

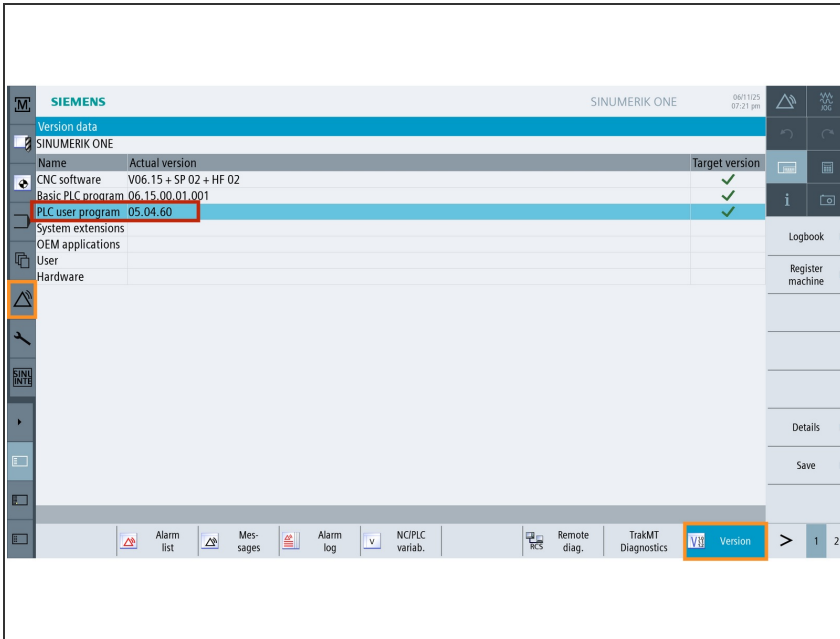


Install LNS Servo Barfeed Option

Written By: Ryan Levrini

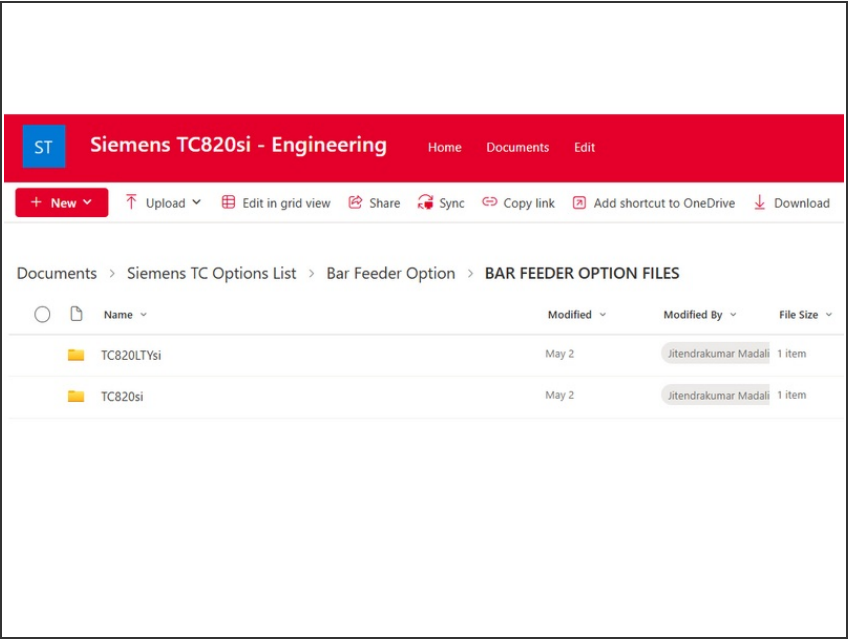


Step 1 — Prerequisite



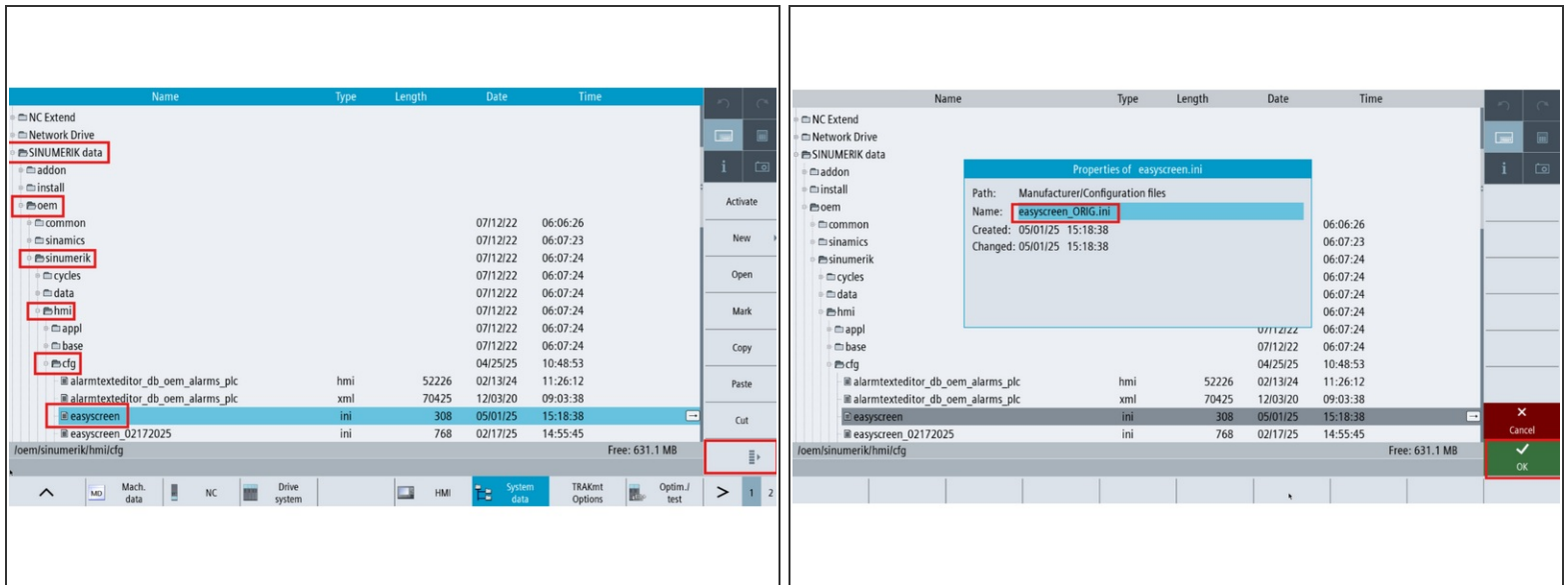
- Ensure the PLC User Program is version **05.04.69** or higher.
- To verify, go to **[Diagnostics] → [Version]**.
- Check the **PLC User Program version** — this is the current version.
- If an upgrade is needed, follow the [TCsi - Create My Config Expert Software Upgrade](#) guide.
- **Run MyScreens** license (6FC5800-0BP64-0Yx0) must be purchased and activated.
- Bar feed inputs bit 14512[37] bit 2 to be high in old LNS model 80 S2 model.

