

A conceptual model for an Automated Land Information Machine (ALIM)

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Introduction

- **GIS technology and Land information:**
 - Affect our behavior
 - Web based GIS and LIS
 - Online delivery, electronic transfer and sharing data
- **Purpose:**
 - Public access to land information?
 - Locating land objects, properties, and rules?
 - Conceptual model for an ALIM?

ALIM basic concepts

- **Electronic device,**
- **Electronic user's card**
- **Interface: card reader, numeric keyboard, screen**
- **Output device: editing sheets and small maps**
- **Driving directions from/to locations**
- **Land property information**
- **Tax information on properties**

How to function?

- **Consortium of land information offices/map agencies**
- **Providing data to share via ALIM**
- **Consortium server: connection offices/agencies**
- **Interaction with public users: ALIM**

ALIM system

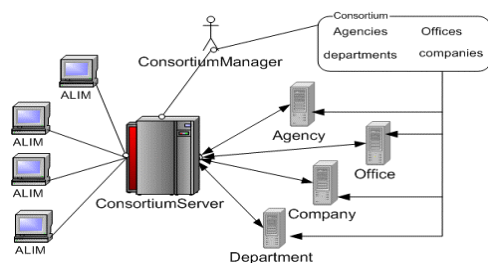


Figure 1: The consortium of Land Information System agencies

Mission: consortium/members

- **Consortium:**
 - standards and guidelines
 - Determine fair fees to pay by agencies as memberships
- **Members:**
 - Develop computerized applications
 - Provide services for users.

