

Making Public GIS Data More Free & Open

Randy Knippel

Dakota County

MetroGIS Data Producer Workgroup

8 County Collaborative

Background

- Policy Board meeting – Jan 23
- County Data Producer Workgroup & 8 County Collaborative role
 - General data distribution policies
 - Desire uniformity
- Coordinating Committee – March 22
- Policy Board workshop – April 24

History

- Minnesota Statutes, Chapter 13.
Government Data Practices
 - 13.03 Access to government data
 - Subd.3 (d) “... public government data that has commercial value ... the responsible authority may charge a reasonable fee for the information in addition to the costs of making and certifying the copies.”

Data Licensing

- Disclaimer
- Copyright
- No redistribution
- No derivatives

GIS Data Policy History

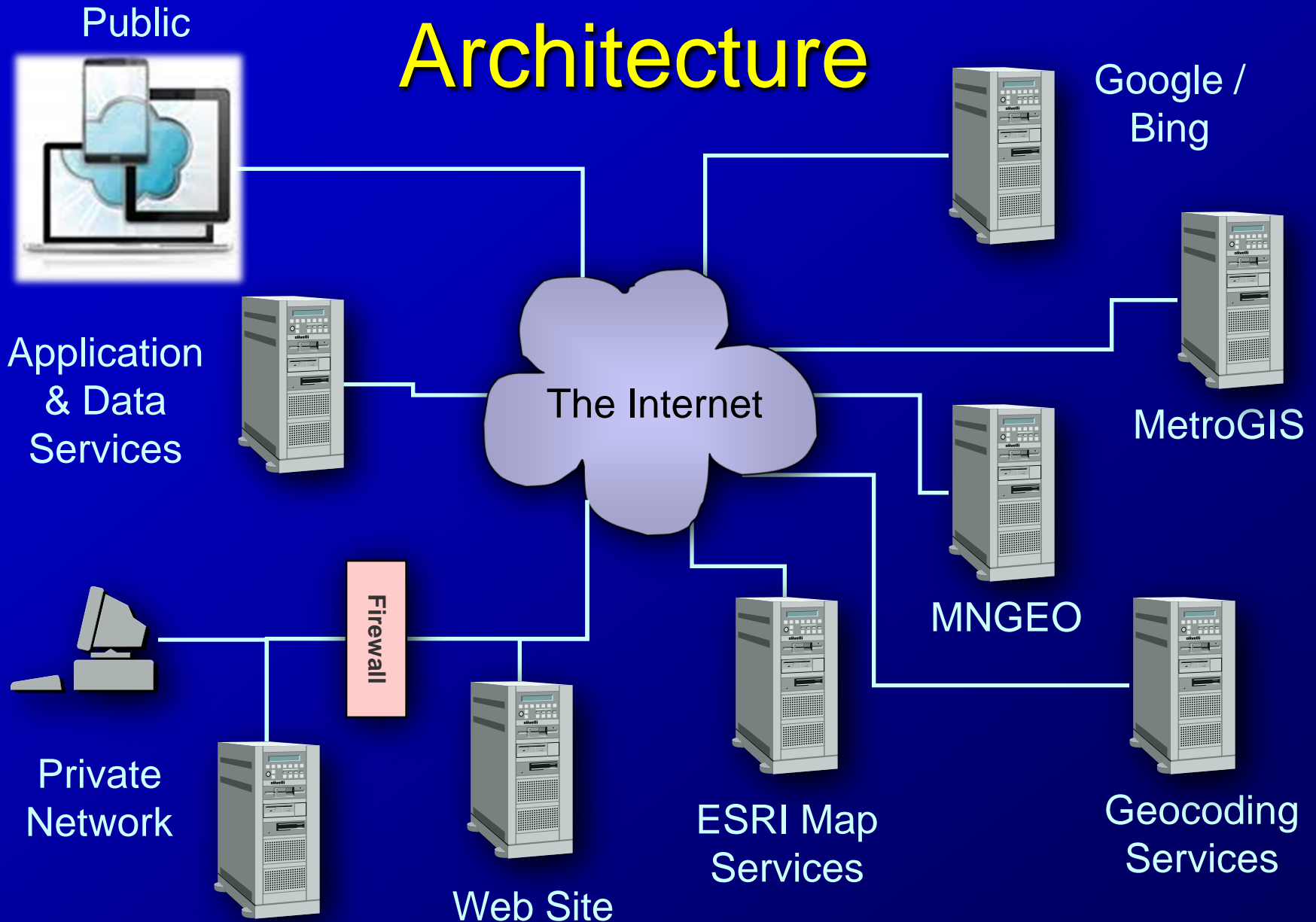
- 1980's
 - Licensing and fees
- 1990's
 - MetroGIS, parcel data license
- 2000's
 - Internet maps, smartphones
- 2010's
 - Dramatically changing public expectations

