# ZEISS IOLMaster 700 cybersecurity update (“PrintNightmare”)

Seeing beyond

# ZEISS IOLMaster 700 cybersecurity update (“PrintNightmare”)

Please note: This document does not replace the user manual which is delivered with the device.

## About the update

“PrintNightmare” is a vulnerability affecting Microsoft Windows operating systems. According to Microsoft, “a remote code execution vulnerability exists when the Windows Print Spooler service improperly performs privileged file operations. An attacker who successfully exploited this vulnerability could run arbitrary code with SYSTEM privileges. An attacker could then install programs; view, change, or delete data; or create new accounts with full user rights.“

“PrintNightmare” does not affect the safety and performance of the ZEISS IOLMaster 700. Nevertheless, ZEISS would like to offer you an update for your device to fix the “PrintNightmare” vulnerability.

## Required storage media

You will need an empty USB flash drive with at least 2 GB of storage capacity to download the update file to prior to installation.

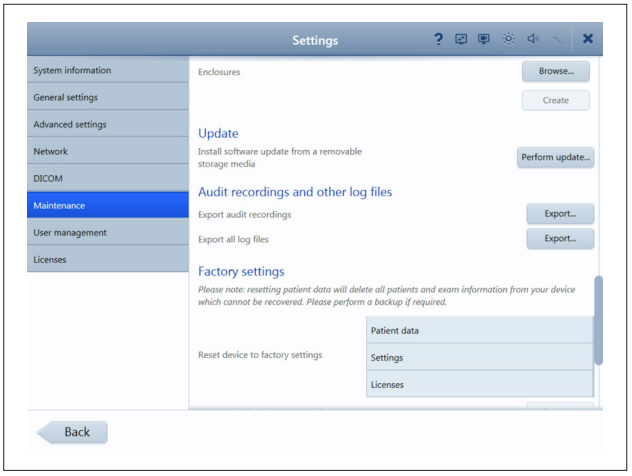
## Preparation

- Download the following file to the root directory of your USB flash drive:
  - 000000-2485-398_Vs01_IOLMaster700UpdateOperatingSystem.upt

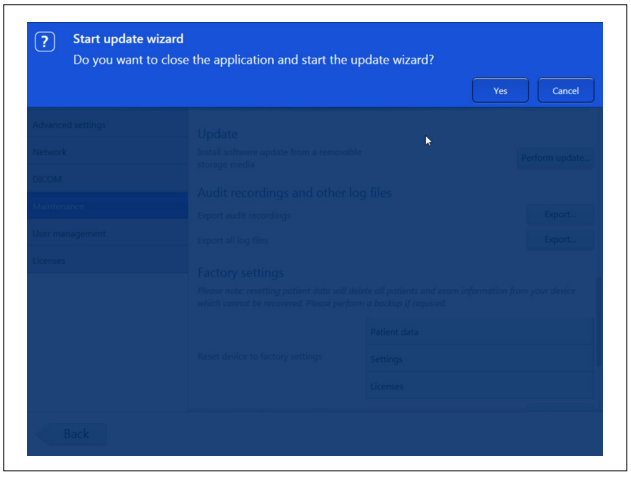
# How to update your ZEISS IOLMaster 700

1. Switch OFF your IOLMaster.
2. Switch ON your IOLMaster.
3. Go to the login screen.
4. Log in as “Administrator”.

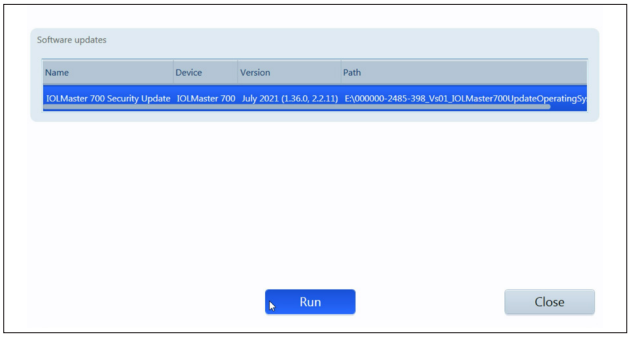
5. Connect the USB drive containing the software update file to the IOLMaster.




6. Go to “Settings” (wrench symbol).
7. Go to “Maintenance”.
8. Scroll down to the update section.
9. Click “Perform update”.




10. Initiate the update by clicking “Yes” in the pop-up window.
    **NOTE:** This may take up to a minute.

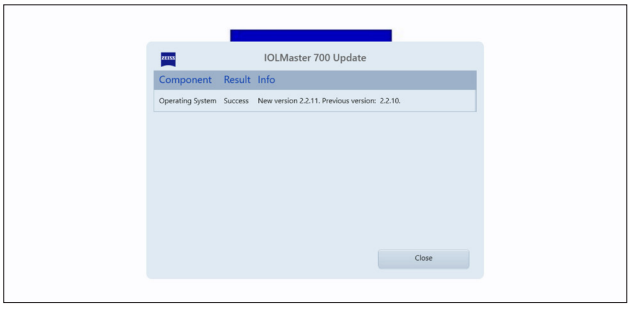



11. Select the software update in the list.

12. Click “Run”.

13. The IOLMaster restarts automatically.

14. The IOLMaster installs the software update. This will take between 5 and 30 minutes. Please follow the instructions on screen. In some cases, it may be necessary to run the software update a second time. In such a case, your IOLMaster will guide you through the update process again.




15. Once the software update is complete, this dialog is shown. Please check the message to confirm that the system was updated successfully.

16. Click “Close” to finish the update process.

17. Your IOLMaster will now restart automatically.

18. Disconnect the USB drive.

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