

# NILS Alternatives

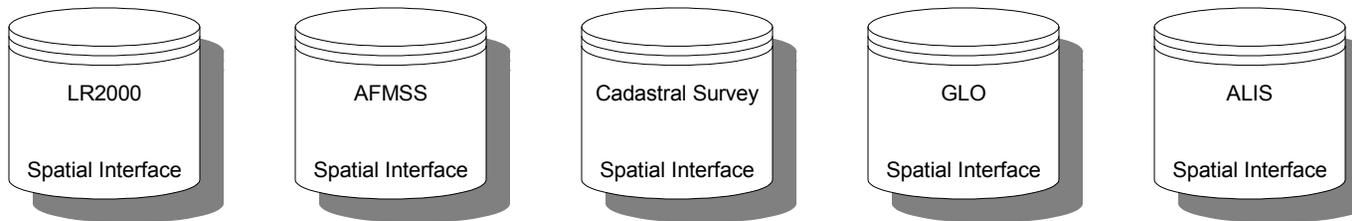
April 10, 2000

# NILS Goals

- Improve land, resource and title information
- Promote information sharing
- Implement a FGDC Cadastral Data Standard
- Delivery of quality services to our customer
- *Formulate alternative approaches for spatial access*

# Alternative 1: Each System With “Stand-Alone Spatial”

- Existing alphanumeric BLM systems stay the same
- Spatial access is incorporated into any BLM system
- No integration at any level



- **Pros:**

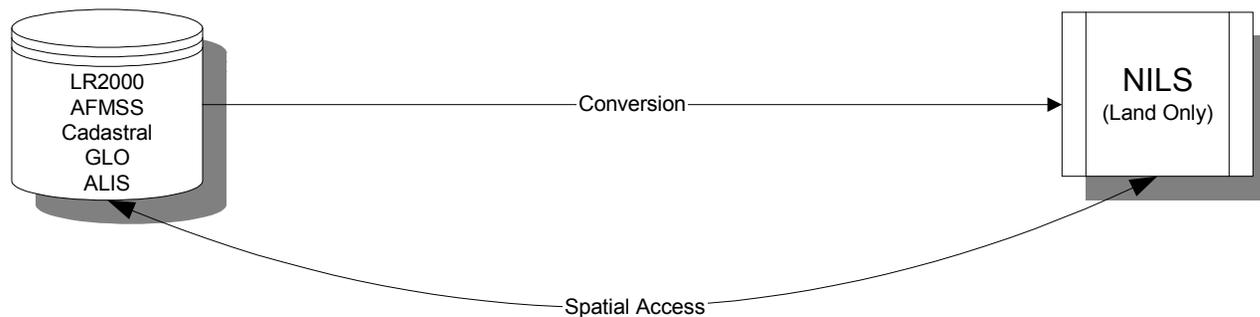
- BLM systems unchanged; applications, data remain as they are now
- Limited user retraining required for spatial

- **Cons:**

- No integration
- Current land problems stay in data, no data clean up
- Multiple GIS Interfaces
- Maintenance of separate systems

# Alternative 2: NILS Integrated Land, One GIS

- Existing BLM systems' land data converts to NILS
- Seamless spatial access to NILS from BLM systems



- **Pros:**

- BLM systems gain spatial access to land data
- Conversion of land data to NILS
- Utilizes national standard (FGDC)
- BLM land data cleaned up
- Single source for maintaining land data

- **Cons:**

- Maintenance of separate systems for land and non-land data
- Changes required to existing BLM systems
- Some user re-training required

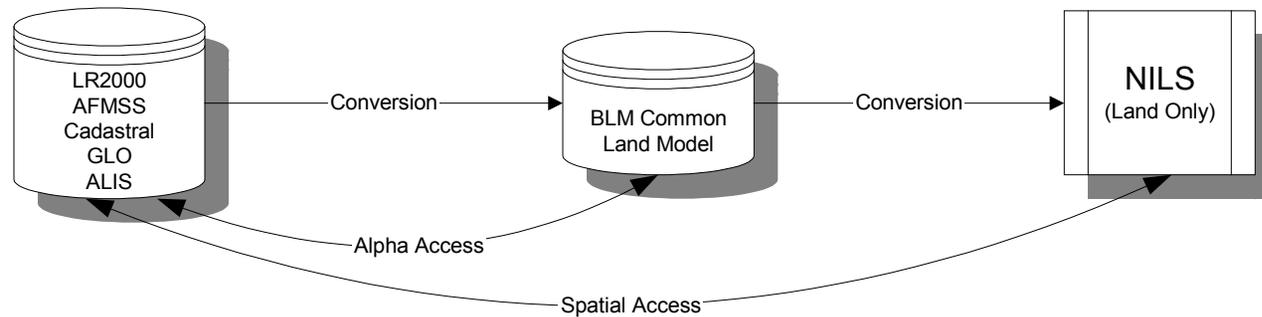
# Alternative 3: Phased Approach To NILS Integrated Land, One GIS

A. Land data converted to BLM common Land Model

- Alphanumeric access to land

B. Land converted from BLM Common Land Model to NILS

- Spatial access to NILS from BLM
- BLM Common Land Model phased out



## • Pros:

- Spatial access to land data
- Utilizes national standard (FGDC)
- BLM land data cleaned up
- Delivers interim business benefit until NILS is available

## • Cons:

- Changes required to BLM Systems to use Common Land Model
- Changes required to BLM Systems to use NILS
- Two conversions required
- Some user re-training required
- Maintenance of separate systems