

## COMPLETION OF INTELLIGENT NETWORK TELEPHONE CALLS

ABSTRACT

Intelligent network telephone calls are processed by an intelligent terminal which cooperates with network elements such as the database that contains information with respect to such calls. When a call requiring intelligent network treatment is first made from an intelligent terminal, the terminal does not have the requisite information to complete the call; the call is thus processed by network elements such as the originating switch and the network database which attempt to find routing information for the call. However, if the call contains an indication that (a) the calling party requests a down load, and the database record associated with the dialed number indicates that routing information stored in the database is marked for down loading, then the routing information is down loaded and stored in the intelligent terminal. When a subsequent call to the same number and therefore requiring the same treatment is again made, the intelligent terminal now contains the requisite routing information needed to complete the call. In this circumstance, the call does not have to be processed by intelligent network elements such as the network database. The routing information can be a destination number, or an indication of the particular network (e.g. wireline, cellular or CATV) that will carry the call, or other similar information. (Fig. 1)