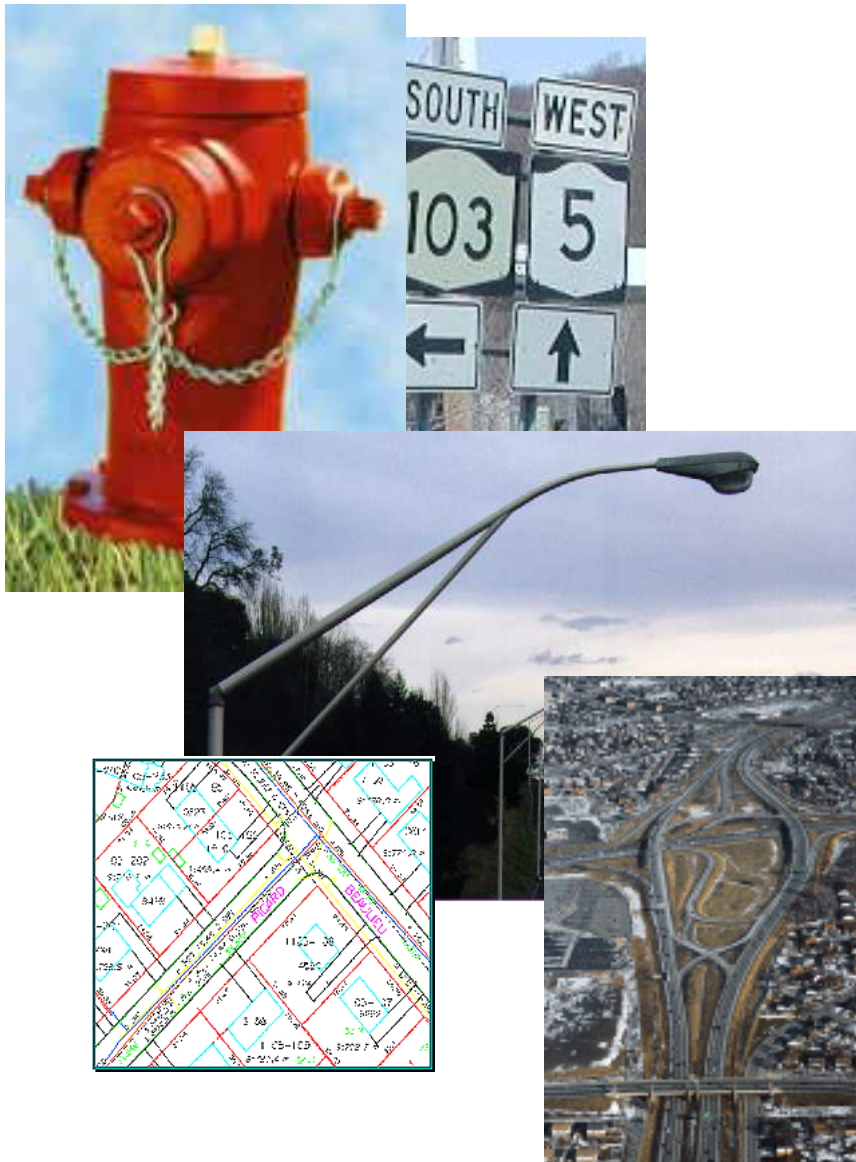


SRUIS MODULE

SIURS: Spatially Referenced Urban Information System

The SRUIS allows for a complete and efficient management of the various components of urban property. Created in Quebec for Quebec's municipalities, the SRUIS can perform easy georeferencing operations of municipal property. The module use a generic base on which multiple specific applications can be installed, built or accessed.



Main field of activity:

Basic topology

- Road system
- Hydrography
- Buildings
- Land tenure
- etc.

Infrastructures

- Aqueduct network
- Sewer system
- etc.

Signs and signals

- Road signs
- Traffic lights
- Road lines
- etc.

Lighting

- Lampposts
- Lamps
- Underground ducts
- etc.

Cadastre and Matrix

- Zoning
- Lot
- Assessment data
- etc.

MUNICIPAL APPLICATIONS

Characteristics of the module:

- **Continuous map**
The SRUIS gives a complete cover of the territory in one single unit of data. The whole of a municipality can be seen in one single view. This technique eliminates the limits seen on conventional map sheets (UTM or others) in terms of design, access and updates.
- **Multi-user access and project management**
The module is designed to operate in a context where several users can access and manipulate data at the same time. It possess project management mechanisms that update data and prevent collisions. The group of stations having direct access to a portion of a given territory is immediately updated following any modifications made by a given user.
- **Unequaled performance**
The technology on which the SRUIS is based possess powerful spatial indexation techniques that allows dozens of users to have direct simultaneous access to large volumes of data.
- **Varied groups of data types supported**
Topologic, Vectorial and Raster
- **Real-time or delayed link to diverse sources of informations**
The SRUIS manages with different sources of accessible information (heterogeneous and distributed databases).
- **Integrated browser**
The SRUIS includes a browser allowing the user to selectively locate objects of interest in their environments, to update them in a spatial context or to generate various pre-defined or "ad-hoc" reports of them.
- **Operational on installation and adaptable to the specific needs of the user**
Data models, symbol librairies, menus and screen capture templates are included but can be modified by the system administrator.

