JSI | Complete Broadband Solutions.
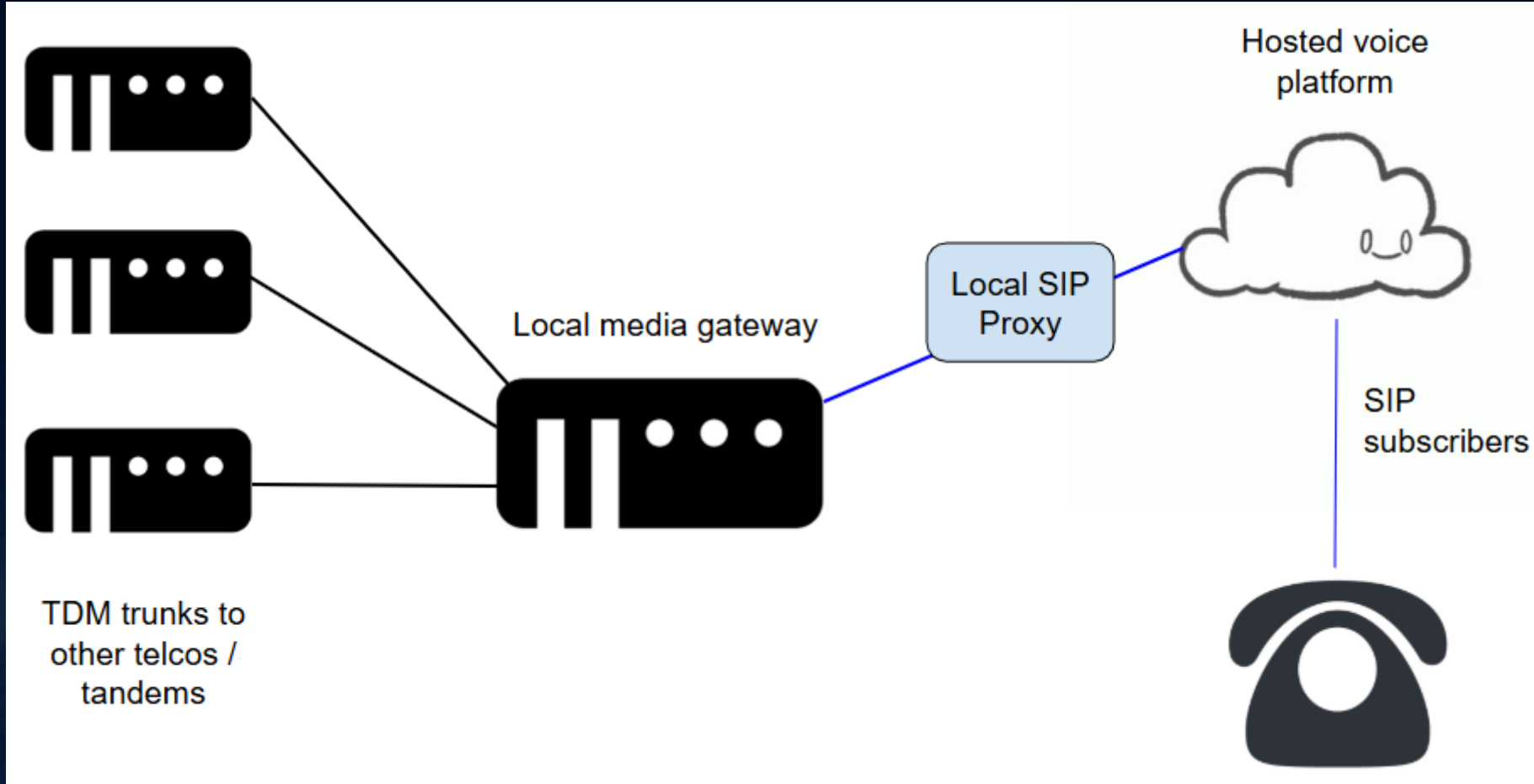
