



Wisconsin Enterprise Geographic Information Services (WEGIS)

SOA What?

Wisconsin Enterprise GIS and Geospatial Services Model

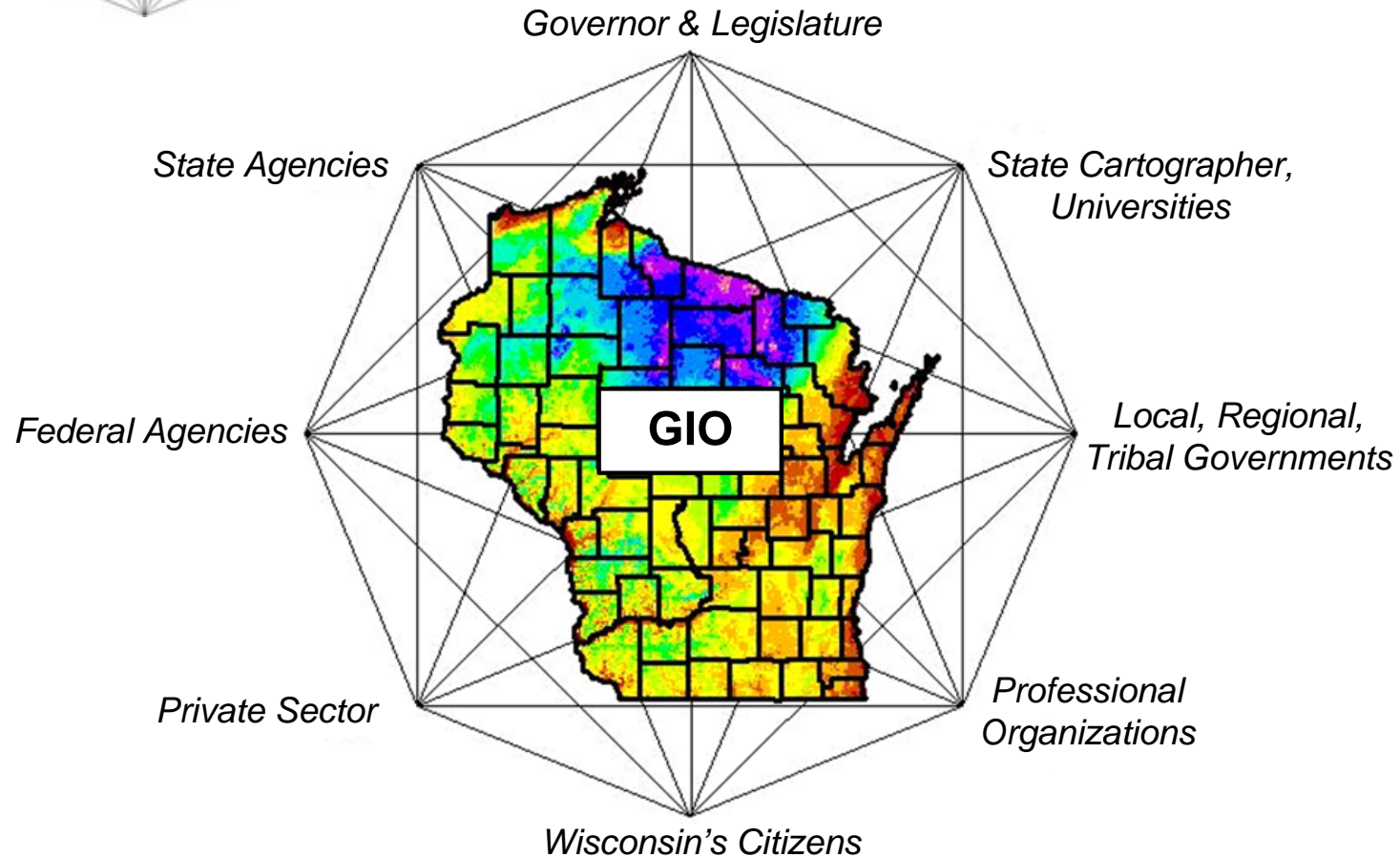