Step 2 — Copy 'easyscreen.ini' from SharePoint to USB



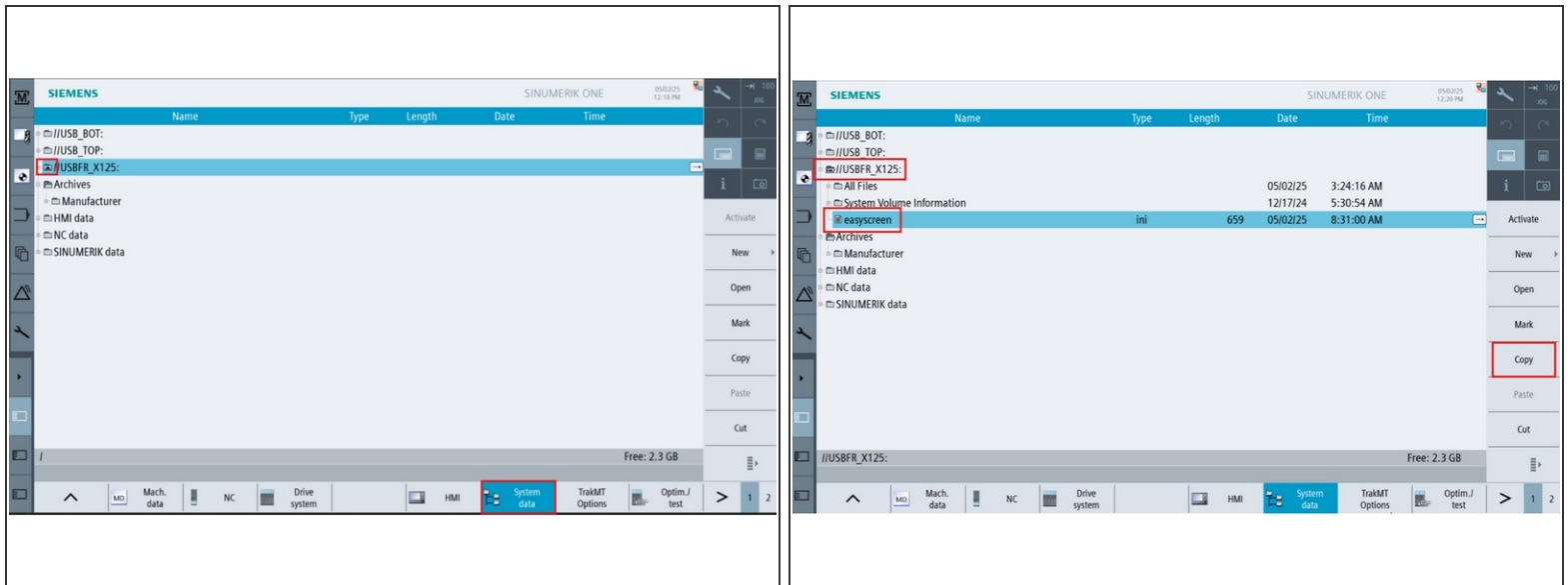
- Locate the correct easyscreen.ini file in SharePoint:
- [TC820si](#)
- [TC820TYsi](#)
- Download the file and save it to your USB drive.

Step 3 — Rename the Existing File on the TCsi Machine



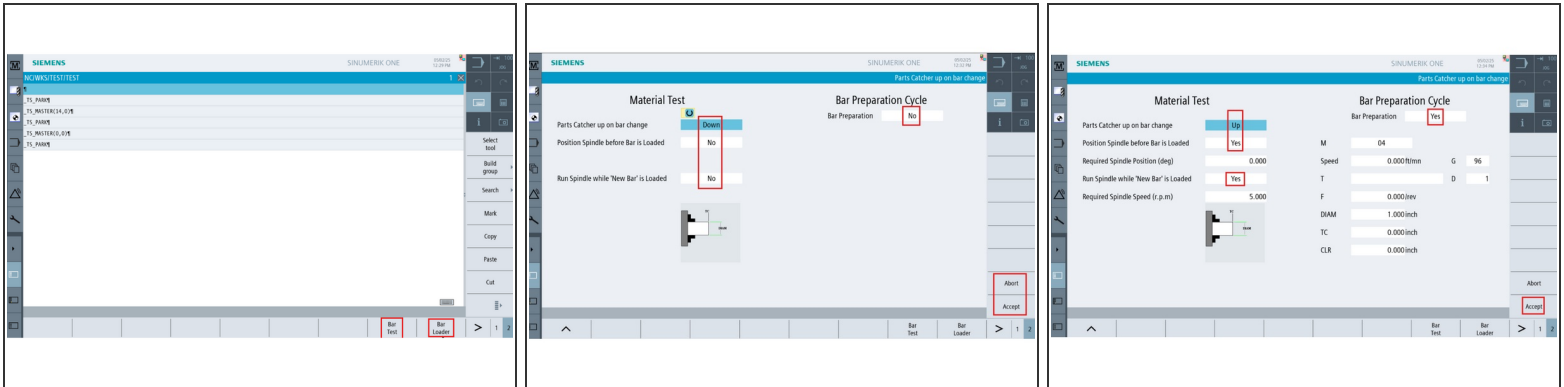
- [Set Manufacture Password.](#)
- On the TCsi, navigate to **[Setup]** → **[System Data]**.
- In the folder structure, go to: **SINUMERIK data** → **oem** → **sinumerik** → **hmi** → **cfg**
- Highlight the current easyscreen.ini file.
- Press the **[Right Arrow]** button at the bottom of the screen to open file options.
- Tap **[Properties]**.
- Rename the file to easyscreen_ORIG.
- Press **[OK]** and return using the **[Left Arrow]** to go back.

