

# Software Upgrade - How to make a software upgrade of 2N® Access Commander

The upgrade of Access Commander should always be done incrementally, with each upgrade being made to the next sequential version, rather than jumping from a very old version to the latest one. Upgrades between versions are usually performed online via the "Settings" section of Access Commander's web interface. The exception to this is the upgrade between version 1.9.1 and 1.10.0. This step involves some fundamental changes to the Linux operating environment, so this upgrade is only possible offline by a parallel deployment of the new version. Upgrade from the version 1.10.0 of Access Commander to newer versions is once again possible online via the web interface.

The table shows it in graphical way :

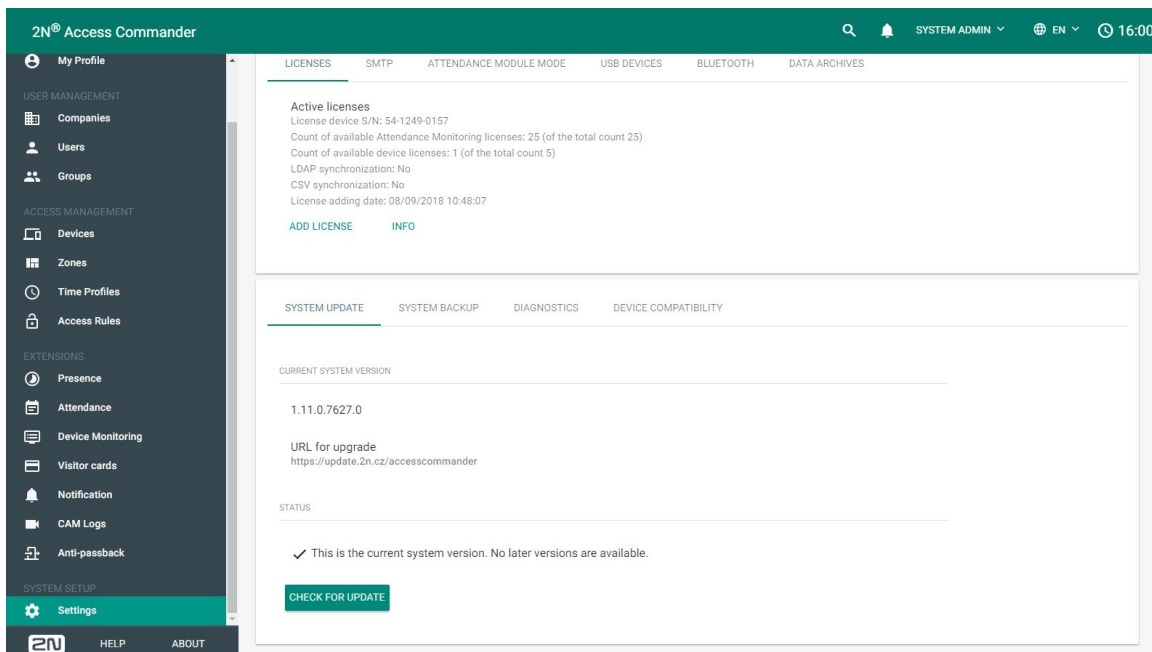
Upgrade from -----> to version	type of upgrade, article number
1.10.x -----> higher	online - 1
1.9.1 -----> 1.10.x	OFFLINE - 2
1.7.2 -----> 1.9.1	online - 3

1 - Upgrade procedure from 1.10.0 to higher version - online

Login to 2N® Access Commander via web interface.

Go to section Settings.

In status section will be notification about available upgrade - you can read what is new in this version



The screenshot shows the 2N Access Commander web interface. The top navigation bar includes 'LICENCES', 'SMTP', 'ATTENDANCE MODULE MODE', 'USB DEVICES', 'BLUETOOTH', and 'DATA ARCHIVES'. The left sidebar is expanded to 'Settings' under 'SYSTEM SETUP'. The main content area shows the 'SYSTEM UPDATE' section with the following information:

- CURRENT SYSTEM VERSION:** 1.11.0.7627.0
- URL for upgrade:** <https://update.2n.cz/accesscommander>
- STATUS:** ✓ This is the current system version. No later versions are available.
- Buttons:** 'CHECK FOR UPDATE' (highlighted in green), 'ADD LICENSE', and 'INFO'.

