Deploy your Calibration Application

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Deploy Your Calibration Application

Before starting the deployment steps, ensure that your MachineLogic application, including all relevant scene assets (such as the calibration frame), is already deployed to your MachineMotion controller.
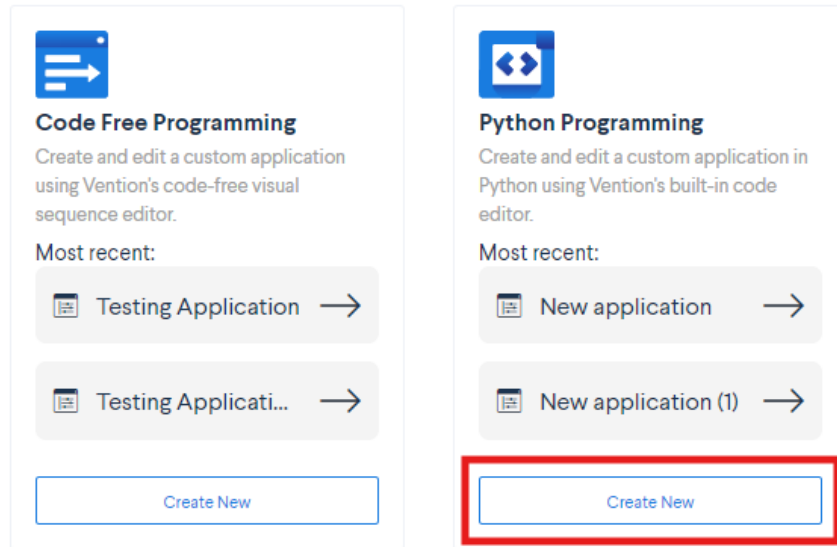
You can download the Calibration Application from the following link:

Download Calibration Template

Steps to Deploy the Calibration Application:

1. **Unzip the File**:
   Unzip the application-v1.0.0.zip file you downloaded.

2. **Open the Application Folder**:
   Navigate to the unzipped folder and open the *machinemotion_content* folder.

3. **Check the Contents**:
   Ensure that the following files and folders are present inside the *machinemotion_content* folder:
   - project.json
   - ui (folder)
   - server (folder)
   - client (folder)

4. **Connect to MachineMotion**:
   Connect your laptop to the MachineMotion's TO_PC port using an Ethernet cable.

5. **Access MachineMotion Interface**:
   Open your web browser and navigate to the following URL: 192.168.7.2.

6. **Create a New Python Application**:
   Go to the **MachineLogic** tab in the interface and create a new Python Application.
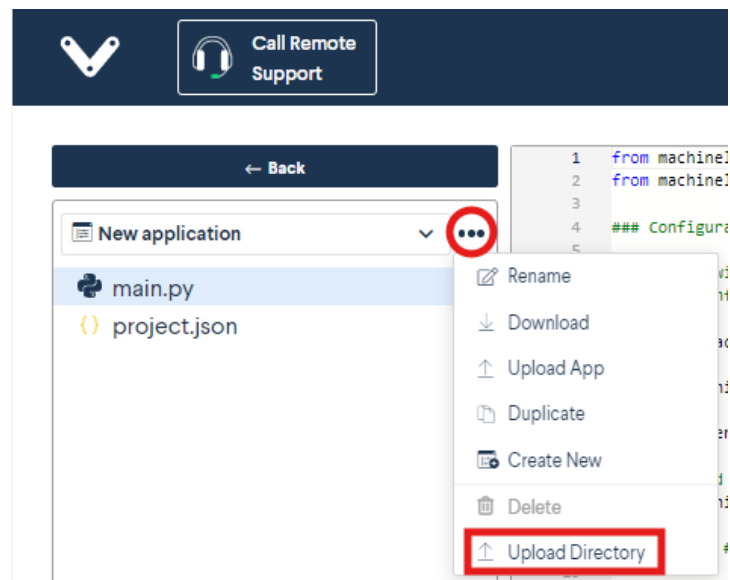
Get Started

Create Python Application

7. **Rename the Application**:
   Rename the new application to "Calibration Application."

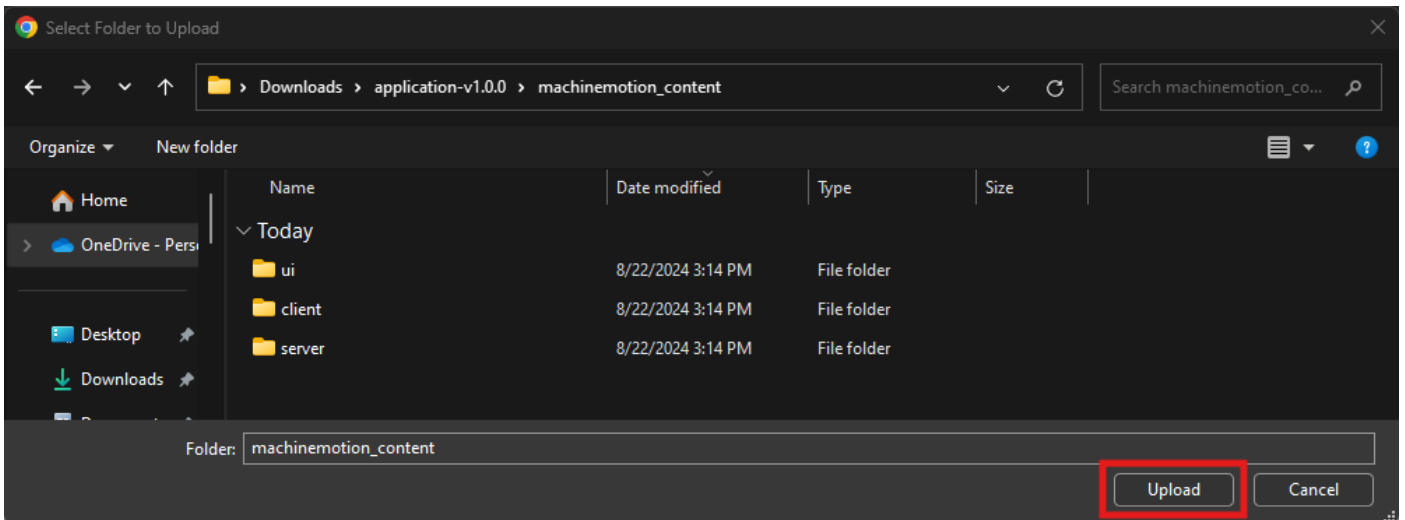8. **Upload the Application Directory**:
   Click on the three dots to open the dropdown menu, then select "Upload Directory."

Upload Directory

9. **Select the Files to Upload**:
   Using the file explorer, open the unzipped application folder, then open the *machinemotion_content* folder.

File Explorer Display

10. **Upload the Directory**:
    Click on **Upload** to transfer the directory to MachineMotion. If you encounter an upload error, check your network connection and try again.

11. **Refresh the Application List**:
    On the Vention Pendant, press the refresh button to update the list of available applications.

12. **Launch the Calibration Application**:
    Go to the **App Launcher** tab on the Vention Pendant and select "Calibration Application."

13. **Start the Calibration Process**:
    Start the application. Once it's running, open the UI and proceed with the calibration process.

Conclusion:

If you successfully deployed and started the Calibration Application, proceed with the calibration steps as instructed in the UI.