

BLACK BOX[®] ServSwitch[™] Affinity

STATUS

System Status							
Computers	Power	Slot	Ver	KVM	CPU	User	Status
1-4		1	013	PC	14	Bob	View mode
5-8		2	013	PC	26	David	Share mode
9-12		3	013	PC	14	Sharon	View mode
13-16		4	013	Sun	1	Bob	Share mode
17-20		1	013				No response
21-24		2	013				No response
25-28		3	013				No response

Slot: card position/Ver: program version/KVM: PC, Sun, or none
 CPU power: =on =off Line color: Connect/OK Disconnect Error

This is a very powerful feature that lets you see many things from one screen. Each data line can be green, yellow, or red. Green means the KVM on that card is connected to a CPU. Yellow means the KVM is not connected. Red means the card does not exist or has an error.

Computers Which card it is
 Power Each square is green for power on to the CPU and red for power off to the CPU
 Slot Which slot the card is installed in
 Ver The firmware version of the main program
 KVM The type of KVM attached either none, PC, or Sun
 CPU If a connection is present, which computer the KVM is connected to
 User If a connection is present, which user is logged on the KVM
 Status What the state of the card is can be any of the following:

Connected (green)

1 View mode The KVM is connected in view mode
 2 Share mode The KVM is connected in share mode
 3 Control mode The KVM is connected in control mode
 4 Private mode The KVM is connected in private mode

Disconnected (yellow)

5 Initial state Since power on, the KVM has never been connected
 6 User request The user typed in a control Q command and disconnected
 7 Timed out The disconnect timer elapsed and the user was disconnected
 8 Video path cancel A conflict with a KVM on the same slot position caused a disconnect
 9 Private mode cancel Another user in private mode overrode the connection
 10 No response The last connect was to a non-existent computer
 12 Not in access group Last attempt to connect was to computer not in access group of user
 13 Computer is private Last attempt to connect was to a computer already connected to another user in private mode
 14 Queue full More than 4 KVMs tried to connect to a single computer
 15 Unknown reason Error, call tech support
 16 Not logged in Log in is required and no user has logged in
 17 Remote request The computer was disconnected by RS232 command

The numbers in the connect and disconnect states are result codes returned by the RS232 switching command.

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SWITCHING TO COMPUTERS

Computer select menu

```
1 Mail Server
2 NT Server 1
3 NT Server 2
4♦NT Server 3
5 Inventory
6 Inventory 2
7 Sales domain
8 Computer      8
9 Computer      9
10 Computer     10
11 Computer     11
12 Computer     12
13 Computer     13
14 Computer     14
15 Computer     15
16 Computer     16
```

You can switch to computers through three different methods:

1. **COMPUTER SELECT MENU** - Pressing and releasing the left control and then hitting the escape key brings up the computer select menu. Use the arrow keys and the page up and page down to highlight a computer and hit enter to switch to it.
2. **DIRECT BY NUMBER** - If you know the number of the computer you want to switch to then press and release the left control key, enter the numeric value using the number keys below the function keys, and hit enter to switch.
3. **USING THE RS232 port** - Specify the KVM value with Knnn where nnn is the 1-255 KVM number of the card desired. Specify the CPU number with Cnnnn where nnnn is the 1 to 1000 computer number of the CPU desired. Send S to switch or question for an inquiry. <cr> below means carriage return (value 13). The last value of K or C is remembered.
For example: K1C3S<cr> Switches KVM 1 to computer 3
For example: K2?<cr> Returns which computer KVM 2 is connected to
in the form K2CnnnRxx<cr> where nnn is the computer connected or last connected and xx is the status value described previously on the status page.

The on-screen display gives you messages on the status of your connection and you will receive a message of the following type when connecting or disconnecting. The last line is the status and is very important for troubleshooting. This message may also be recalled with the control D command.

Status MIS Console

```
Connection successful
to NT Server
on Admin
Share mode
```

Status Control Room 5

```
Connect failed
to Mail Server
on Richard
Not in access group
```

Status App station 1

```
Disconnected
from Payroll
on Sharon
Timed out
```