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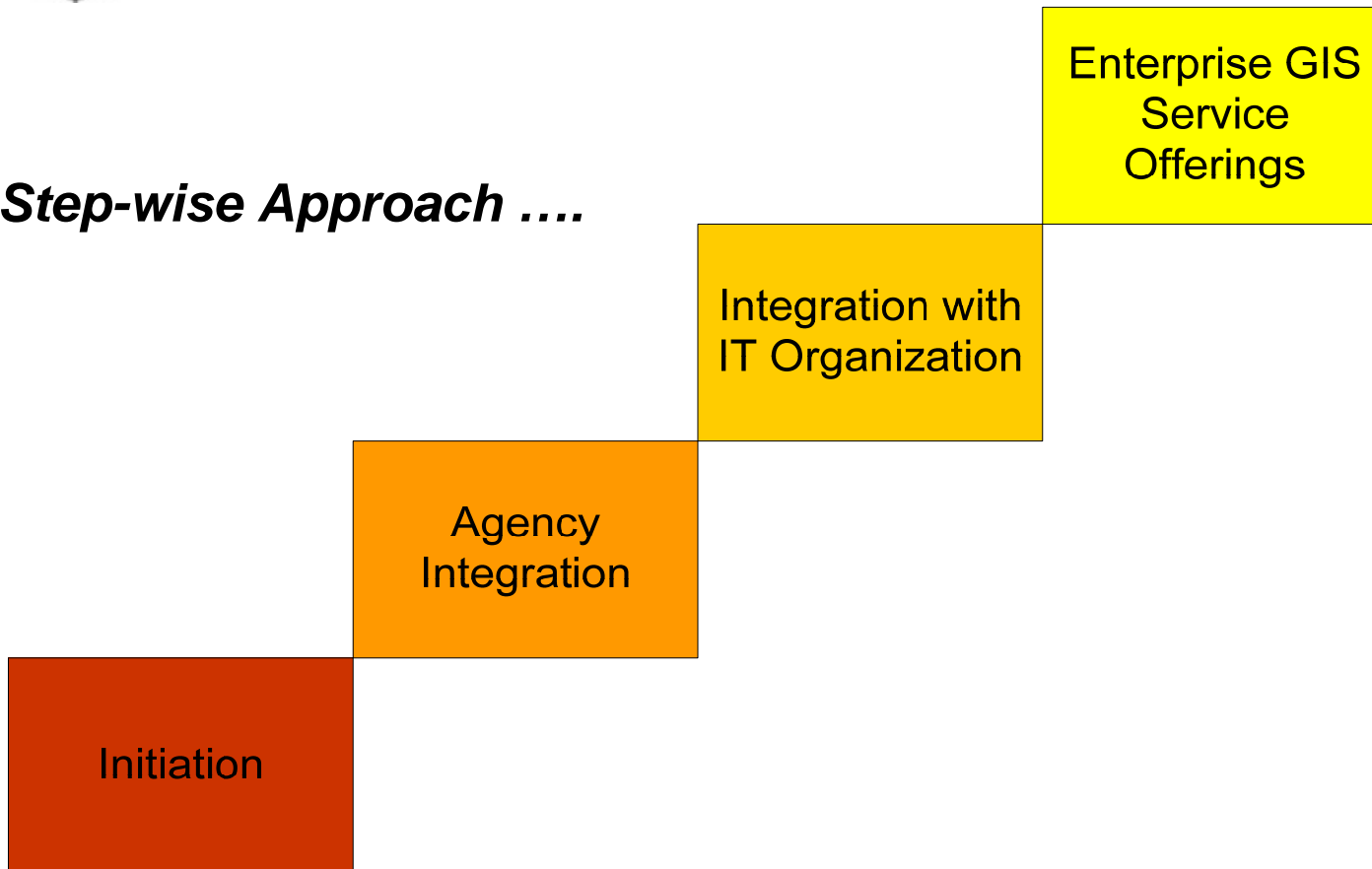
The Role of the GIO In State Government





