

**Docket Number:** TC14-002  
**Subject Matter:** First Data Request  
**Request to:** Intrado Communications Inc.  
**Request from:** South Dakota Public Utilities Commission Staff  
**Date of Request:** March 11, 2014  
**Responses Due:** April 9, 2014

**1-1) Please provide a detailed description on how the Applicant provides 9-1-1 emergency services to its customers. More specifically, please provide additional information on the following: 1) a diagram of the facilities that will be used along the entire call path, 2) whether those facilities are owned or leased, 3) how the 9-1-1 calls will be routed on the network, and 4) who is responsible for ensuring facilities are maintained along the entire call path.**

1) A diagram of Intrado's facilities it will use along the call path is attached.

2) Intrado intends to deploy its A9-1-1 System, which is an emergency network that provides advanced 9-1-1 ("A9-1-1") capabilities. The facilities used along the entire call path are leased by Intrado. Provisioning and maintenance of the facilities to reach Intrado's A9-1-1 gateways are the responsibility of the respective LEC or wireless provider. Connectivity to the Public Safety Answering Point (PSAP) is provided by Intrado over leased facilities from another LRC.

3) For wireline callers, calls are routed based upon the stored address associated with the telephone number (ANI) received by the Intrado A9-1-1 system during call set up and the PSAP pre-determined to provide emergency response based on the location of the caller. For wireless and VoIP callers, call routing is determined by the pseudo ANI (pANI) received by the Intrado A9-1-1 gateway and the PSAP pre-determined to provide emergency response. Similar to legacy wireline E9-1-1 operation, determination of which PSAP is to receive the call is dependent upon validation of the address stored with each telephone number or pANI record to the MSAG.

4) The underlying service providers from whom Intrado leases capacity are responsible for ensuring facilities are maintained along the entire call path. These carriers are responsible for monitoring and maintaining their facilities to the Intrado Point of Interconnection (POI), which is typically at the Intrado A9-1-1 gateway. Intrado monitors facilities from the Intrado POI to the PSAP.

**1-2) Please explain in detail how the Applicant interconnects with local exchange carriers.**

Local exchange carriers will interconnect with Intrado's A9-1-1 network over one or more DS(1) facilities that terminate on two geographically diverse A9-1-1 gateways. Each facility will be equipped with a minimum of two DS(0) voice circuits.

**1-3) Besides providing 9-1-1 emergency services, what "other local exchange telecommunications services" does the Applicant intend to, or plan to, provide under this Certificate of Authority, if approved?**

Intrado does not plan to offer services other than emergency 9-1-1 services at this time. Intrado will file an application for a Certificate of Authority to provide local exchange telecommunications services if it determines that it wishes to provide such service in South Dakota.

**1-4) If the Applicant decides to provide interexchange telecommunications service in South Dakota, would the Applicant file an application for a Certificate of Authority for interexchange service pursuant to 20:10:21:02? Or is it the Applicant's intent to receive authority to provide interexchange telecommunications service under this application?**

Intrado will file an application for a Certificate of Authority to provide interexchange service if it determines that it wishes to provide such service in South Dakota.