

-x2ap Interfaces (Successful Handover)		
eNodeB Network		EventStudio System Designer 6
Target eNodeB	Source eNodeB	20-Apr-13 20:28 (Page 1)

X2AP Handover Request



ECGI of the Target Cell (or Target eNB),
 UE-AMBR,
 UE Security Capability,
 KeNB*,
 E-RAB to be setup (E-RAB ID,
 QCI, ARP, S1 S-GW TEID)

The Source eNodeB initiates the handover with the Handover Request message. Information about active E-RABs, security keys is included in the message. (Click on the message name above the arrow to see message details)

X2AP Handover Request Acknowledge



E-RAB ID,
 Target X2 eNB TEID,
 Transparent container = Handover Command

The Target eNodeB responds back to the source eNodeB with a Handover Request Acknowledge message. This message carries the Handover Command message (RRC Connection Reconfiguration Request) in a transparent container. (Click on the message name above the arrow to see message details)

X2AP SN Transfer Status



Downlink PDCP Sequence Number,
 Uplink PDCP Sequence Number

The PDCP sequence numbers are sent from the source to the target eNodeB. (Click on the message name above the arrow to see message details)

X2AP UE Context Release



The end marker has been received at the Target eNodeB. At this point the target asks the source eNodeB to release resources for the UE. (Click on the message name above the arrow to see message details)