

SYSGEN PROCEDURE

To determine the proper device address for a VMS based system, use the 'SYSGEN' utility. The sysgen utility and VMS use the same rules for address selection.

To determine the proper addresses for the TMSCP and MSCP devices, first determine the existing system components. The following list shows some of the possible options and the symbols by which the SYSGEN utility recognizes them. These options can be entered into SYSGEN for address calculation; more will be added as the products become supported under future versions of the VMS/MicroVMS operating systems.

Device	Symbol	Device	Symbol	Device	Symbol
QDA50	UDA	TU81	TU81	DEUNA	UNA
RQDX1	UDA	TK50	TU81	DEQNA	QNA
RQDX2	UDA	DZV11	DZV	LVP11	LP
RQDX3	UDA				
RRD50	UDA				

When you have listed the components, use the following steps to determine the proper MSCP device address for a VMS system:

1. On a running VAX/VMS system, enter the SYSGEN utility after logging onto the system. This is done as follows:

```
$ MC SYSGEN <CR>
SYSGEN>
```

2. Enter the configuration section of SYSGEN

```
SYSGEN> CONFIGURE <CR>
DEVICE>
```

3. At the DEVICE prompt (from the SYSGEN utility), key in the list of Q-bus or Unibus options present on the VAX system. Make sure that the device count is correct; for example, any MSCP disk controller (UDA, KDA, RQDX3, RRD50) looks to the system like a UDA, and any host-based TMSCP controller looks like a TU81. For example, a system with a DEQNA, two TK50s, a KDA and an RQDX3 would be entered as shown.

NOTE: Make sure all devices connected to the host have been listed.

```
DEVICE> QNA
DEVICE> TU81 2
DEVICE> UDA 2
```