

BCM 3.6 ECAN Doubletalk Patch

This patch addresses problems with echo canceller performance including:

- 1) Excessive "Clipping" of the returned speech path, or
- 2) Continuously audible echo.

Echo canceller performance is highly dependent on the loss plan. There are several lossplan related CRs (Q01100714 Q00969258 Q00572724 Q01140577 Q01187986 Q01128198) which have lead to changes in the lossplan. The changes in the lossplan permit the ECAN's doubletalk detector to be relaxed, reducing the amount that the ECAN's NLP must mute the echo return path.

This patch should only be applied on systems in which the Loss_plan_changes_for_IP_telephony_issues patch (BCM 3.6 MSC Core wi06.18) has also been applied.