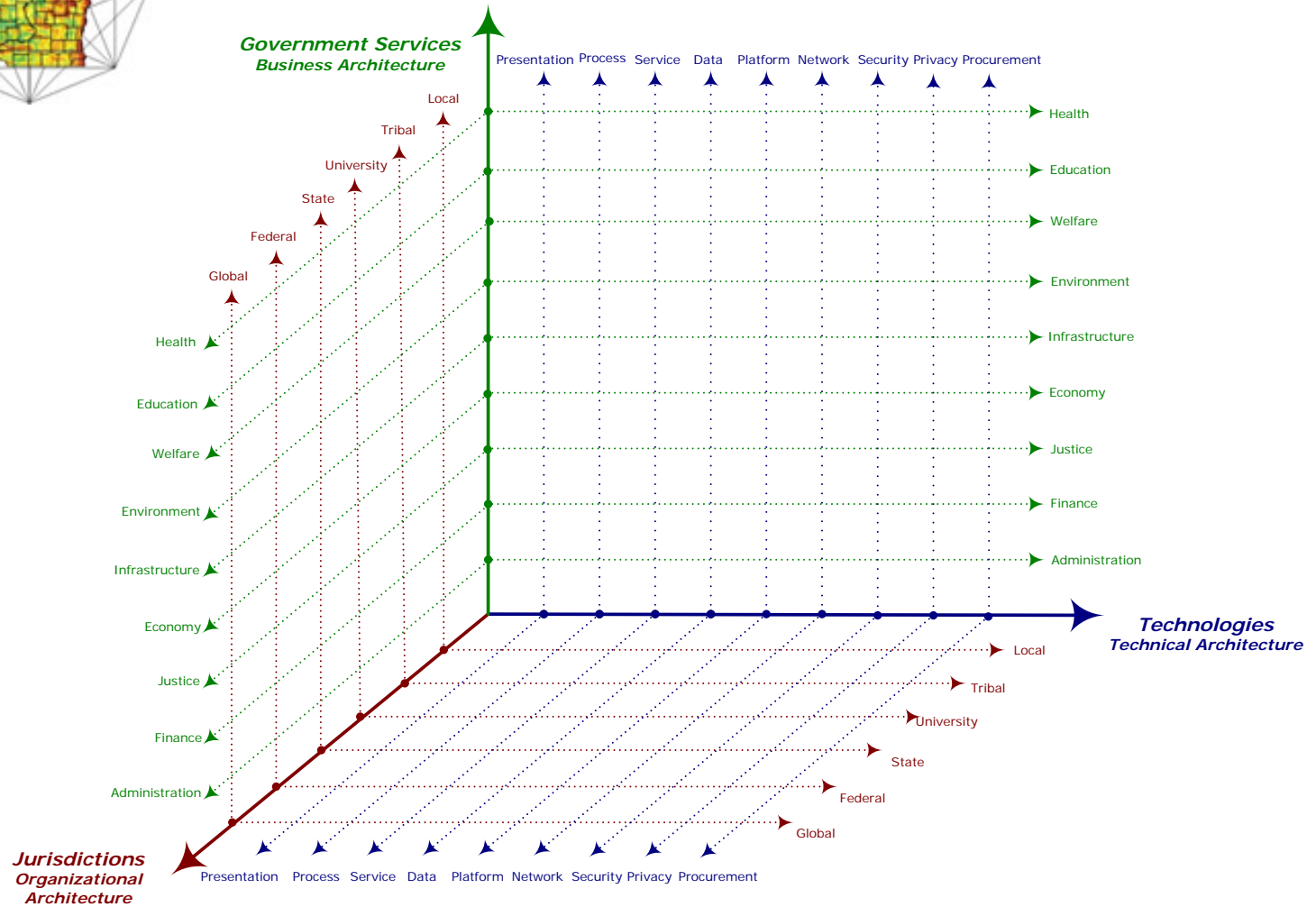
Wisconsin Enterprise Geographic Information Services (WEGIS)