Cloud Switching for Rural LECs
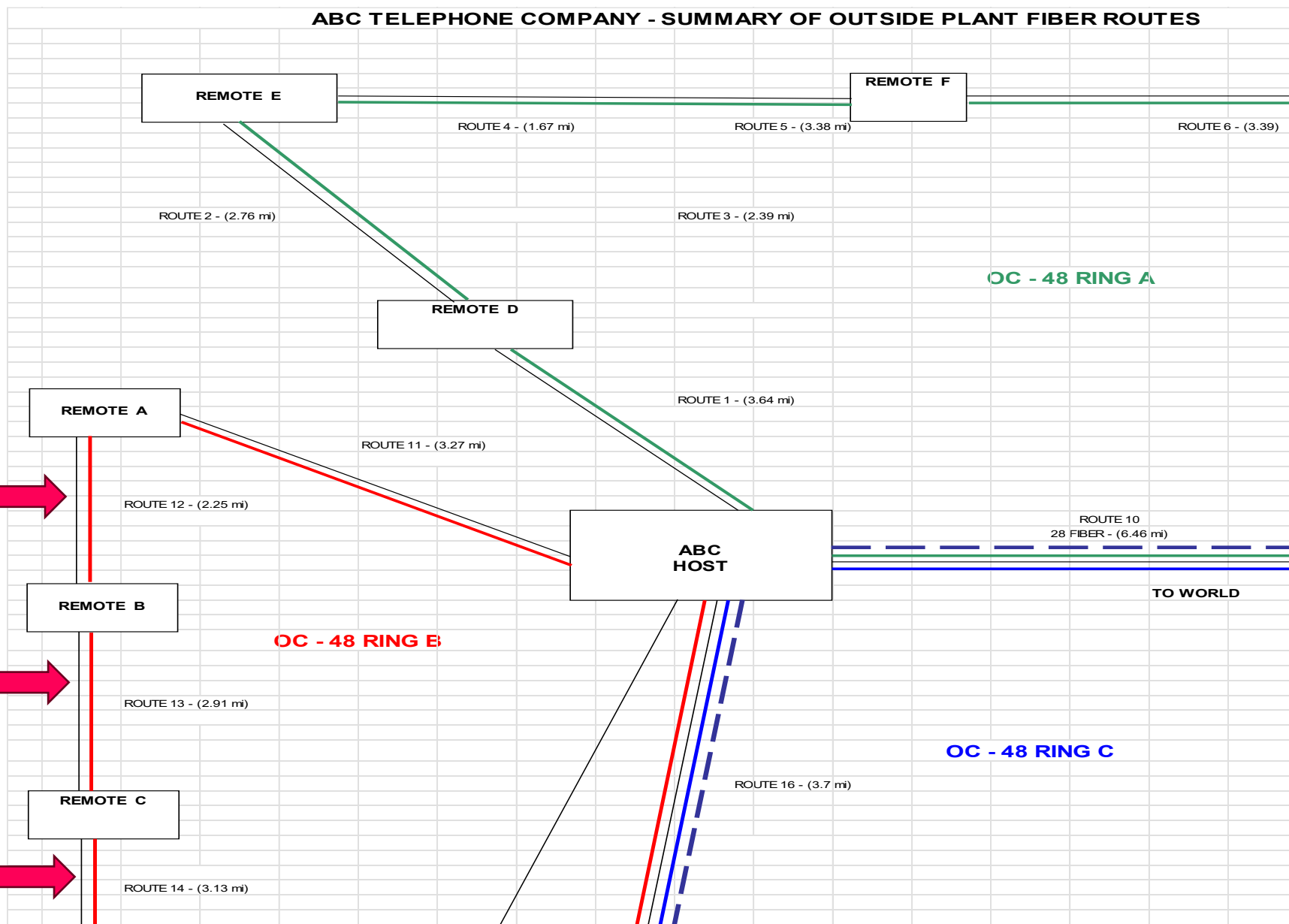
Voice in the Cloud: The Dream

