

Concerning: Changes to the Standard Operating Procedures for the Krios since the latest software upgrade on the Krios (including “embedding” of the K3 into the FEI software, which is a pre-requisite for using EPU)

Gatan PC (GPC) to Microscope PC (MCP) instructions:

1. Make sure that both PCs are fully started & logged in
 - a. Do not start any software yet on either of these PC's
 - b. Tecnai Remote on MPC will start up automatically, this is OK. It can be opened & used to monitor communication between GMS & the microscope
2. On the GPC: start GCI2, GFI & GatanRemoteServer (GRS) as regular used (**NOT AS ADMIN !**).
 - a. GPC, GCI2, and GRS are all on the desktop and inside a folder (Run These) on the desktop
 - b. Do not start GMS yet
3. On the MPC: start TEM server & Applications from MSL.
 - a. Wait until they are fully started & loaded, TIA can be started later
 - b. For control start Acquisition Monitor & observe the EF-CCD status.
 - c. EF-CCD status will stay red until GMS loads all camera related plugins
 - d. DM Remote Monitor stays red or orange for now, this is OK
4. **On the GPC: start GMS as ADMIN (This is critical!!)**
 - a. Once the interface & all camera plugins are loaded, the EF-CCD in Acquisition Monitor should turn green
 - b. Allow GMS to fully load before continuing (see #5)
5. **IMPORTANT:** Do not press “View” or “Acquire” after first startup of GMS. GMS starts very slowly & even after the interface is loaded, requires 3-5 minutes for the whole startup to finalize.
6. Start SerialEM and DM as ADMINISTRATOR