

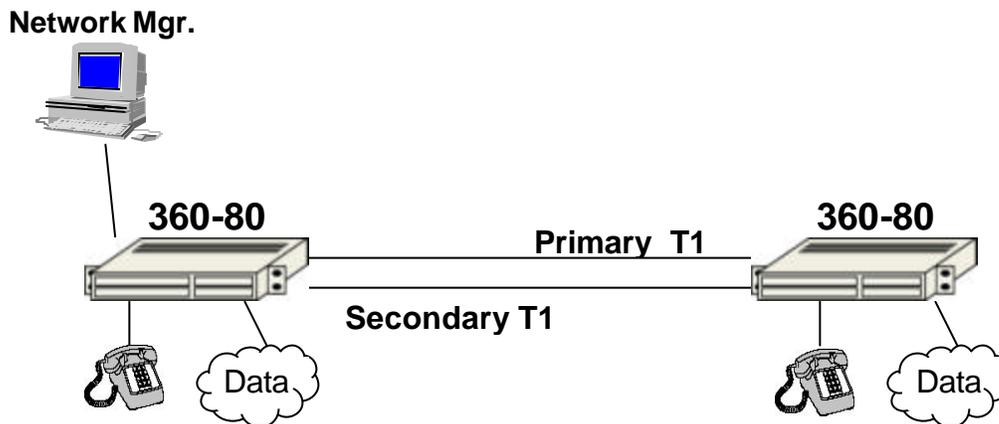
## Application Overview – Protection Mode

**Application:** Protection Mode

**Customer Solutions:** ILEC, CLEC, Govt., Enterprise

**Description:** Protection mode allows two 360-80 systems to be connected with redundant T1 facilities.

In this configuration, each 360-80 system is equipped with a Secondary T1 Controller card and a SNMP T1 Controller card. The Primary T1 from the SNMP T1 Card is used as transport. If the Primary T1 error rate exceeds a threshold the system will use the T1 from the Secondary T1 Controller as the transport until the Primary T1 error rate improves. See **Figure 1** for a typical configuration.



**Figure 1: T1 Protection Application**

### Benefits:

- Improves service availability by providing protection from cable cuts and transmission problems
- Cost effective solution
- Simple to install and operate

### Further Information:

Further information on Charles Industries products may be found at:

<http://www.charlesindustries.com>