A Step-wise Approach





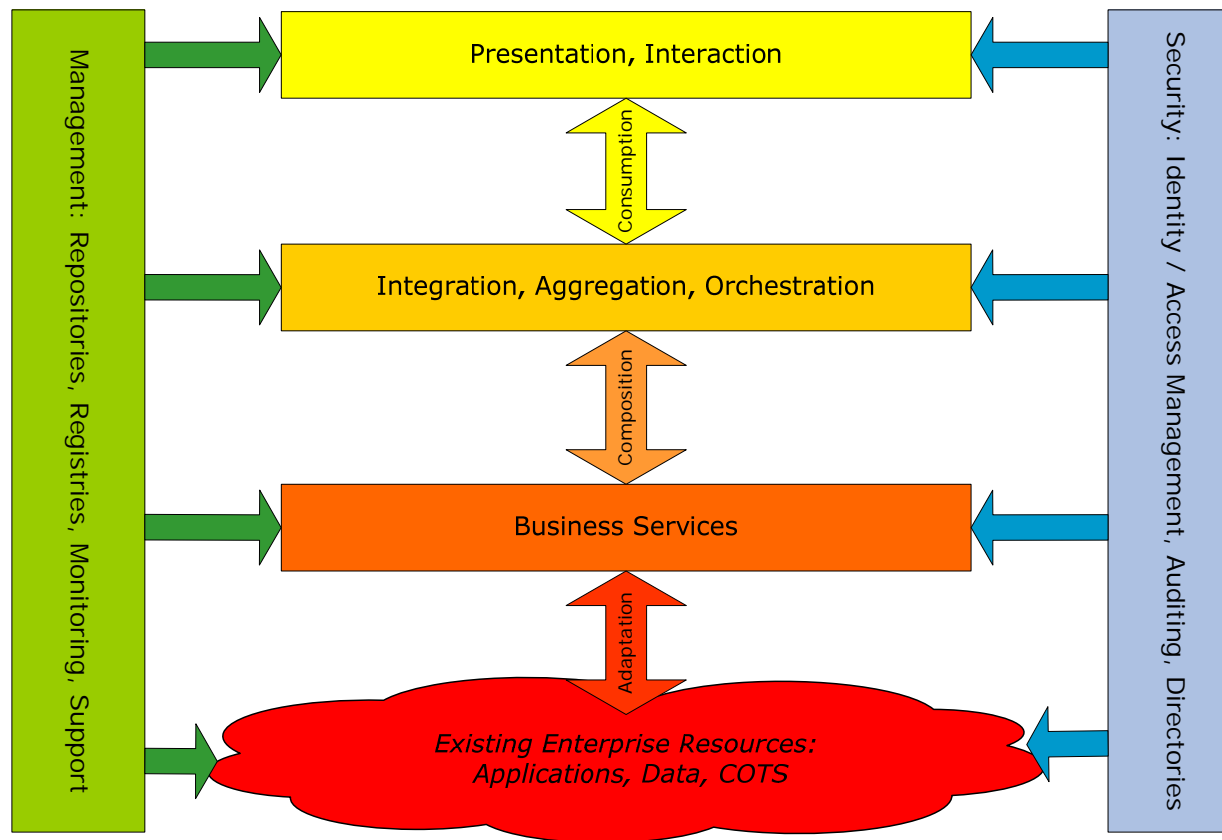
Service Oriented Government Model



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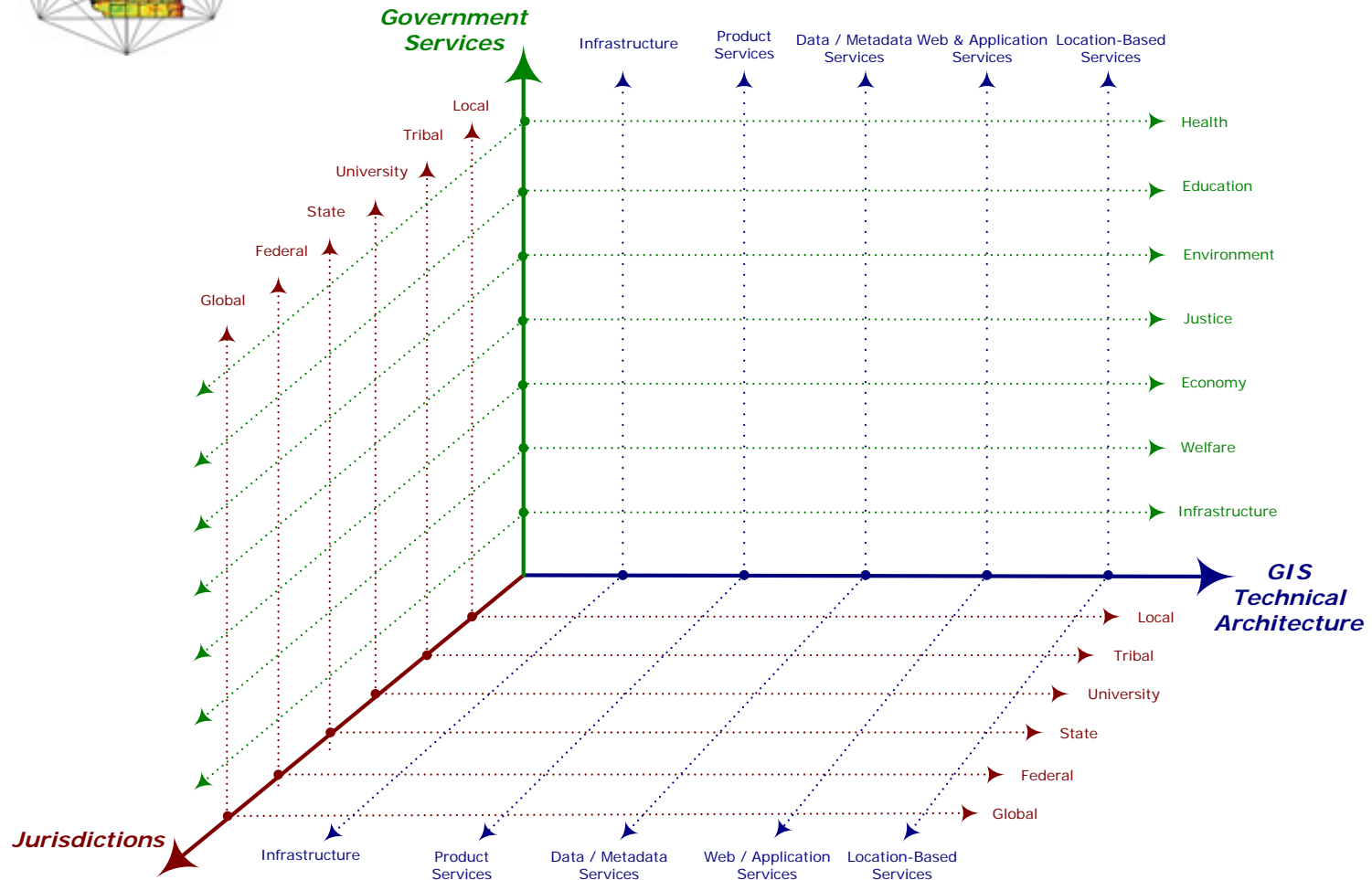


