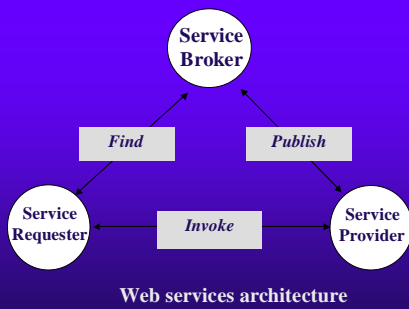


WEB SERVICES, NSDI AND E-GOVERNMENT

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- The ability by which the different applications can talk and cooperate with each other is known as interoperability
- The need for interoperability is strong for municipality and government applications.
- Web services have recently emerged as the solution to the interoperability problem.



In our ongoing work, we have designed and implemented a number of Web Services for the Trabzon Municipality in Turkey.

A highlighting example of the implemented services is the *getParcelZoningPlan* service, which generates a Zoning Plan Form (ZPF).

Zoning Plan Data (geometrical data)
Legal and effective provider Zoning Plan Office

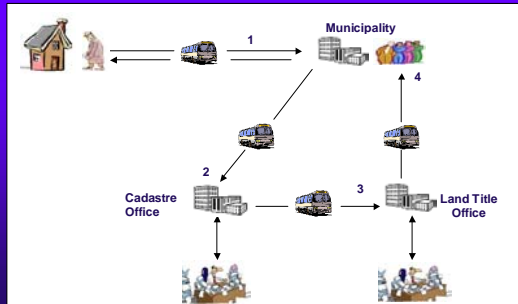
Zoning Plan Data (attribute data)
Legal and effective provider Zoning Plan Office

Land Title Data (attribute data)
Legal Provider Land Title Office
Effective provider citizens

Cadastral Data (geometrical data)
Legal Provider Cadastre Office
Effective Provider citizens

Construction Conditions (attribute data)
Legal and effective provider Zoning Plan Office

Before Web Services



CONCLUSION

Both NSDI and e-government needs an interoperability infrastructure.

Web services can be used to implement both NSDI and e-government interoperability infrastructures.

Thanks...