Step 4 — Copy USB File to Machine



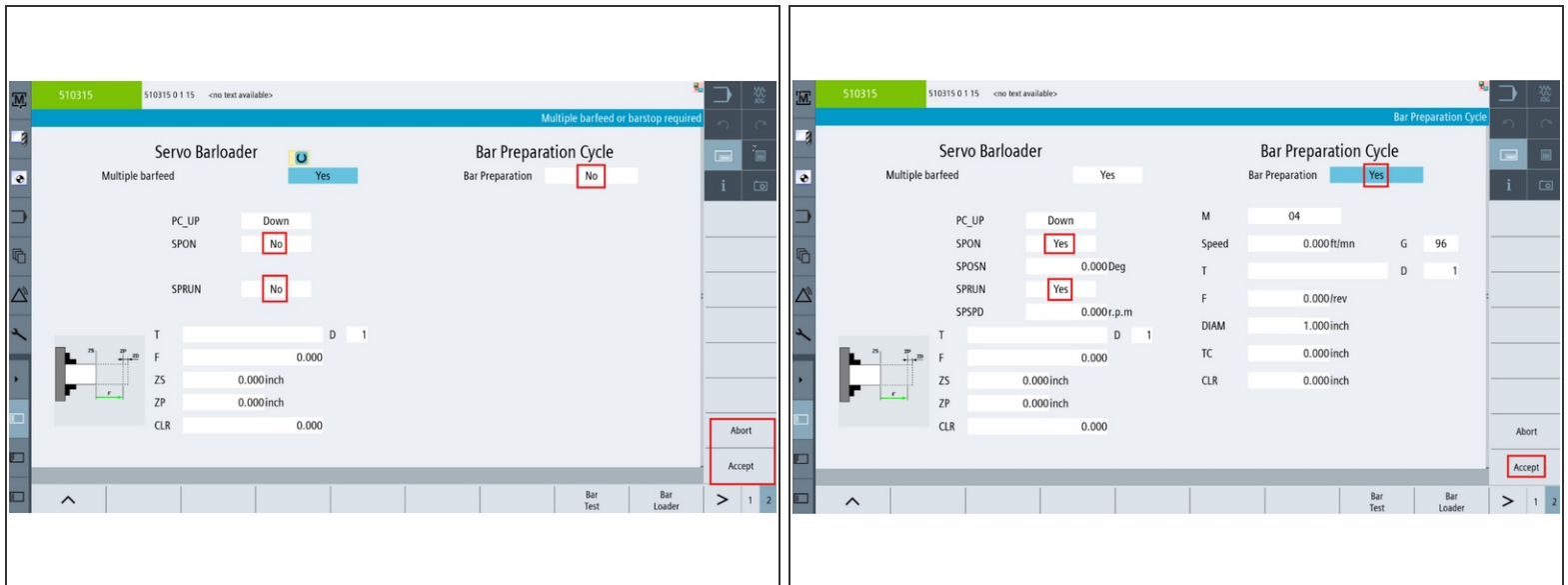
- Insert the USB drive into the TCsi machine.
- Navigate to: **[Setup] → [System Data]**
- Select the correct USB source (USB_TOP, USB_BOT, or USBFR_X125) — look for the folder icon with an up arrow.
- Highlight the easyscreen.ini file on the USB.
- Press **[Copy]**
- In the folder structure, go to: **SINUMERIK data → oem → sinumerik → hmi → cfg**
- Press **[Paste]** to add the new easyscreen.ini file to the folder. The original file was renamed and will remain in the directory.

Step 5 — Verify New Barfeed Options Are Installed



- Go to the Program Edit area.
- Verify the **[Bar Test]** and **[Bar Loader]** softkeys are now available.
- Press **[Bar Test]** to access configuration options.
- Use dropdowns to select the appropriate settings.
- Press **[Accept]** to generate a BAR_TEST cycle.

Step 6 — Configure Bar Loader



- Press **[Bar Loader]** to access loader setup.
- Use the dropdown menus to confirm or modify your settings.
 - ① Refer to Picture 2 for all available configuration options.
- Press **[Accept]** to finalize and generate the BAR_MASTER cycle.