Enterprise Service Layers





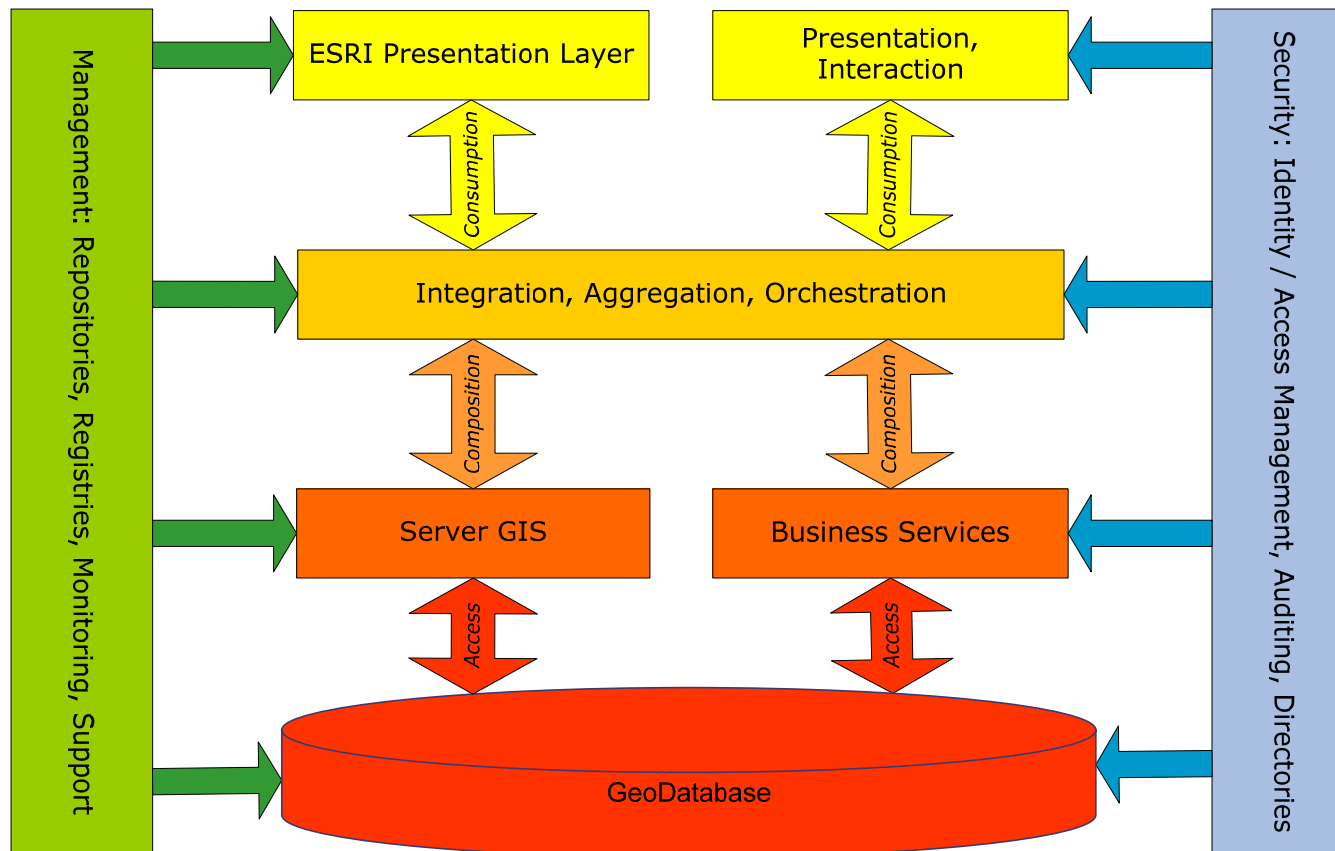
Geo-Spatial Service Oriented Government Model



