



Quick Start Guide to Sensor Data Integration: **Data Transmission**

Sensor generated technologies should leverage transmission protocols that optimize:

1. The diversity and inclusion of the patients who can benefit from sensor generated data
2. Access for all patients and decision makers with appropriate permissions
 - Access best practices and nine action oriented resources from [DATAcc by DiMe's inclusion toolkit](#)

Data Transmission



For sensor data and its accompanying metadata to contribute to a data ecosystem driving clinical decision-making, the processes by which these data are transmitted must be considered.

Data should be transmitted using open data transmission protocols and standards

- Review current standards pertinent to data transmission [here](#)
- Learn about emerging API-based standards from [HealthIT.gov](#)
- Reference aligned [FAIR principle](#)

Beyond connectivity, data transmission optimization includes protocols that contemplate bandwidth, software updates, and firewall related issues

- Learn more about best practices pertinent to these issues in [The Playbook: Digital Clinical Measures](#)

Where appropriate, transmission protocols allow for authentication and authorisation procedures

- Access appropriate best practices, examples, and resources from [FAIR](#)

See quick-start guides on other ART criteria



[Data Collection](#)



[Data Processing](#)



[Data Privacy](#)



[Data Security](#)



[Data Quality](#)