

DoIT Service Catalog

Service: Microwave Services

General information: Microwave Services provide basic communication and data transport circuits and communication facilities, including operation of the State microwave system and remote communication sites.

Purpose: There are currently no commercial comparisons for the needs agencies face in this arena.

Scope: Customers include the governments of cities, counties and the Executive and Judicial branches of the state. Also included are Federal Government agencies such as BLM, FBI, and the USFS.

Features: technical elements included – refer to Notes in the Options and Features table below as appropriate

Usage: At this time DoIT has approximately forty + customers leasing space and circuits. The backbone of the DoIT radio system is equipped for OC3 data speeds. Most of the spur sites have the capability of delivering 16 DS-1 circuits. The DoIT radio system is in operation 24/7 365 days of the year. The site maintenance personnel are on 24/7 call. The past performance has been 99%+ up time.

Value Proposition: The ability to locate communications equipment and transport voice and data information to remote locations throughout the State of Nevada that are not serviced any other State agency or in most cases private companies.

Future Plans: We are in the process of updating the radio system from analog to digital. At this time there is a complete loop around the state that is serviced by digital equipment. Spur site are continually being added to the system.

Options and Features		
Options/Choices	Cost	Notes
Mountain top communications site space rental. Tower space rental is also available.		The sites owned and operated by the State of Nevada are environmentally controlled with battery and generator backup support.
DS-1 circuits rental throughout the state.		DoIT has the facilities to transport DS-1 (T1) circuits throughout the state via the digital microwave system.

DS-0 circuit rental throughout the state.		DoIT has the facilities to transport voice grade circuits throughout the state via the digital microwave system.
Serial data circuits.		Doit can transport data circuits throughout the state with speeds up to 19,200 bps.

Access: In order to obtain services, please contact the DoIT Helpdesk by phone (775-684-4333) or email (helpdesk@doit.nv.gov). Services Level Agreements will be based on services requested.

Examples [*Typical customer and expected benefits*]: With approval, provide a testimonial.