

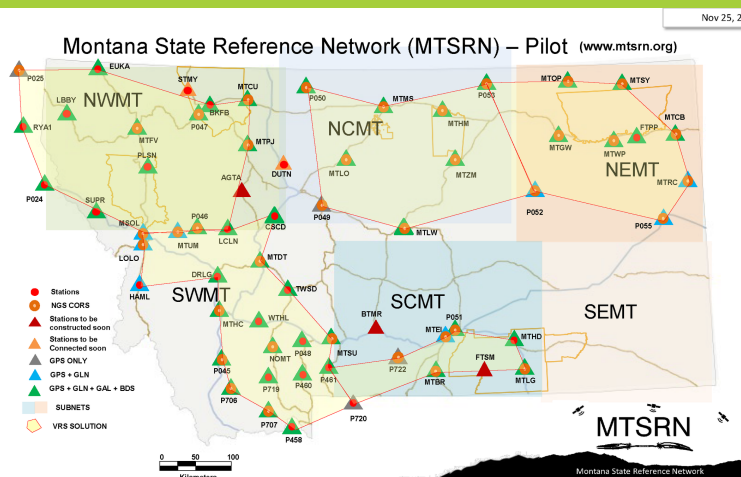
ESTABLISH ENTERPRISE FUND FOR MONTANA SPATIAL REAL TIME NETWORK

Primary Sponsor: Russ Tempel (R) SD 14

SB 60

WHAT IS A REAL TIME NETWORK (RTN)?

A Real Time Positioning Network (RTN) uses a network of GPS reference stations to provide high accuracy (1-3 cm) position information in real time. RTNs have been shown to save up to 75% of surveying time while delivering greater accuracy and significant cost savings. Montana RTN is currently running under pilot at no cost to users. If the proposed legislation passes, a subscription fee based on a cost recovery model will be implemented for a sustainable RTN.



For the most current map, please see http://mtsrn.org/Images/MTSRN_MAP.pdf

MONTANA RTN

- Launched March 2022
- 58 stations live
- 55% state coverage
- 225 user logins issued across 100 organizations
- Minimum of 130 stations required for 100% state coverage
- Partners include MDT, Tribal Nations, Missoula County, and Montana State University

BUSINESS MODELS FOR STATEWIDE RTN

Under a research grant, Montana State University provided business model recommendations that emphasize partnerships along with a competitive subscription fee. More information about this study can be found at <https://www.mdt.mt.gov/research/projects/planning/gnss.aspx>

WHO USES A REAL TIME NETWORK?



Transportation
Department



Land
Surveyors



GIS & Mapping
Professionals



Precision
Agriculture



Energy & Utility
Sectors



Public Safety &
Emergency