## 2 - Upgrade procedure from 1.9.1 to 1.10.0:

Due to the transition from Linux Debian version 7 to version 9, the ONLINE UPGRADE from 2N® Access Commander version 1.9.1 to the version 1.10.0 is NOT AVAILABLE. However, you may easily upgrade your system to the latest version following way:

- (1) Run your existing 2N® Access Commander system version 1.9.1 as usual
- (2) Go to the administration console of (1) and enable the SSH connection. Root password change might be requested.
- (3) Install a fresh new 2N® Access Commander system version 1.10.0
- (4) Go to the administration console of (3), login as root (default pass '2n', change required) and choose 'Backup and restore - Import configuration from another Access Commander'
- (5) Enter the IP address and root login credentials of (1)
- (6) The complete configuration backup gets uploaded to the new 2N® Access Commander, the originating system gets suspended
- (7) Keep using (3), uninstall (1).

How-to: [Software Upgrade from Access Commander 1.9.1 to Access Commander 1.10](#)

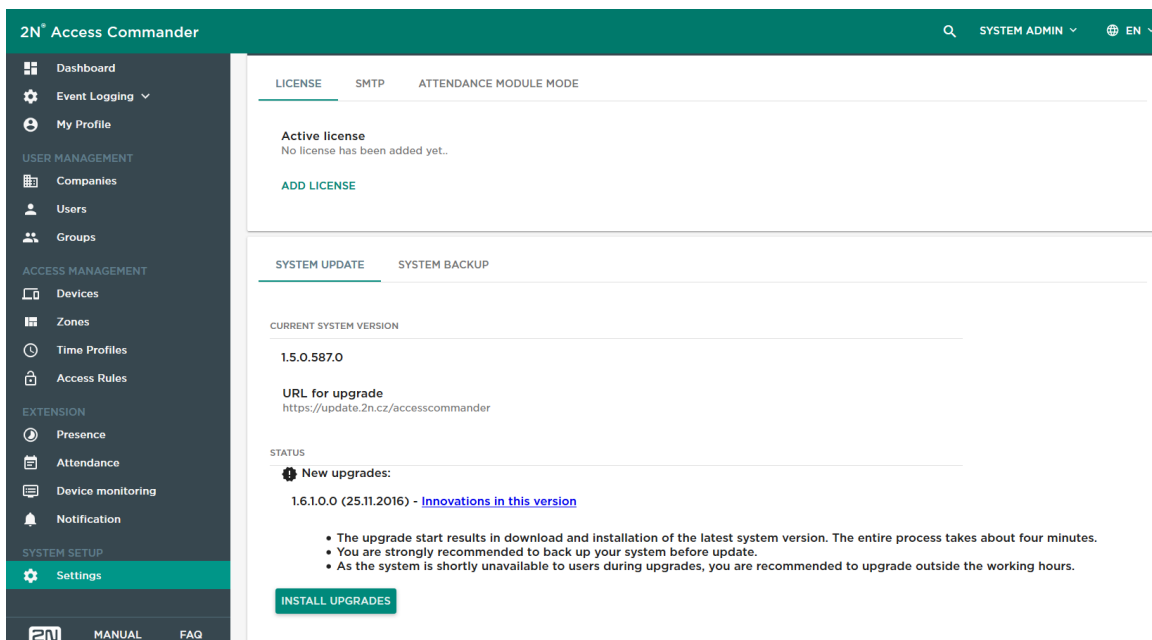
## 3 - Upgrade procedure up to 1.9.1 :

Login to 2N® Access Commander via web interface.

Go to section Settings.

In status section will be notification about available upgrade - you can read what is new in this version

- The upgrade start results in download and installation of the latest system version. The entire process takes about four minutes.
- You are strongly recommended to back up your system before update.
- As the system is shortly unavailable to users during upgrades, you are recommended to upgrade outside the working hours.



