# TIGERweb
# Serving TIGER Data

Ricardo J Ruiz
Chief, Spatial Products Software Branch
Geography Division
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United States Census Bureau

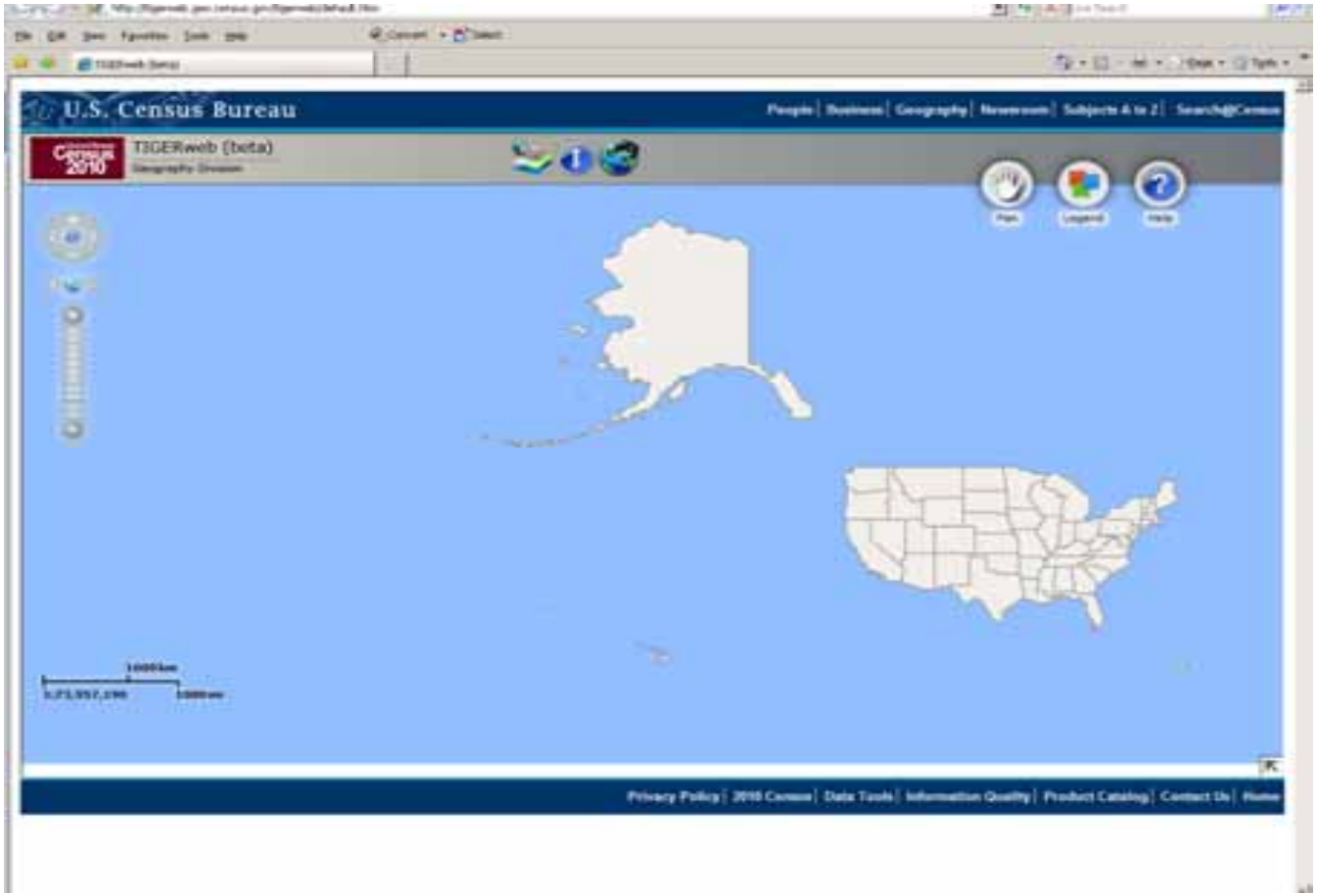
# TIGER

- Oracle Database
- Legal and Statistical Boundaries
  - States, Counties, American Indian Areas, Blocks, etc.
- Transportation Features
  - Roads and railroad tracks
- Hydrography
  - Rivers, lakes, swamps
- Others
  - Landmarks, Military Installations

# Evolution of Published TIGER

- TIGER/Line Files
  - ASCII files
  - Needed TIGER to Shape Tool
- TIGER/Line Shapefiles
  - Ready to Use
- Partnership Shapefiles
  - Ready to Use
  - Special Attributes to Facilitate Exchange