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GIS and Business Service Integration





WEGIS – Strategic Goals, Services and Projects



- + Enterprise GIS Community**
- + GIS Communications Program**
- + Wisconsin Enterprise GIS (WEGIS) Strategic Plan**
- + Enterprise GIS Data Repository**
- + WEGIS Web Mapping Infrastructure and Services**
- + Enterprise Addressing Tool**



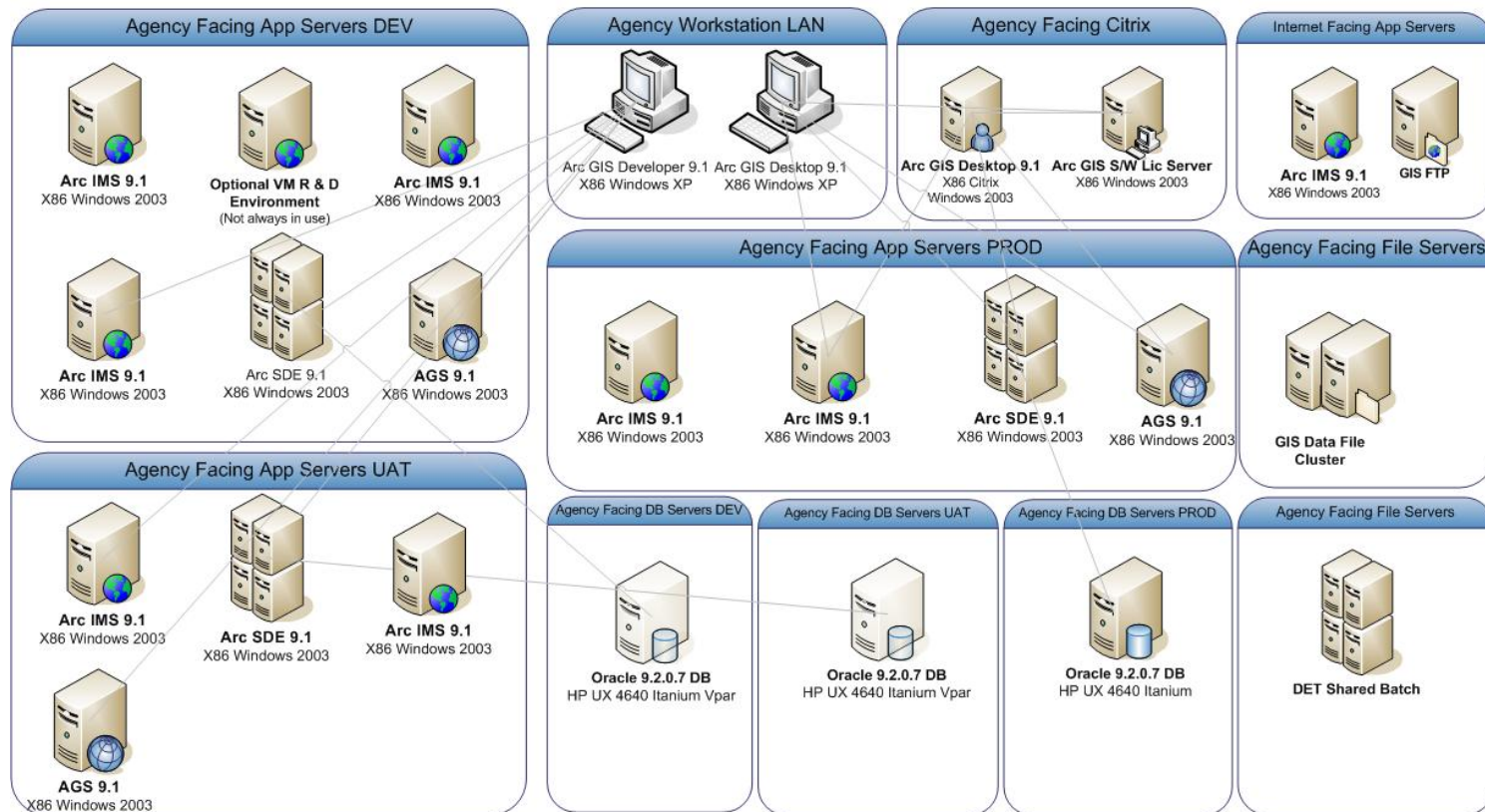
The Current Geo-Spatial Services Landscape in Wisconsin



