Migration from Unlimited to normal licenses

Unimus licensing works on a few simple principles:

- you purchase licenses onto your Unimus Portal account
- you assign licenses available on your account into your license keys
- assigned licenses on all license keys can not outnumber the total licenses available on your account
- you can not add more devices to an Unimus instance using a license key than there are licenses assigned to that key
- an Unimus instance using a license key with more used licenses than assigned licenses will be license-locked

When an Unlimited license expires (or you downgraded to a lower license tier), the total number of available licenses on your account decreases. This in turn will cause the licenses assigned into each license key to decrease, and can cause a license key to have more used licenses than there are assigned licenses for that key.

This situation will cause any Unimus instances using the affected license key to go into a license-locked state.  
(as per point 5. of the above list)

## How to migrate from Unlimited license

The easiest way to make sure license downgrades are handled smoothly is to make sure that the total number of used licenses across all license keys does not exceed the number of available licenses on your account after the Unlimited license expires.

You can decrease the licenses usage by:

- deleting devices from any of your Unimus instances
- deleting license keys from your account - since deleting a license key will free its assigned licenses  
(this will cause any Unimus instances using this license key to be license-locked due to a deleted / non-existing key)

If there is enough licenses available on the account after downgrade to satisfy license usage on all license keys, all deployed Unimus instances will continue to function properly after the license downgrade.

## How to recover a license-locked Unimus instance

If your Unlimited license already expired (or a downgrade already took place), your Unimus instances might become license-locked if there is not enough licenses on your account.

Depending on how many licenses and license keys you have on your account, there are many options how to recover from this state. However, the point is always to have more assigned licenses than used licenses on any license key that the Unimus instances you want to recover use.

You can achieve this by:

- un-assigning licenses from some license keys and re-assigning them to other license keys
- deleting license keys from your account - since deleting a license key will free its assigned licenses  
(this will cause any Unimus instances using this license key to be license-locked due to a deleted / non-existing key)
- purchasing additional licenses to cover your license needs on your account

Should you simply want to start-over, you can delete all license keys on your account, and create new license keys with proper license assignment.

This will cause any Unimus instances using the deleted license keys to be license-locked due to a deleted key, but you can provide a new license key to those Unimus instances.

(WARNING: devices present in an Unimus instance are linked to its license key, so switching the license key to a new one will cause that Unimus instance to delete all devices added to that Unimus instance)

Finally, if none of the above steps are appropriate for your situation, you can always contact our support to solve your licensing issues. We will be happy to help you with any licensing-related questions.