8th Geospatial PDF WG

24 July 2014

Managing and Distributing Massive Geospatial PDF Data Sets

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Federal Account Manager

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Roots and Evolution

Los Alamos
NATIONAL LABORATORY
EST. 1943

DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

NASA

- **Customer-Driven Evolution and Development**

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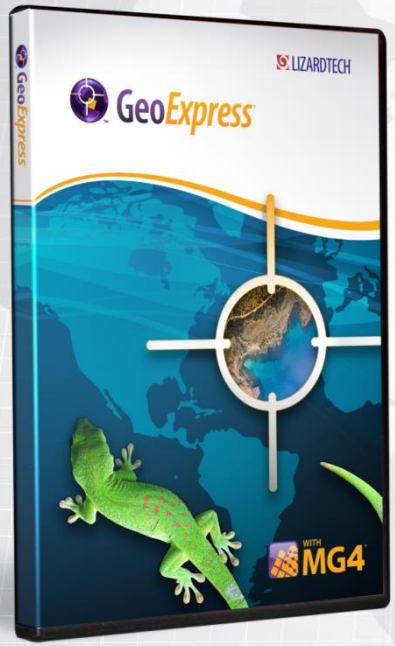
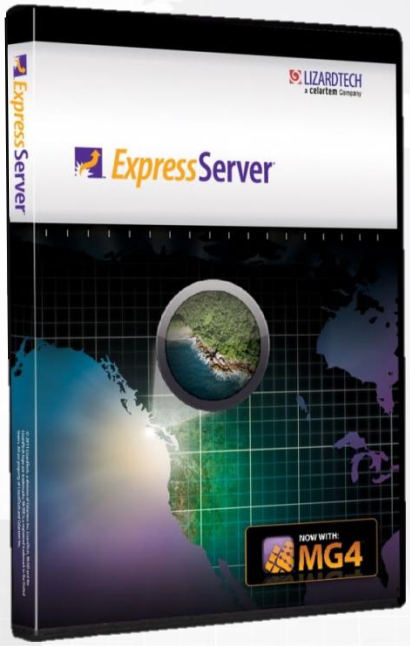
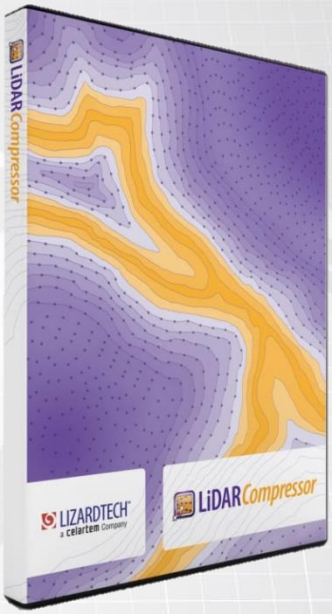
LizardTech Today – From Sensor to Problem Solver

- Imagery products
  - Express Suite products for handling large imagery
    - GeoExpress – Image Compression and Manipulation
    - Express Server – Imagery Management and Distribution
    - LiDAR Compressor – LAS / ASCII Lossless Compression
    - GeoViewer – Free for Desktop and Mobile
    - GeoGofer – Image Management / Retrieval
    - MrSID, JPEG2000, and GeoPDF Support*
  - Decode SDKs and Customization
    - 3rd Party Integrations
      - Windows, Linux
      - iOS and Android

LizardTech Product Suite







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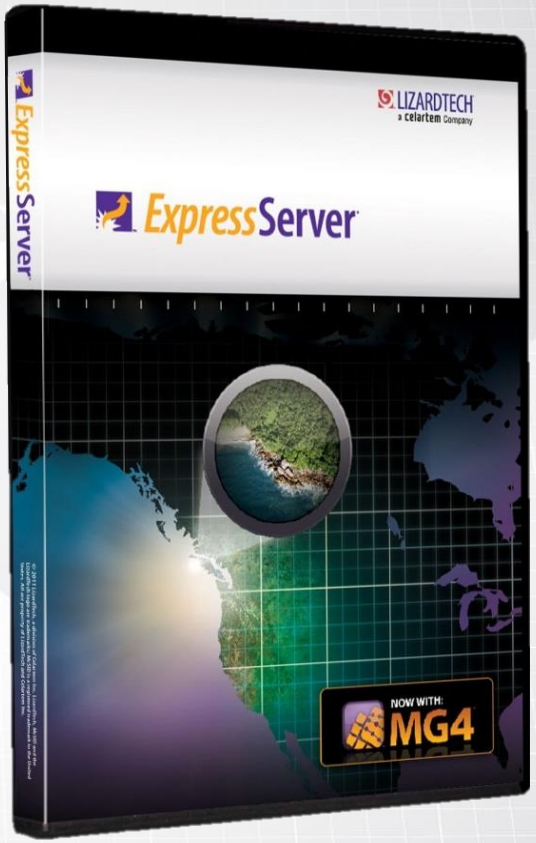
The Speed of Need – Express Server

