

**Secure Medical Records Transfer Network of
Oklahoma (SMRTNET)**

An Axial Executive Summary

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SECURE MEDICAL RECORDS TRANSFER NETWORK OF OKLAHOMA (SMRTNET)

SMRTNET is a regional health information organization (RHIO) based in Oklahoma that covers entities in all counties with the exception of two in the panhandle. SMRTNET, which stands for Secure Medical Records Transfer Network, is a system designed to improve participation in its member's healthcare, improve medical safety, save time, and potentially decrease some medical expenses. All of these services are currently offered at no charge.

SMRTNET does this by allowing health information, which is in various paper and electronic medical records, to be electronically combined in one place so providers can see all medical history at the same time. It was created to establish a privacy-protected system for sharing clinical information among physicians, hospitals and other health care service organizations in efficient and meaningful ways. The exchange is based on a centralized data model.

Patient Population and Content

SMRTNET currently incorporates 50 million records representing 2.8 million unique patients. The majority of the patients that are included in this network are patients that are part of the various Indian tribes / reservations in the geographical footprint of this network.

Data incorporated in these records are:

- Admission discharge transfer (ADT) report
- Laboratory data
- Diagnostic imaging info (in text form)
- Immunization information
- Notes (partial)
- Prescription and medication information

The SMRTNET network is able to extract sufficient information to construct a continuity of care document (CCD) but at this time the network does not support this type of format.

Technology

The platform is built on the Cerner platform that is being used in TN for the Ten Care network. There are partnerships with Cerner (Primary), GE, eClinicalWorks & Greenway, some of which are for interconnectivity and others for technology transfer. There is a 64/128 bit encrypted mechanism that is used for connectivity between the endpoints and the centralized repository. Data is not translated into a specific format, but is instead presented “as is” in a consolidated, web browser-based form.

Data Sharing

Provider partners have an agreement with SMRTNET to represent them for data sharing agreements. SMRTNET has a committee that reports to their board, which deals with both sustainability and governance. These individuals represent the stakeholders for most of the larger member organizations. There are currently plans that are in the governance of SMRTNET that allow for data sharing. This has yet to be utilized.

About Us

Axial Exchange has created a suite of products that extract clinical data from existing hospital information systems and deliver it in real-time to the people who need it:

- Primary care physicians receive real-time easy-to-read clinical information when patients visit the hospital, and prepare effectively for outpatient care.
- Medicaid case workers are notified of Emergency Department visits and prevent avoidable readmissions by ensuring that post-discharge treatment plans are followed.
- Researchers reduce patient recruitment costs for trials by identifying potential candidates as they enter the hospital.
- The Emergency Department receives real-time information collected during EMS transport, saving precious time in preparation for critical care.

For More Information

For more information about Axial Exchange, please contact us through any of the following:

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