M21 Tape Configuration File

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Chapter 1. M21 Tape Configuration File

The *system.conf* file is located in the *etc* subdirectory of where the M21 system was installed and contains the mapping of a tape drive number to a physical device name. This file is used by both *mpmse* (the M environment) and *dbbkrs* (the backup program) to read and write tapes. A prototype for this file called *system.conf.proto* is copied into *etc* at installation time.

The format for entries in this file is the **TAPEDRIVE** keyword at the beginning of a line, followed by four comma separated fields as follows:

TAPEDRIVE=DRIVE   NUMBER,DENSITY,DEVICE   TYPE,PHYSICAL   DEVICE NAME

Table 1-1.

DRIVE NUMBER	**0 - 99**	
DENSITY	**L**	Low [800 Bit Per Inch
	LC	Low with compressio
	M	Medium [1600 Bits Pe Inch]
	MC	Medium with compression
	H	High [6250 Bits Per I
	HC	High with compressi
	V	Variable [System dec
	VC	Variable with compre
DEVICE TYPE	**dlt**	Digital Linear Tape
	qic	QIC cartridge
	4mm	4mm DAT
	8mm	8mm DAT
	9tk	9 track
PHYSICAL DEVICE NAME	**/dev/***	This is vendor depen and varies from vend vendor.

Examples

```
TAPEDRIVE=0,H,8mm,/dev/rmt/0
```

When tape drive **0** is selected in **high density** mode *mpmse* will open physical drive **/dev/rmt/0**.

```
TAPEDRIVE=1,V,8mm,/dev/rmt1.4
```

When tape drive **1** is selected in **variable density** mode *mpmse* will open physical drive **/dev/rmt1.4**.

```
TAPEDRIVE=2,HC,4mm,/dev/rmt/2hc
```

When tape drive **2** is used by *dbbkrs* in **high density** compressed mode it will use physical drive **/dev/rmt/1hc**.