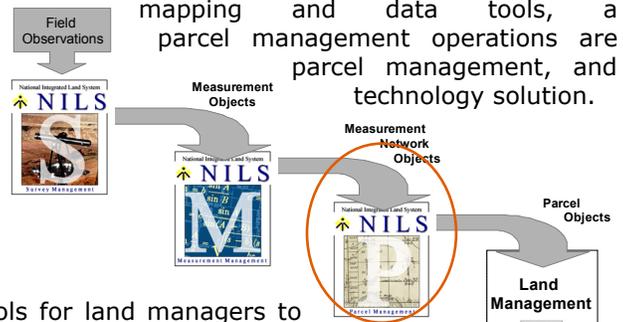


National Integrated Land System

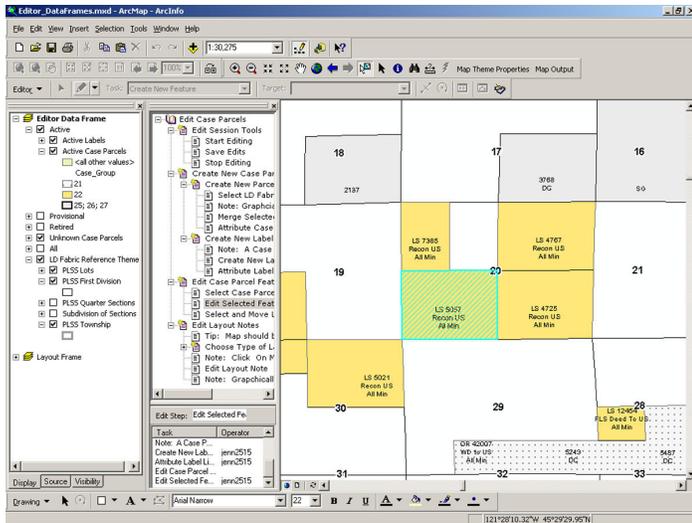
The National Integrated Land System (NILS) is a joint project between the Bureau of Land Management (BLM); USDA Forest Service (USFS); and state, county, and private organizations. NILS will provide a business solution to land managers who face an increasingly complex environment of complicated transactions, legal challenges, and deteriorating and difficult-to-access records.

As part of the NILS solution, the specialized fields of land surveying, land records management, and GIS technology are unified in an enterprise computer application. In-field measurement management engine to analyze survey data, and implemented in the application. The integration of surveying, GIS provides land managers with a complete field-to-fabric



Parcel Management

Parcel Management is a desktop GIS application that provides tools for land managers to create and manage parcel features and their legal area descriptions. The parcel fabric is vertically integrated with survey features captured and managed using the Survey and Measurement Management applications. Through vertical integration, changes in the survey fabric can trigger changes to the legal description and parcel fabrics. The first release of Parcel Management was September 2003.



Data Model - The NILS data model is derived from the ArcGIS Parcel Data Model and the FGDC Cadastral Data Content Standard. The NILS surveying and parcel data model fulfills the needs of the surveying and land records management groups and organizations. It provides an enterprise solution that maximizes data exchanges. The model is available for implementation by the public.

Workflow Management - A controlled computing environment, which maintains a standardized set of parcel management business practices and tasks. The Workflow Manager is fully configurable, and allows application administrators to define a set of standard business processes for creating and maintaining land records.

assistant. The NILS Parcel Management Task Assistant provides functionality to support step-by-step guidance in performing detailed GIS editing tasks. It supports pre-defined enterprise business processes.

Digital Map Products - The Parcel Management tools will include a set of map templates for automated production of standard map products such as BLM's Master Title Plat.