- Established
- Battle Tested
- Driven by Customers
- Minutes
- GeoPDF, MrSID, JPEG2000, NITF



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Industry Standard Format Support

- MrSID - Accepted worldwide as the *de facto* standard for geospatial imagery
- JPEG 2000 – ISO imagery standard to ensure future interoperability
- Support for Serving GeoPDF*

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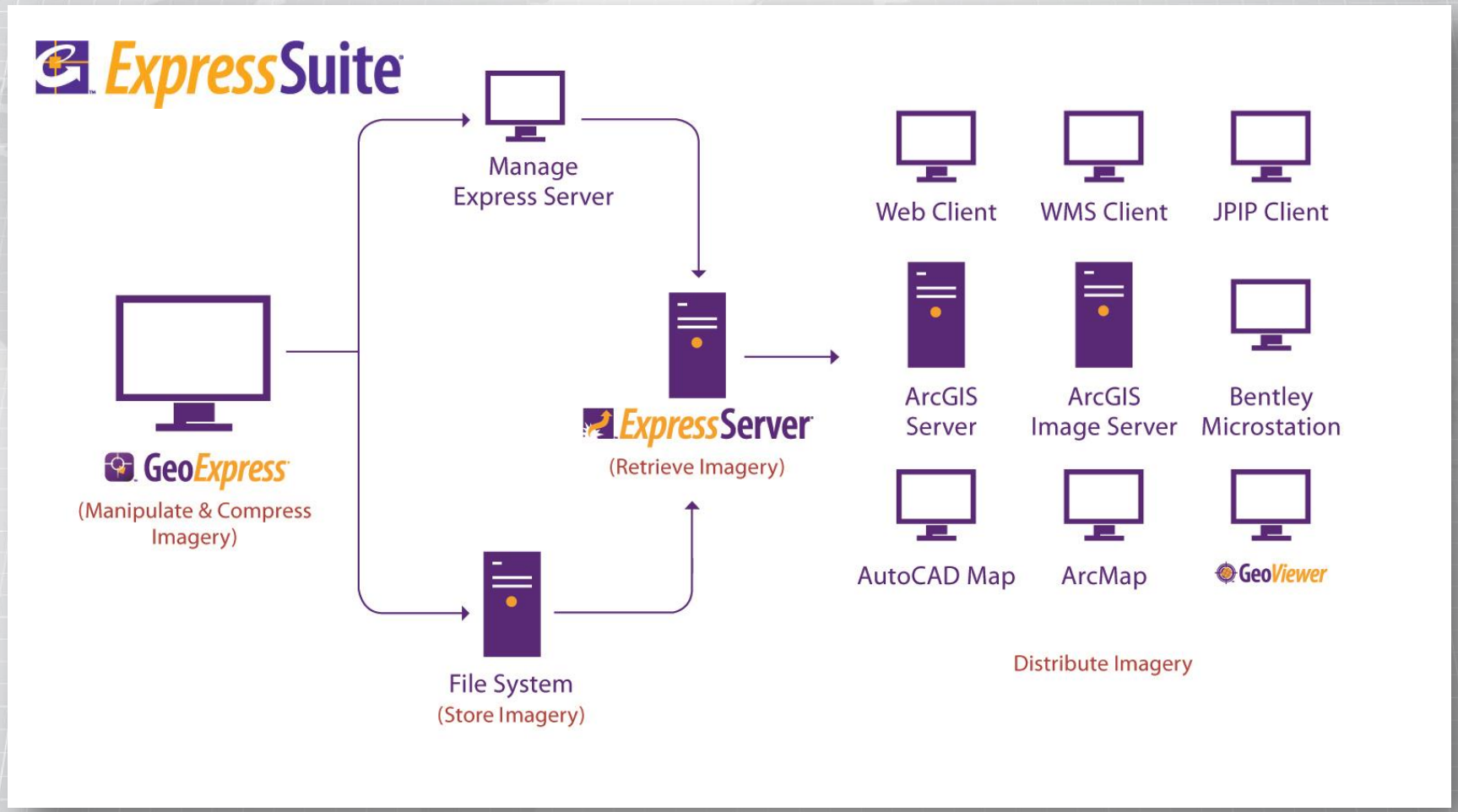
CMD - Compress Manage Deliver



