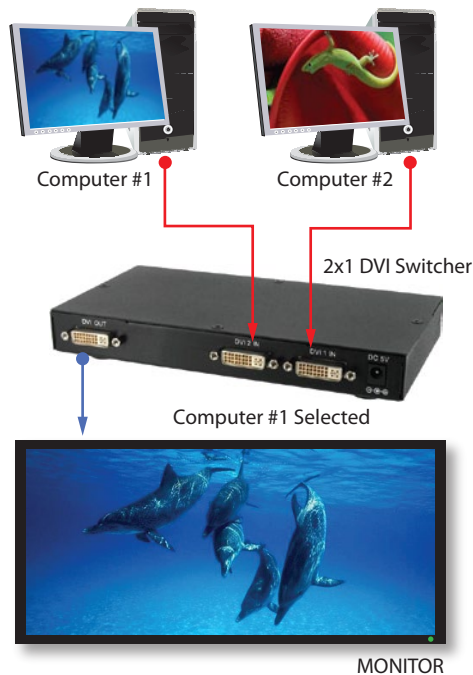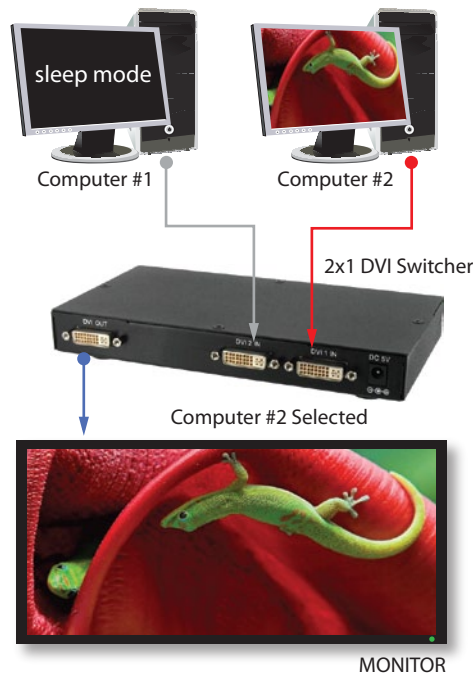# PROBLEM:

Problem happens when multiple computers connected to DVI switch. Computers which are not selected to DVI switch will disable DVI output port because there is no display detected. This will result in long wake up time (~30 second) for computer which was not active and now being switched to.
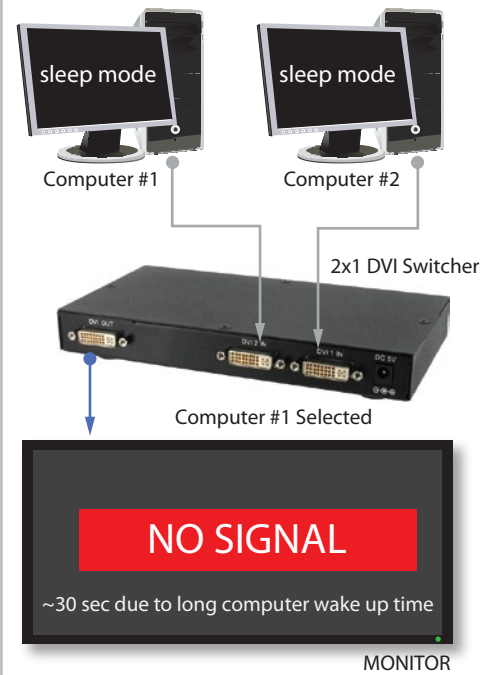
SIMPLE, EASY
ATLONA®

Slide #1

Computer #1   Computer #2

2x1 DVI Switcher

Computer #1 Selected

MONITOR

Slide #2

sleep mode   Computer #2

Computer #1   Computer #2

2x1 DVI Switcher

Computer #2 Selected

MONITOR

Slide #3

sleep mode   sleep mode

Computer #1   Computer #2

2x1 DVI Switcher

Computer #1 Selected

NO SIGNAL

~30 sec due to long computer wake up time

MONITOR

SOLUTION:

Placing AT-DVISync between each computer and switcher which will trick the computer to think that it is always connected to display even if it is not. Therefore it will result in very fast switching.

Computer #1   Computer #2

AT-DVISync   AT-DVISync

2x1 DVI Switcher

Computer #1 Selected

MONITOR

Computer #1   Computer #2

AT-DVISync   AT-DVISync

2x1 DVI Switcher

Computer #2 Selected

MONITOR