So Your Data Is Converted … Now What ?

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Will All Your Hard Work Pay Dividends Or Not?

- Data Conversion Considerations
  - Data Model Selection
  - Graphical Data Conversion
  - Tabular Data Conversion
- Updating and Maintaining Data

Data Model Selection

- Select A Data Model That Allows For:
  - Unique feature types
  - Expandability
  - Relates historical and associated information
  - Aligns with third party software (data model may need to be customized to function)

Graphical Data Conversion

- Select Feature Types
  - Determine “Required” Feature Types
- Select An Appropriate Database
  - Desktop Databases
  - Network Databases

Tabular Data Conversion

- Assign Attribute Data
  - Create a key field
  - Use Multiple Data Sources
    - Existing Data
    - Annotation
    - Hard-Copy maps
  - Normalize Data

Updating and Maintaining Data

- Graphical and Tabular Data Association
  - Adding New Data
  - Deleting Data
- Key Field
  - Updating
  - Maintaining Uniqueness

Now The Data Is Converted. Here Is How You Make Your Dividends Pay Off...

Selecting An Analytical Mapping Tool

- Factors To Consider In Selecting A Tool
- Evaluate Application Options

Factors In Selecting a Tool

- Establish Departmental, Agency, & User Needs
  - Should be a clear definition of what is needed
  - Should be a method for Evaluating Software
- Internal Employee Abilities
- Cost of Software
  - Hard costs versus soft costs

Application Options

- ArcView Software
  - Extensions
- Internal Development
  - ESRI sample scripts
- Third Party Applications
  - BaySys's *Infrastructure Analyst*
  - Azteca's *City Works*
  - Others

Infrastructure Analyst

- Query Analysis Tools
  - Logical Expression Builder
  - Identify Tool
  - WNM Queries
  - Hydrant Radius
  - Network Traces
- Mapping Tools
  - Specialty Layouts

Sample Of Analytical and Mapping Tools

Conclusions

- Successful Data Conversion is Critical for Usage
- Importance of Selecting or Creating Analysis Tools
- Keeping an Eye on New Technology