Customer Access for COBRA

1. The CenturyTel consumer / customer dials a local MCI dedicated phone number from a modem in a PC in order to reach an Internet Service Provider (i.e. AOL, MSN)
2. The call is routed by the Century Tel local switch to a Primary Rate Interface (PRI) trunk based on switch translations.
3. A modem in the Century Tel central office accepts the call from the Century Tel local switch. The modem converts the analog signals to digital packets and visa versa.
4. The digital data stream is sent from the modem across the MCI leased data T1s to the MCI IP network. This provides the customer login and connectivity for the duration of the call session.
5. The data from the customer PC and associated return data is carried across the MCI IP network to the Internet or private customer networks.
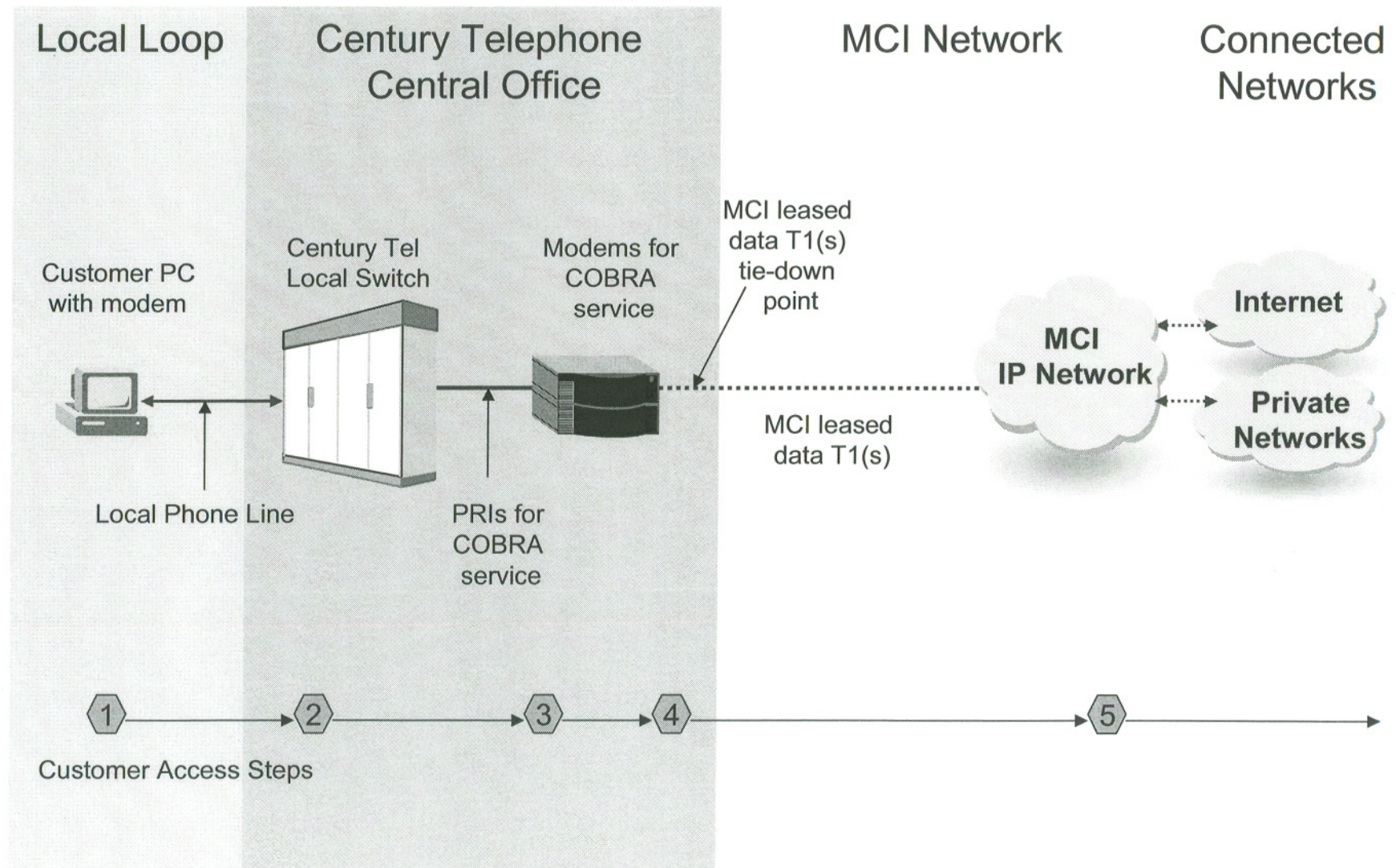
Note: All lines shown as dashed lines are data lines which support data from multiple users simultaneously. All solid lines have dedicated channels for a specific user during a call session.

Customer Access for Enhanced Dial Network

1. The CenturyTel consumer / customer dials a local MCI dedicated phone number from modem in a PC in order to reach an Internet Service Provider (i.e. AOL, MSN)
2. The Century Tel local switch routes the call over the Interconnect Trunks to the MCI local switch based on Local Number Portability for the dialed number.
3. The call is then routed by the MCI local switch to the MCI modems based on switch translations.
4. Call setup is based on SS7 call setup processes.
5. A modem in the MCI IP network accepts the call from the MCI local switch. The modem converts the analog signals to digital packets and visa versa.
6. The digital data stream is sent from the modem to the MCI IP network. This provides the customer login and connectivity for the duration of the call session.
7. The data from the customer PC and associated return data is carried across the MCI IP network to the Internet or private customer networks.

Note: All lines shown as dashed lines are data lines which support data from multiple users simultaneously. All solid lines have dedicated channels for a specific user during a call session.

JA Schedule 1

Existing COBRA Architecture

| Local Loop | Century Telephone Central Office | MCI Network | Connected Networks |

Local Loop

Century Telephone Central Office

MCI Network

Connected Networks

Customer PC with modem

Century Tel Local Switch

Modems for COBRA service

MCI leased data T1(s) tie-down point

MCI IP Network

Internet

Private Networks

MCI leased data T1(s)

Local Phone Line

PRIs for COBRA service

① → ② → ③ → ④ → ⑤ →

Customer Access Steps