

**Docket Number:** TC15-062  
**Subject Matter:** Third Data Request  
**Response from:** NextGen Communications, Inc.  
**Request from:** South Dakota Public Utilities Commission Staff  
**Date of Response:** December 9, 2015  
**Responses Due:** December 9, 2015

3-10. How is origination accomplished?

Answer:

A 911 call origination is unchanged. A subscriber in a wireless, wireline or VoIP service provider network would dial 9-1-1, invoking routing instructions in the Originating Service Provider's network. These calls are sent to the CSP End Office in the NextGen environment, just as they are sent to the CSP End Office in the legacy environment. However, the CSP End Office will now need to send the 911 call to the Dallas/Raleigh data centers. To do this, the call is delivered to SDN where SDN will convert the call, if needed, from TDM to IP and then deliver the "data call" to the NextGen MPLS network. This is shown as Step (2) in Figure 2, below.

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