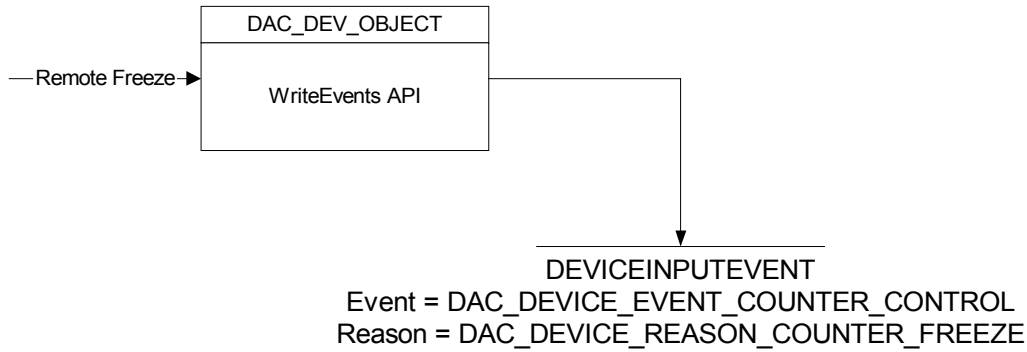


TECHNICAL NOTE 5: ACCUMULATOR FREEZE AND RESET

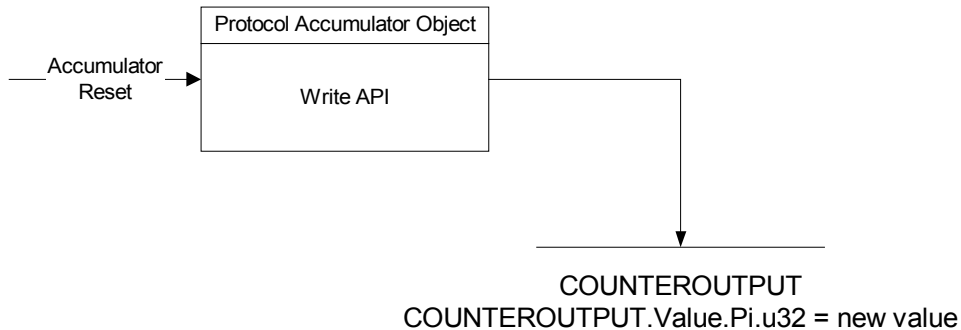
For most protocols, the GPT processes the accumulator freeze as a device event. The GPT writes the event using the DAC Device Object's Write Event API as illustrated in the following figure:



The GPT passes the freeze to the user application using the DEVICEINPUTEVENT data structure. The user application can then trap the write of the device event and execute the freeze.

Accumulator Reset

The GPT processes the Accumulator Reset function as a write on the counter (also called accumulator) object. The GPT writes the counter variables using the DAC Counter (Accumulator) Object's Write API as illustrated in the following figure:



The GPT passes the reset value to the user application in the COUNTEROUTPUT data structure.