- ✚ **Primarily built project by project**
- ✚ **Program specific needs addressed**
- ✚ **Data Sharing is mostly ad hoc**
- ✚ **Agency haves / have nots**
- ✚ **No current Enterprise Services in place yet.....**
- ✚ **Planning for GIS/SOA in-progress**



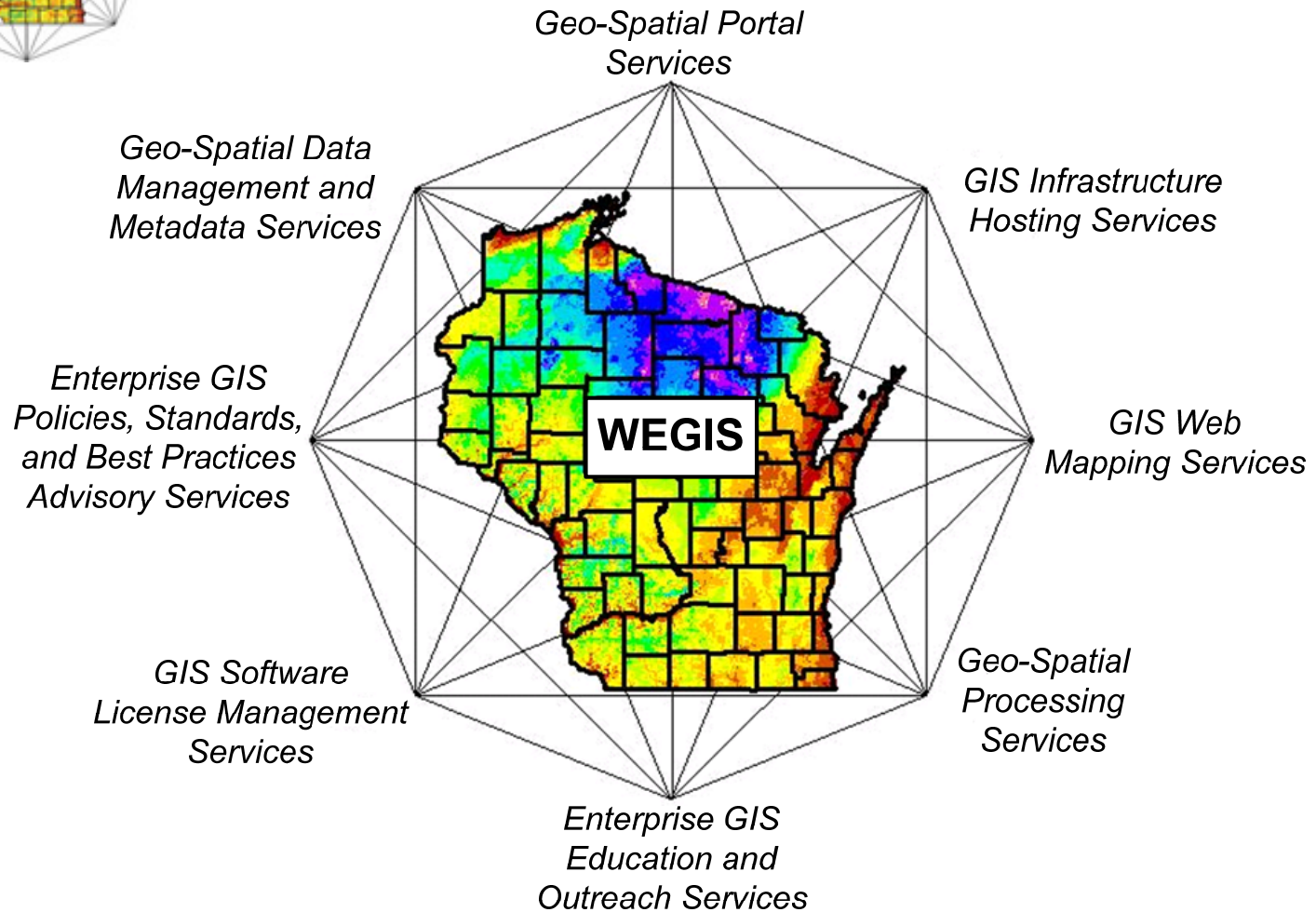
WEGIS – GIS Server Infrastructure Design



