

PROXIMA 2A - Remote Access for Users

- Before the remote access session (>1 week):
 - Obtain your SUNSET project number and password (e.g. 20180123, wDvg2ke7Gt)
 - Ask the BL staff to contact the SOLEIL IT group to permit remote access for your project number
 - Test the connection to SOLEIL
 - Use a « decent » network connection (e.g. ADSL, not modem)
 - Download NoMachine
 - Screen resolution 2560 x 1440 (MXCuBE is optimised for this resolution)
 - Mouse with Left-Right buttons and a Scroll-wheel
- Start NoMachine
 - Check the connection parameters (Right-hand click & Edit Connection)
 - Name = PX2A (for example)
 - Protocol = NX
 - Host = nx-vip.synchrotron-soleil.fr
 - Port 4000
 - Open either a **Physical** or **Custom** session on **proxima2a-10**
 - **Physical** session on **proxima2a-10**
 - Shares the display & mouse with users in front of the machine
 - To select a display from multiple displays
 - » **<ctrl-alt-I>** IDENTIFIES displays as 1,2,3,4...
 - » **<ctrl-alt-A>** view ALL displays
 - » **<ctrl-alt-#{display_number}>** switch to display_number = 1,2,3,4 or ...
 - **Custom** session on **proxima2a-10**
 - Independent display & mouse, which can run a separate instance of MXCuBE or X-terminal for processing
 - Open a terminal window from the side menu/icons
 - **gnome-terminal &** [launches gnome terminals]
 - **mxcube** [launches MXCuBE to control your experiment]
 - **albula** [to display diffraction images]
 - **ssh -X process1** [to process data on the 280-core server]