Voice in the Cloud: Reality for ILECs

ABC TELEPHONE COMPANY - SUMMARY OF OUTSIDE PLANT FIBER ROUTES
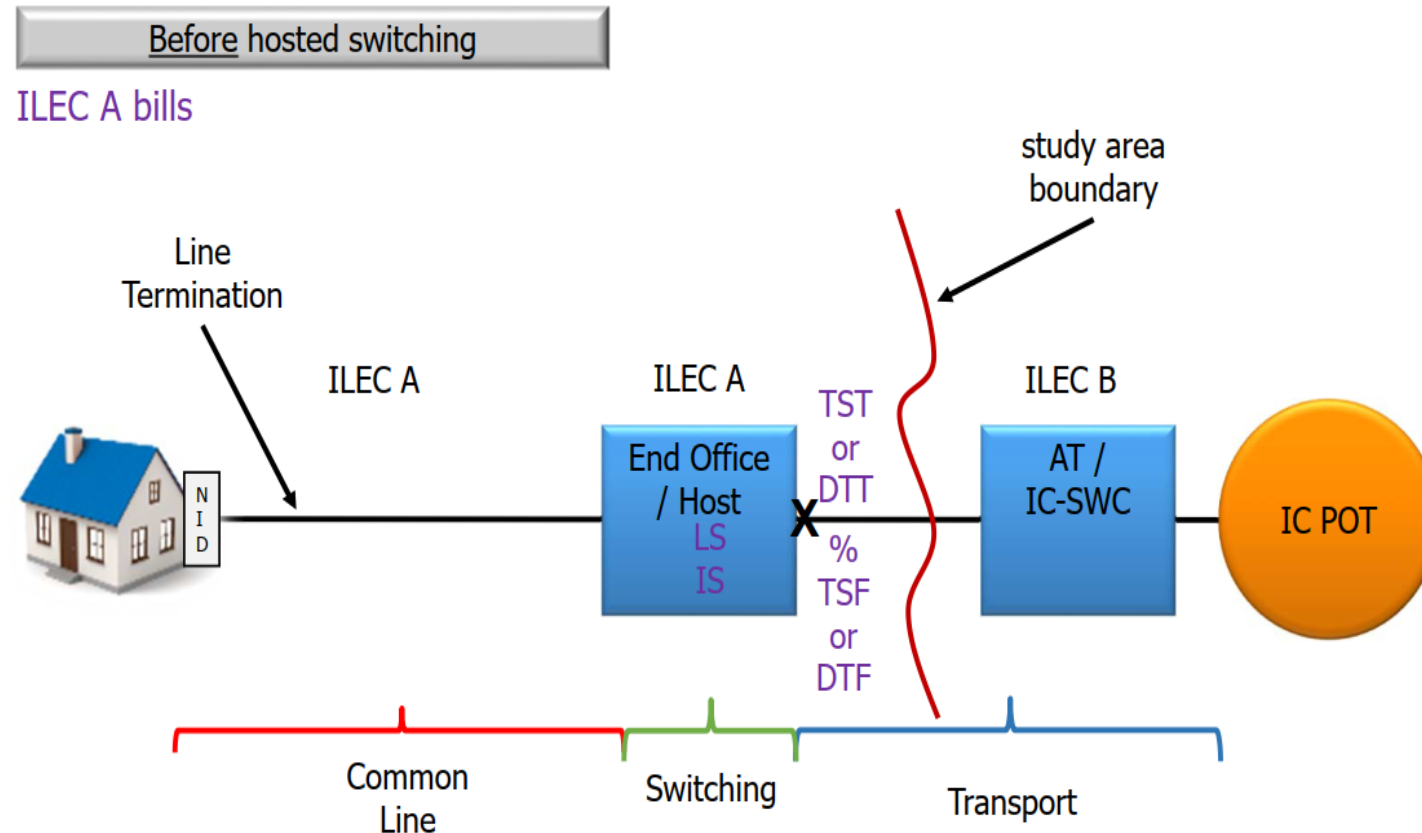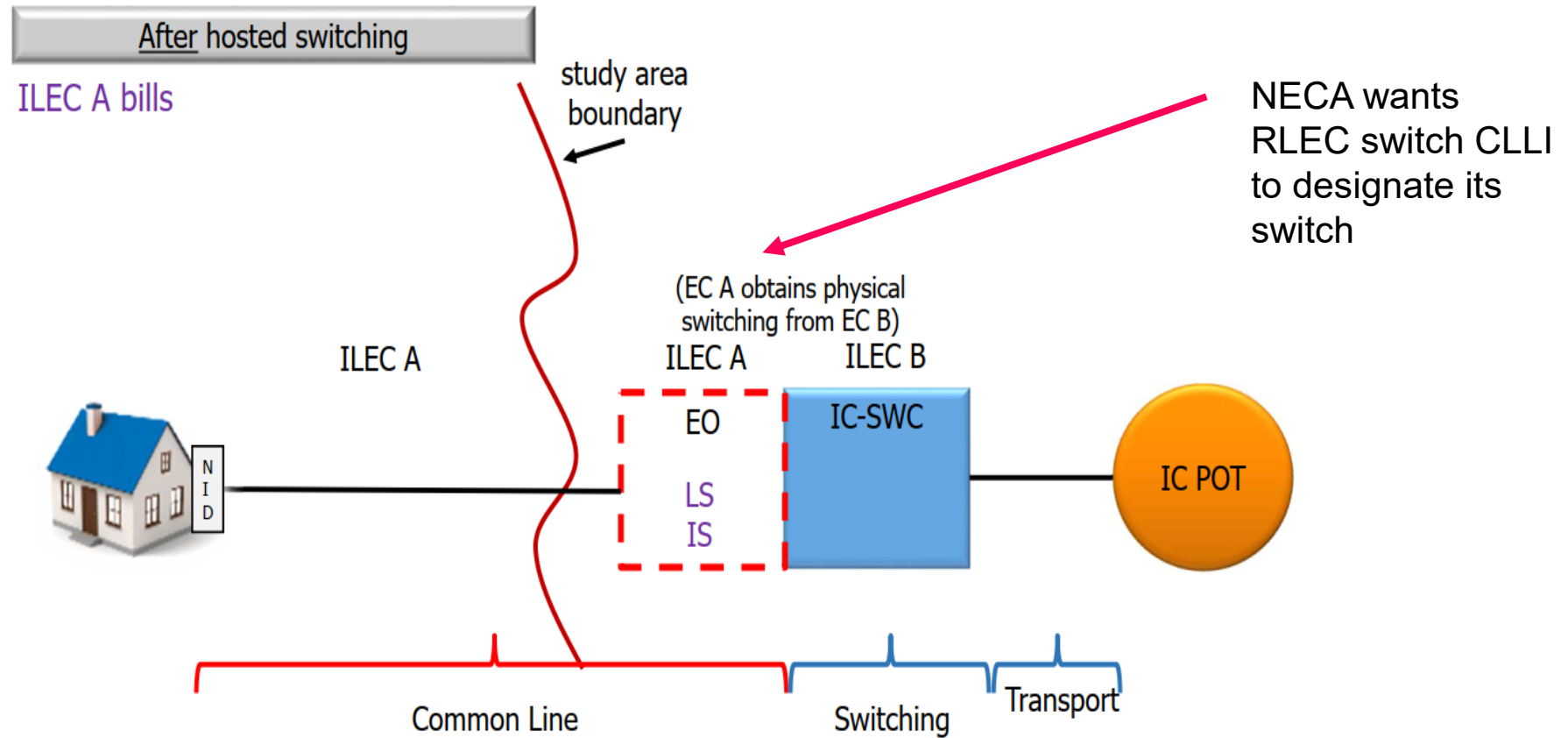
Removing a remote shifts trunking from Interoffice facility to loop facility

Cloud switching requirements

Before hosted switching

ILEC A bills

Line Termination

ILEC A

ILEC A — End Office / Host — LS — IS

TST or DTT

X %

TSF or DTF

study area boundary

ILEC B — AT / IC-SWC

IC POT

Common Line

Switching

Transport

Before Cloud switching, RLEC has switch within their exchange which is the demark for loop (common line, switching, Interoffice, and often special access categories

Cloud switching requirements

After hosted switching

ILEC A bills

study area boundary

NECA wants RLEC switch CLLI to designate its switch

ILEC A

(EC A obtains physical switching from EC B)

ILEC A   ILEC B

EO   IC-SWC

LS
IS

IC POT

Common Line   Switching   Transport

After Cloud switching: Demark could be moved outside service territory