Public Expectations



- Internet
- Computing power
- Smartphones & tablets
- Social media
- Data

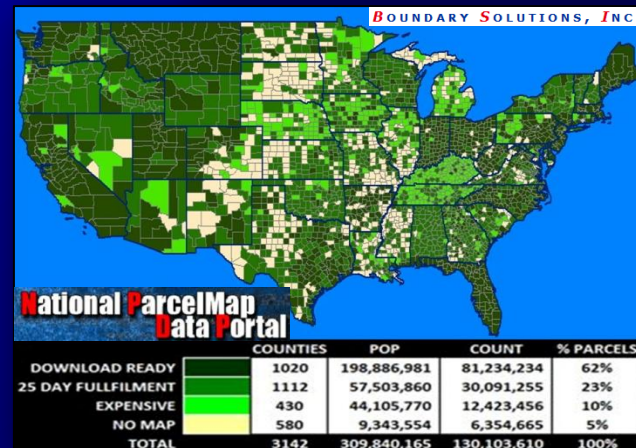
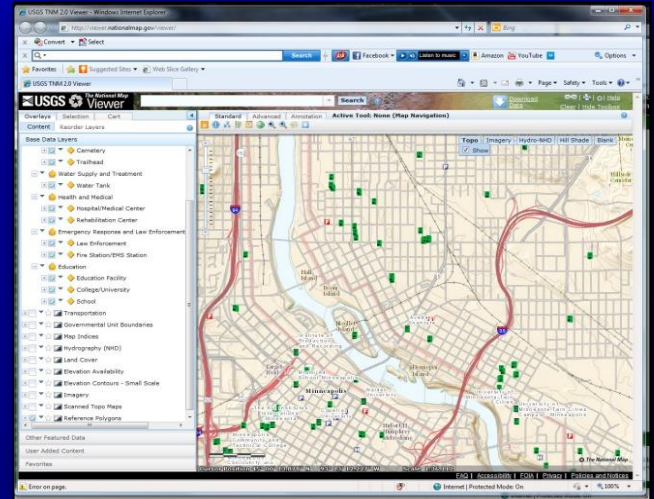
Services-Oriented Architecture



Open Data Trends

The National Map

- State
 - Geospatial Commons
- Federal
 - USGS, DHS, NSGIC, FGDC
- General Public
 - App Economy, Crowd-sourcing



Minnesota Legislation - 2013

- 2013-16E.30 Geospatial Information Office
 - Subd.11 Government sharing of electronic geospatial data
 - “Electronic geospatial government data must be shared at no cost with government entities...”

Free and Open Data Benefits

- Represents transparent government
- Creates staff efficiencies
- Fosters entrepreneurship
- Provides authoritative data
- Meets increasing demand
- Enables innovation

