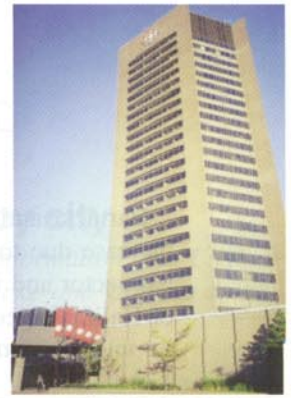




The shelving consists of a three-foot section on an eight-foot section. They can be removed and used elsewhere in the building where there are lower ceilings, should the need arise.

Mobile units are manually opened and closed. A person entering an aisle must lock the handle manually to prevent the aisle from being closed by someone else.



Legacy preserved

Radio Canada demonstrates the versatility of mobile storage for materials it keeps for decades

A legacy of broadcast material is stored at Montreal's **Radio Canada** building in mobile shelving installed by **Montel** that holds boxes, audio and video tapes and film.

The installation consists of 105 miles of shelving in a storage area measuring 18,000 square feet. Compared to fixed shelving, the mobile shelving saved 25,000 square feet of space.

"Each section has a special air conditioning system and the ventilation is specified for each room," explains Radio Canada project director Jean Claude, to provide an environment that will protect the film and tapes over long periods. Although the film has been cleaned and checked, it can emit odours and off-gas with time.

A firewall has been installed every 15 feet, consisting of two 1/8th inch thick metal sheets separated by a 1/2 inch air gap. A metal mesh above the shelving units ensures that, in the event of a fire, water from the sprinklers is well distributed. A lip on the supporting railing and a bar attached to the top of the units and running from wall to wall prevent tipping.

The shelving contains 150,000 16-mm films in a cold-room, 500,000 video tapes, 235,000 audio tapes and 19,600 linear feet of archival boxes.

(Left) A non-skid surface on the holders prevents audio cassettes from sliding out. Coloured dividers aid identification.



Audio tapes are identified by bar coding for swift access.



Film is stored in canisters colour-coded as to the condition of the film.



Video tapes are stored in a manner that will preserve them for 80 years.



Trays are contoured to accept two sizes of film canister.

