

OsmoBSC - Feature #2548

Add support for E1/T1 based BTSs to OsmoBSC

10/06/2017 12:38 PM - laforge

Status: New	Start date: 10/06/2017
Priority: High	Due date:
Assignee: laforge	% Done: 0%
Category:	
Target version:	
Spec Reference:	
Description Contrary to OsmoNITB, OsmoBSC never was able to talk to E1/T1 based BTSs so far. See #2547 for handling TRAU frames in osmo-mgw to get them converted to/from RTP for AoIP. This ticket is more about the signaling side. It's TBD on the details how the signaling is handled. We could possibly open signaling slots directly from the BSC (via libosmo-abis/e1_input), or we could have osmo-mgw open those slots and convert the HDLC payload / LAPD into something that can be transported over IP to osmo-bsc. Once this has been implemented + tested, we have a fully-functional replacement for OsmoNITB, even for legacy E1/T1 BTSs.	
Related issues:	
Related to OsmoMGW - Feature #2547: Add E1/T1 endpoint type to osmo-mgw	New 10/06/2017
Related to E1/T1 Hardware Interface - Feature #3965: ICE40 based USB E1 adapter	In Progress 04/30/2019
Related to OsmoBSC - Feature #2389: re-add siemens MRPCI message, dropped dur...	New 07/24/2017

History

#1 - 10/06/2017 12:38 PM - laforge

- Related to Feature #2547: Add E1/T1 endpoint type to osmo-mgw added

#2 - 10/29/2017 06:51 PM - laforge

- Priority changed from Normal to Low

#3 - 04/29/2018 08:45 AM - laforge

- Priority changed from Low to High

#4 - 05/30/2018 02:56 PM - laforge

- Tags set to E1

#5 - 04/30/2019 08:56 AM - laforge

- Related to Feature #3965: ICE40 based USB E1 adapter added

#6 - 05/08/2019 05:53 PM - laforge

- Related to Feature #2389: re-add siemens MRPCI message, dropped during MSCSPLIT added