Free and Open Data Concerns

- Decreases revenue
- Compromises privacy
- Increases liability

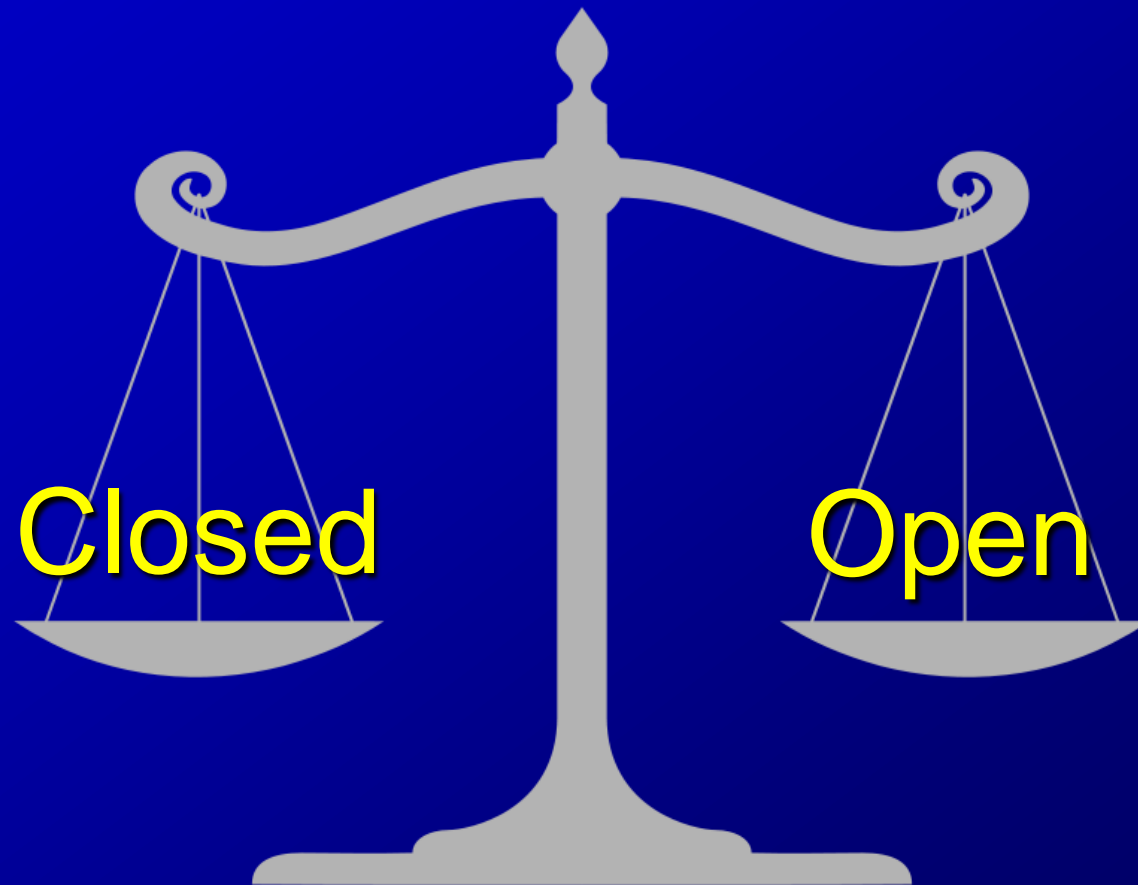
Liability

- Minnesota Statutes, Chapter 466. Tort Liability, Political Subdivisions
 - 466.02 Tort Liability
 - “... every municipality is subject to liability ...”
 - 466.03 Exceptions
 - Subd. 21. Geographic Information Systems (GIS) data.
 - “... if the municipality provides a disclaimer ...”
 - “... accurate for its intended use ... and may be inaccurate for other uses.”