The screenshot shows the 2N Access Commander web interface. The top navigation bar includes '2N Access Commander', a search icon, 'SYSTEM ADMIN', and 'EN'. The left sidebar contains various menu items: Dashboard, Event Logging, My Profile, USER MANAGEMENT (Companies, Users, Groups), ACCESS MANAGEMENT (Devices, Zones, Time Profiles, Access Rules), EXTENSION (Presence, Attendance, Device monitoring, Notification), and SYSTEM SETUP (Settings). The main content area is titled 'LICENSE SMTP ATTENDANCE MODULE MODE'. Under 'LICENSE', it shows 'Active license' with the message 'No license has been added yet..' and an 'ADD LICENSE' button. Below this, the 'SYSTEM UPDATE' section is active, showing 'CURRENT SYSTEM VERSION' as '1.5.0.587.0' and 'URL for upgrade' as 'https://update.2n.cz/accesscommander'. A 'STATUS' section indicates 'New upgrades:' with a notification for '1.6.1.0.0 (25.11.2016) - Innovations in this version'. A list of upgrade instructions is provided: 'The upgrade start results in download and installation of the latest system version. The entire process takes about four minutes.', 'You are strongly recommended to back up your system before update.', and 'As the system is shortly unavailable to users during upgrades, you are recommended to upgrade outside the working hours.' An 'INSTALL UPGRADES' button is located at the bottom of the notification area.

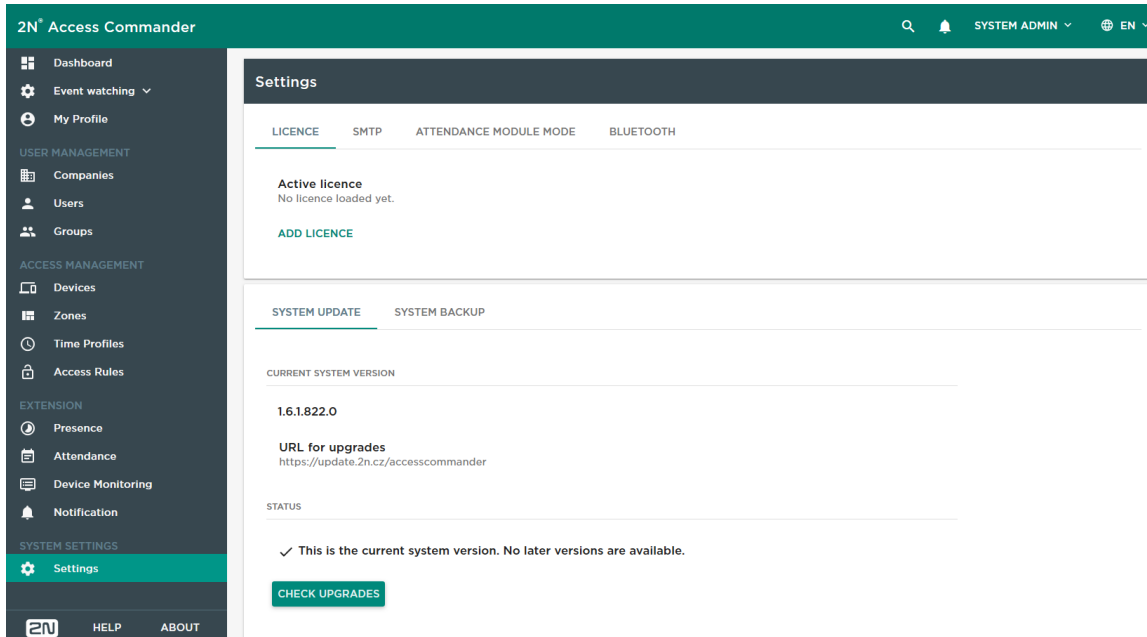
# Upgrade



## Preparation of upgrade for version 1.6.1.0.0



System upgrade will start within one minute.



The screenshot shows the 'Settings' page in the 2N Access Commander interface. The page is divided into several sections:

- LICENCE**: Shows 'Active licence' with the message 'No licence loaded yet.' and a button labeled 'ADD LICENCE'.
- SYSTEM UPDATE**: Shows the 'CURRENT SYSTEM VERSION' as '1.6.1.822.0'. Below this, it lists the 'URL for upgrades' as 'https://update.2n.cz/accesscommander'. The 'STATUS' section indicates 'This is the current system version. No later versions are available.' and includes a 'CHECK UPGRADES' button.

The left sidebar contains navigation options such as Dashboard, My Profile, USER MANAGEMENT (Companies, Users, Groups), ACCESS MANAGEMENT (Devices, Zones, Time Profiles, Access Rules), EXTENSION (Presence, Attendance, Device Monitoring, Notification), and SYSTEM SETTINGS (Settings).