DI_# = Digital INPUT Line #
DO_# = Digital OUPUT Line #

PC

USB

Puffer Arduino

DO_1

DI_1

DI_1

DO_1

Leica Arduino

Auto Mouse

Leica

- Zero Cute State
- Non Zero Cut State
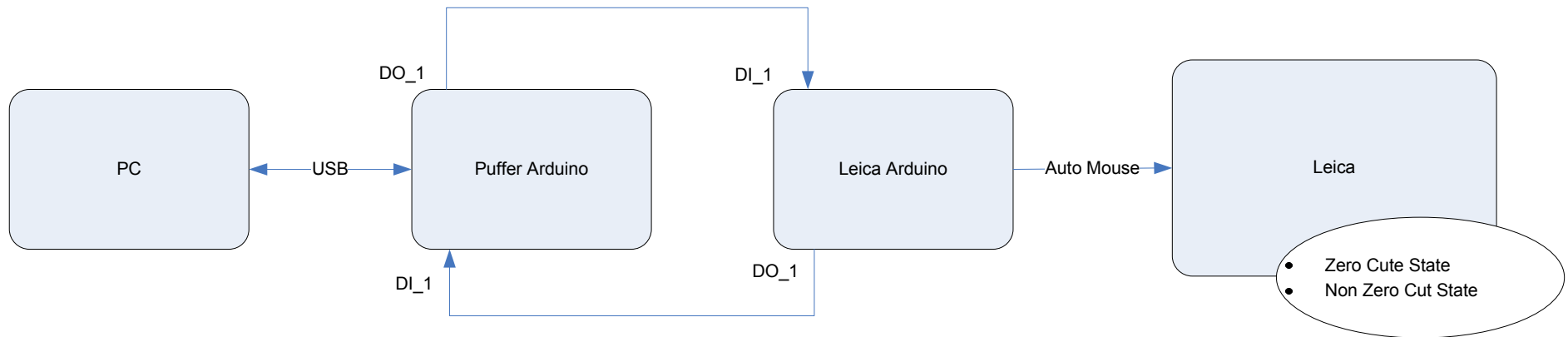
Zero Cut Scenario

- PC sends request to Puffer Arduino to set DO_1 to HIGH

- Leica Arduino detects DI_1 -> HIGH
- Leica Arduino sets DO_1 -> LOW
- Leica Arduino uses mouse automation to set Leica in zero cut state.
- Leica Arduino sets DO_1 -> HIGH

- Puffer Arduino detects DI_1 -> HIGH and notifies PC by serial message.
- PC receives message that DI_1 is HIGH
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- PC request Puffer Arduino to set DO_1 -> LOW