User Program Examples – Signal Generators

This zip file includes example user programs for creating typical signal generator-type motion. These examples will work for RMC70 and RMC150 motion controllers.

- **SquareWave.rmcprog**
  This user program does a position square wave.
- **SquareWaveRounded.rmcprog**
  This user program does a position rounded square wave with specified velocities and acceleration.
- **TriangleWave.rmcprog**
  This user program does a position triangle wave.
- **SawToothWave.rmcprog**
  This user program does a position sawtooth wave.

Importing User Programs

To use the user programs, import them into RMCTools:
1. Extract the files from the zip file and save them on your PC.
2. Open RMCTools. In the Project pane, expand **Program Configuration**.
3. Right-click **User Programs**, and choose **Import User Program**.
4. Browse to a user program and click **Open**.
5. If the example user program uses variables, the User Program Import dialog will open. This dialog shows you how the variables for the user program will be created in your project. You can change the address locations if you like.
6. Click **OK**.