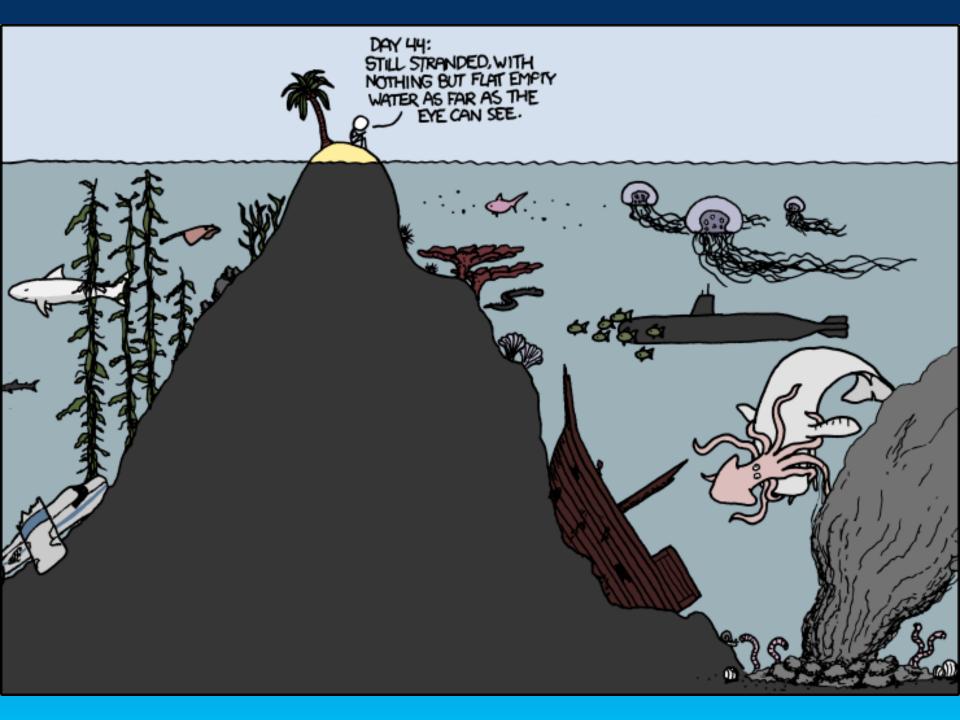


IHO MSDI Open Forum

ArcGIS: Charting New Value for your Data

Geoffrey Gomez and Rafael Ponce





There is a world to discover below water

The Three "V"s, defined by Gartner1

- Volume
- Velocity
- Variety



¹ Gartner Press Release, "Gartner Says Solving 'Big Data' Challenge Involves More Than Just Managing Volumes of Data", June 27, 2011,

CyberGIS Software Integration for Sustained Geospatial Innovation

CyberGIS Project

- A National Science Foundation-funded project that aims to establish a fundamentally new software framework via seamless integration of cyberinfrastructure, GIS and spatial analysis/modeling capabilities.
- Lead by the University of Illinois, Urbana-Champaign and involving scientists from Arizona State, University of Washington, the San Diego Supercomputer Center, UCSB, the US Geological Survey (USGS) and the Department of Energy's Oak Ridge National Lab (ORNL)
- Esri is a project partner.















