

# BLOCH NMR system: Installation of hardware and software and getting started at the system level

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1. All the required software are placed in the '**D**' drive of the system with **bar code#41684** having folder name "**NI NMR**".
2. These softwares are also available in the Physlab drive and at network having the folder name "**NI NMR**".
3. Install LabVIEW software if it is not already installed. The version of LabVIEW must be 8.6 or above.
4. Next install **NI-VXI** software having **version 16.0** present in the folder with the name **nivxi1600.exe**.
5. Install **NI MXI-express bios compatibility software** present in the folder with the name **NIMXICmpt1800.exe**. This software provides support for **NI** data acquisition and signal conditioning devices.
6. Now install the **ZTseries V6.1** software present in the same folder.
7. Connect the **NI card** with your system and connect system and **NI chassis with NI-PXI** cable. Now system will start automatically when we **ON the NI chassis**.
8. After installing these softwares, open NI Max. Go to devices and interfaces options and verify that **NI Max** reads the **NI chassis 1073** and the inserted cards of waveform generator and oscilloscope in this chassis with their model numbers.
9. Also verify these cards by opening '**Z finder**' software. This software reads both the attached cards in the chassis with their models and serial numbers.
10. When PC is started, a window is open and read the attached cards and perform tests. After performing test, it show the message of passed if there is no issue.