# TIGERweb

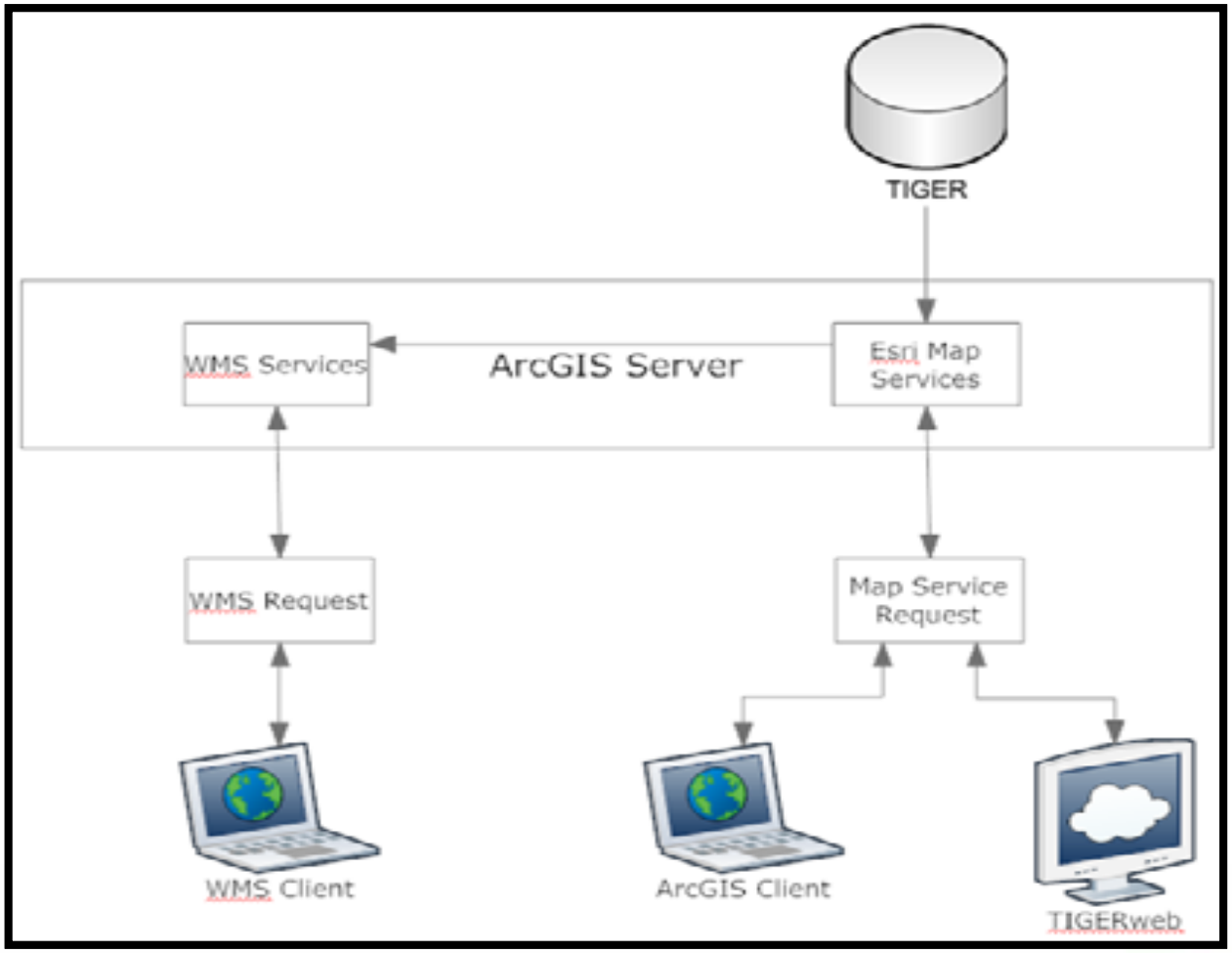



\\tigerweb.geo.census.gov

# Geospatial One-Stop Initiative

- Open Geospatial Consortium Standards
  - Web Map Service (WMS)
  - Web Feature Service (WFS)

# TIGERweb Architecture



# Gaia Demo

United States Census Bureau

**Use Case 1**

Identify counties that fall within the window defined by the following Web Mercator coordinates (in meters):

Lower left corner of window: (-11677320.6306, 4811471.5587)

Upper right corner of window: (-11677319.5174, 4811526.3338)

http://tigerweb.geo.census.gov/ArcGIS/rest/services/State_County/MapServer/2/query?text=&geometry=-11677320.6306%2C4811471.5587%2C-11677319.5174%2C4811526.3338&geometryType=esriGeometryEnvelope&inSR=&spatialRel=esriSpatialRelEnvelopeIntersects&relationParam=&objectIds=&where=&time=&returnCountOnly=false&returnIdsOnly=false&returnGeometry=false&maxAllowableOffset=&outSR=&outFields=NAME%2CSTATE%2CCOUNTY&f=json&pretty=true

