

## **TDT Description**

The TDT is assigned on an individual telephone number basis. Normally, the LNP trigger is bypassed if the called number is equipped in the switch, regardless of the number's portability status in the LNP database. Previously, this meant that calls from the donor switch were not routed to the new serving switch until the number's translations were removed from the donor switch. When activated on an end user's line, the Ten Digit Trigger causes an LNP query to occur in the donor central office, regardless of whether the end user's switch translations have been removed. The donor central office is defined as the central office switch in which the end user's number originally resided when the end user was receiving service from the old service provider. The Ten Digit Trigger will cause all calls that reach the donor central office to automatically trigger an LNP query. The LNP query will determine whether or not the end user's number has been ported and will obtain the proper routing instructions from the database if the number has been ported.

Typically, the Ten Digit Trigger is encountered on intra-switch calls -- calls that would normally originate and terminate within the same central office switch. Normally, inter-switch calls -- calls that would originate and terminate in different central office switches -- would not encounter the Ten Digit Trigger. Normally for intra-LATA calls, the central office switch that originates the call would perform the LNP query and route the call to the new service provider. In some cases where the originating end office does not perform the LNP query, the tandem may perform the LNP query and route the call to the new service provider. Therefore, inter-switch calls generally do not encounter the Ten Digit Trigger.