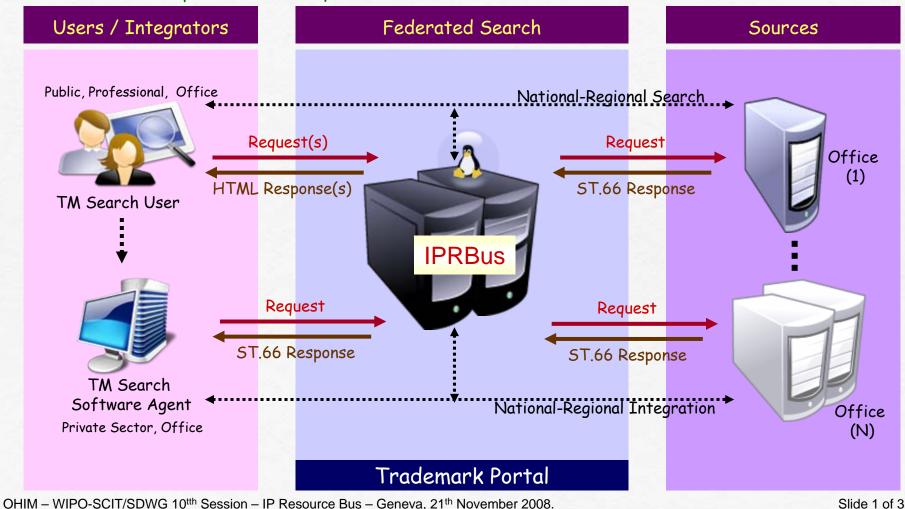


TMView: Architecture Overview

User Empowerment: Ubiquitous Federated Trademark's Search & Access Services





IP Resource Architecture

Web Services: REST Over SOAP

Presentation (Human)

Integration (System)

IP Resource Bus

IP Service Bus

IP Semantic Bus

Preference: XML

Sources (ECM, Database, File System)

Change Get of Version N+1 **Sheck-out of Version N** Check-in



TMView Web Services & URI

Web Services (Preference REST)

Search for Trade Marks Matching Given Criteria

URI

{Domain}/trademark/tm-search/{Expression}

- Trade Mark Name
- Application Date
- Mark Feature (Type)
- Start of Opposition Date
- End of Opposition Date
- Nice Class
- Vienna Category
- Applicant Name

GET Trade Mark Data by its Identifier {Domain}/trademark/data/{Trademark ID} GET Trade Mark Image by its Identifier {Domain}/trademark/Image/{Trademark ID}

GET Trade Mark Thumbnail by its Identifier (Domain)/trademark/thumbnail/(Trademark ID)

GET Applicant Data by its Identifier

{Domain}/trademark/applicantl/{Applicant ID}

GET Representative Data by its Identifier

{Domain}/trademark/representative/{Repr. ID}

GET Correspondence Address by its Identifier

{Domain}/trademark/correspondence-address/{Correspondence Address ID}