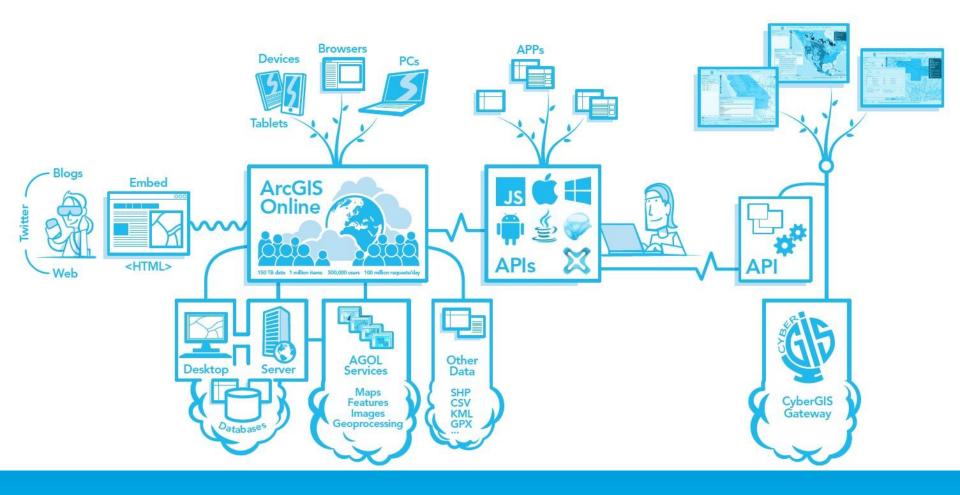






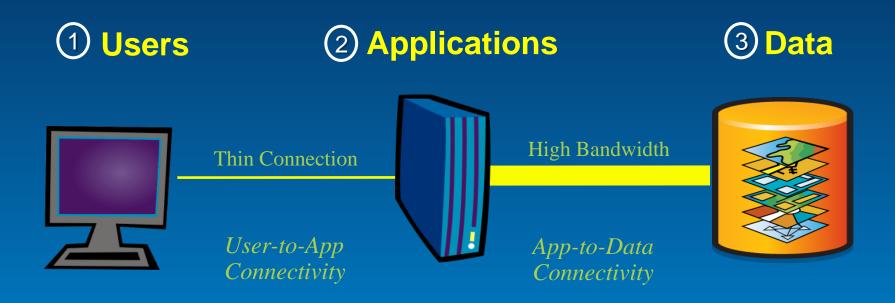


CyberGIS Gateway and ArcGIS Online Integration

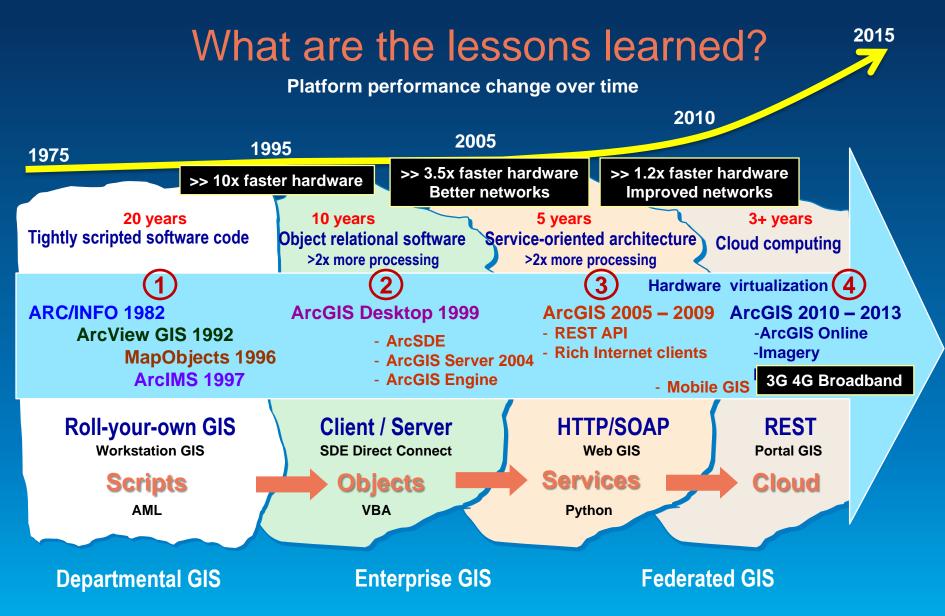


Architecture

Three Elements & Two Networks



GIS software evolution



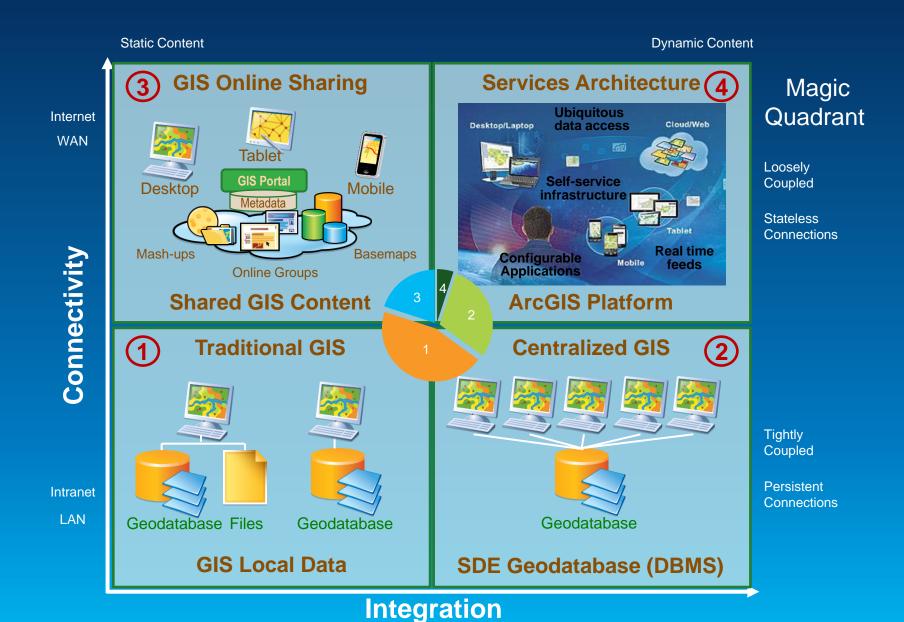
...Technology drives innovation

Gartner Magic Quadrant for Business Intelligence and Analytics Platforms As of February 2013



Magic Quadrant

Emerging Technology Trends in GIS



AGOL: Most Significant Innovation in 20 years



Empowers any user to create their own Web Maps.....using only a browser!

Demo

MSDI in Action

Geoffrey Gomez









Understanding our world.