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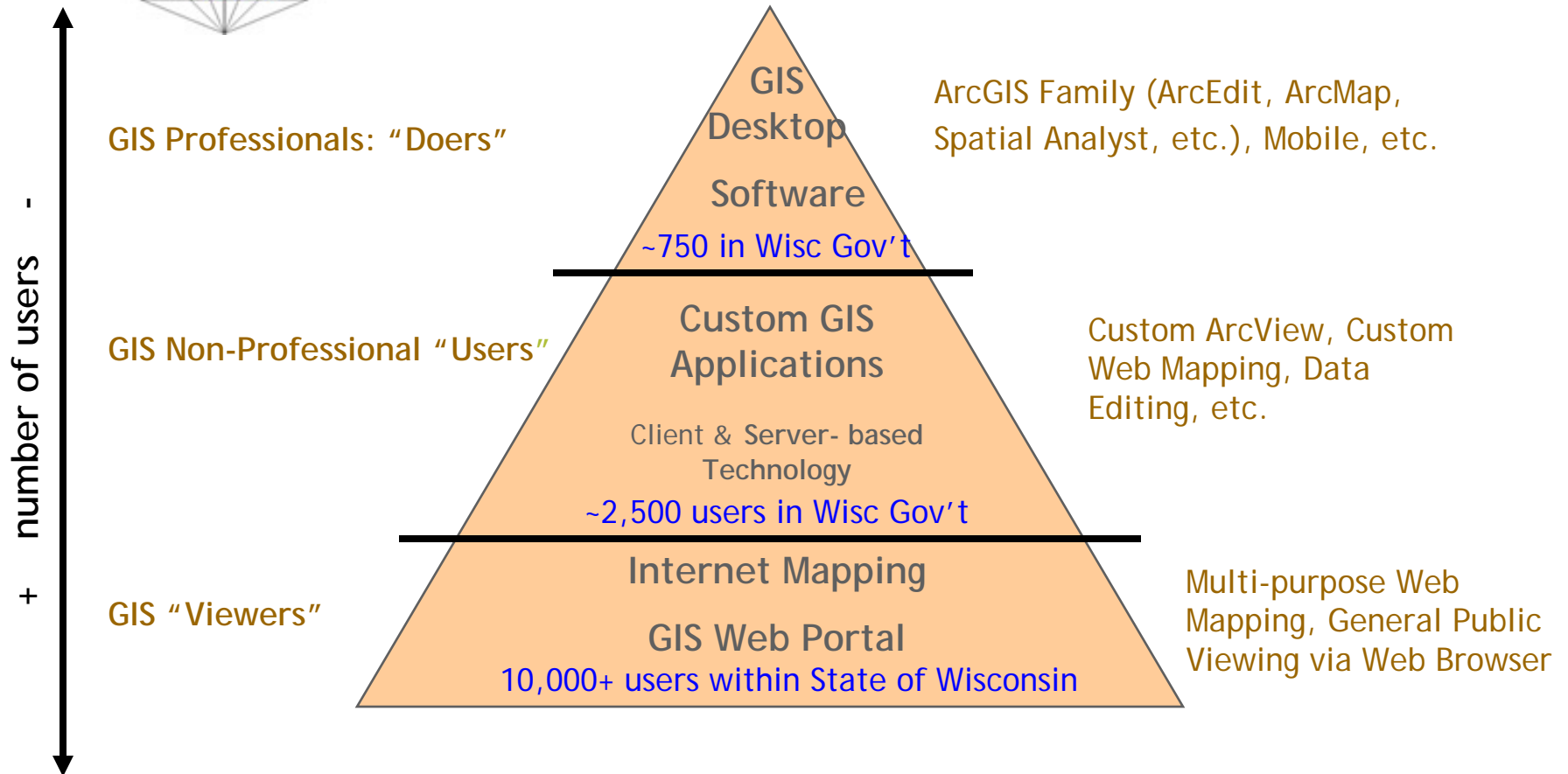


WEGIS - Geographic Information Services





Geo-Spatial User Landscape of Wisconsin State Government Organizations





Wisconsin Enterprise Geographic Information Services (WEGIS)

WEGIS Success - Manage the Key Ingredients:

- ✚ People (GIS community with rest of government)
- ✚ Visionary Leadership (Management and financial support)
- ✚ Optimize Agency Business Functions with GIS
- ✚ Utilize Enterprise IT Infrastructure as a foundation
- ✚ Geospatial Infrastructure (currently being built)
- ✚ Governance (currently being formed)
- ✚ Standards / Practices (currently being created)
- ✚ Value Proposition / Cost Benefit / Sustainability
- ✚ Transform “Single Agency” thinking & behavior



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Questions

Thank you for your thoughts and comments