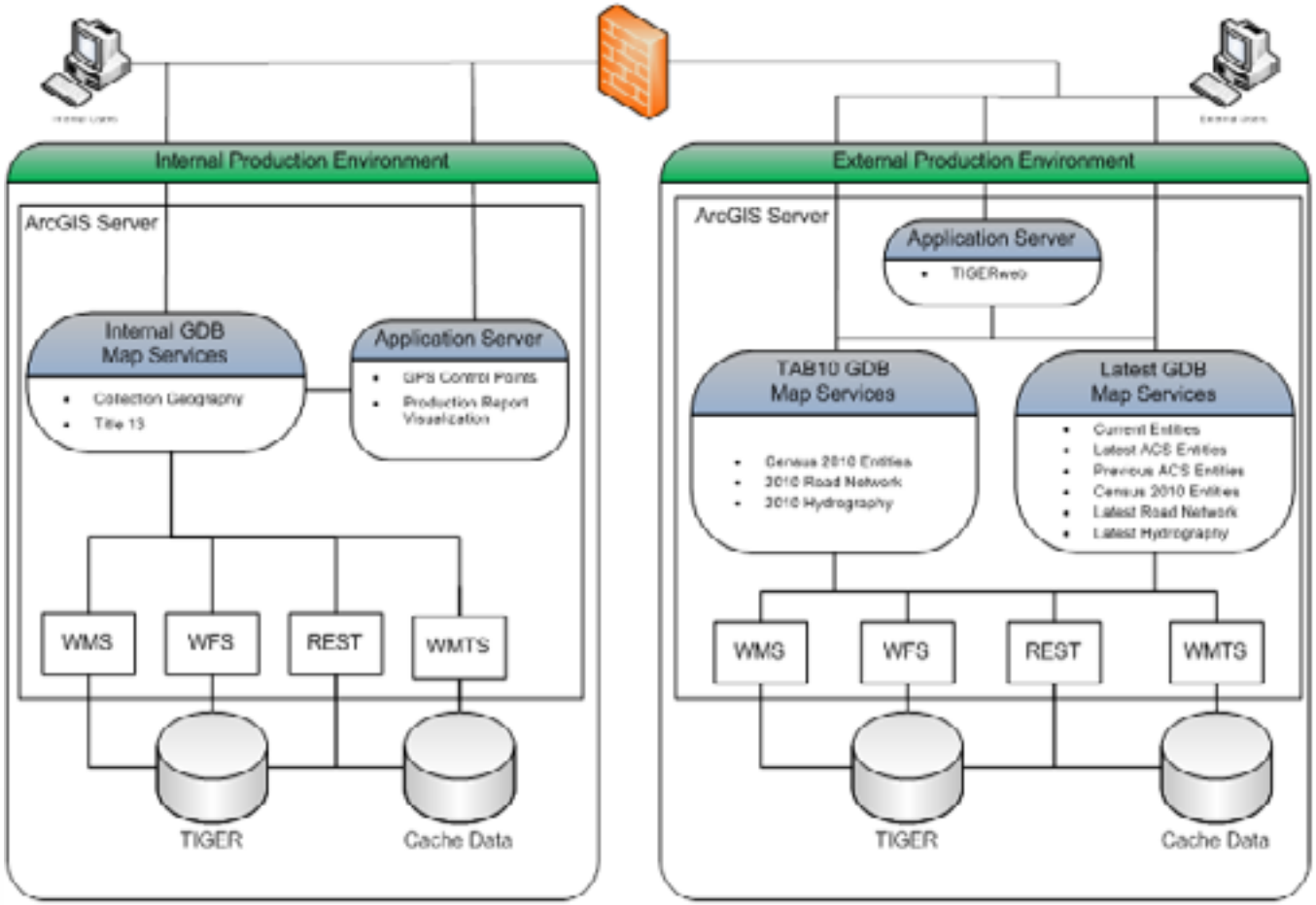
**Use Case 2**

Identify the county subdivisions that overlap the following Web Mercator coordinate.

Point: (-8589004.8142, 4708169.6038)

http://tigerweb.geo.census.gov/ArcGIS/rest/services/Places_CouSub_ConCity/MapServer/0/query?text=&geometry=-8589004.8142%2C4708169.6038&geometryType=esriGeometryPoint&inSR=&spatialRel=esriSpatialRelIntersects&relationParam=&objectIds=&where=&time=&returnCountOnly=false&returnIdsOnly=false&returnGeometry=false&maxAllowableOffset=&outSR=&outFields=NAME%2CSTATE%2CCOUNTY%2CCOUSUB&f=json&pretty=true

# TIGERweb Plans



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Comments or questions?

Geo.tigerweb@census.gov

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