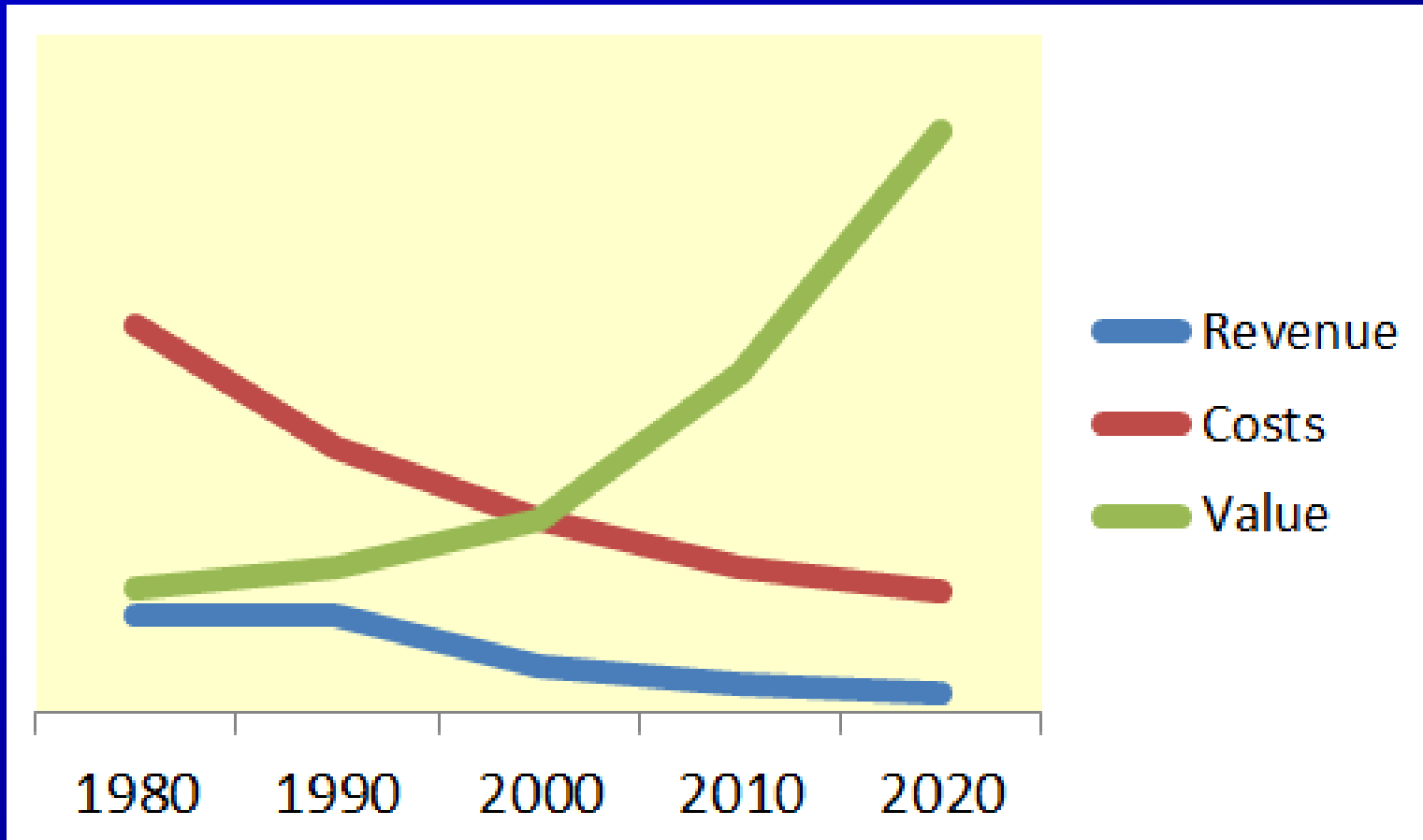
Reference Materials

- MetroGIS 'White Paper'
- Existing Practice Interviews
- Public Data Case Law Summaries
- Minnesota Statute Language
- Disclaimer Language

GIS Data Value



GIS Data ROI



Free and Open Data Assumptions

- GIS data is considered a public investment for the benefit of all
- Investment in GIS data is justified by government business processes
- Government entities will proactively collaborate to distribute GIS data costs

Potential Counties' Role

- Address any remaining liability issues
- Start with data already available under current licensing / fee policy
- Leverage current and emerging data warehousing opportunities
- Demonstrate leadership

Next Steps

- Adopt resolution supporting more free and open data policies
- Direct letter to MetroGIS government stakeholders
 - Publicly publish letter and all supporting materials, including sample resolution
- Be messengers and champions