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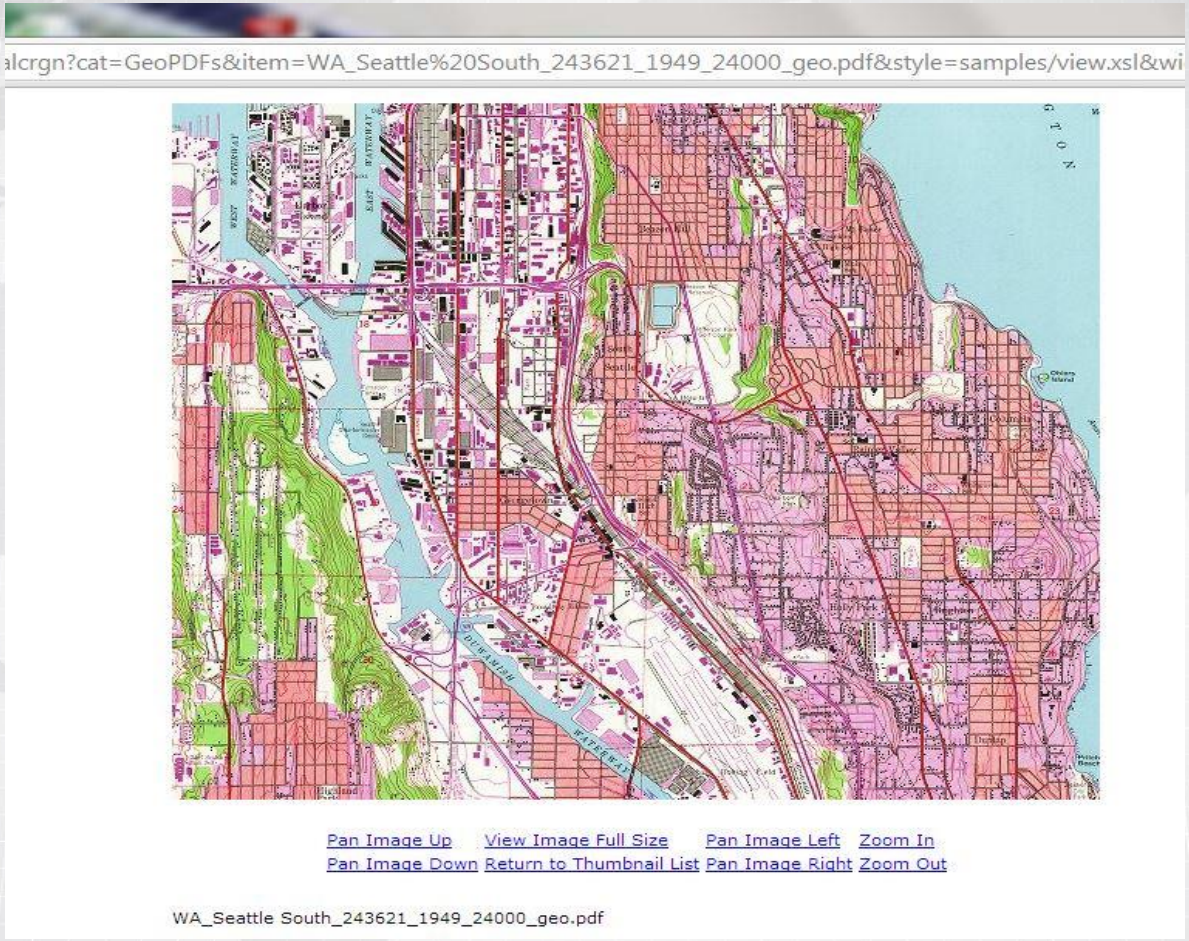
Express Server GeoPDF Demonstration



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Conclusion - Express Server

- Instantly serve existing catalogs of GeoPDF data
- Rapidly deliver terabyte-sized datasets to any device – even over low bandwidth connections
- Increase delivery speed without investing in additional hardware or bandwidth
- Simple to set up and administer
- Install to live in minutes

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Express Server Demo Sites and Trial

LizardTech's Demo Site

- demo.LizardTech.com/LizardTech/iserv/browse

Trial Versions for all Products Available on

- http://www.lizardtech.com/downloads/category/#free_trials

Webinar Demonstrations on Demand

- Contact me to set up custom Webinar

Industry Affiliations

asprs
THE IMAGING & GEOSPATIAL INFORMATION SOCIETY

MAPPS

OGC®
Open Geospatial Consortium, Inc.

OSGeo
Your Open Source Compass

isprs

UNITED STATES GEOSPATIAL INTELLIGENCE FOUNDATION
USGIF Member

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Key Civil and Commercial Customers

Key Defense and Intel Customers

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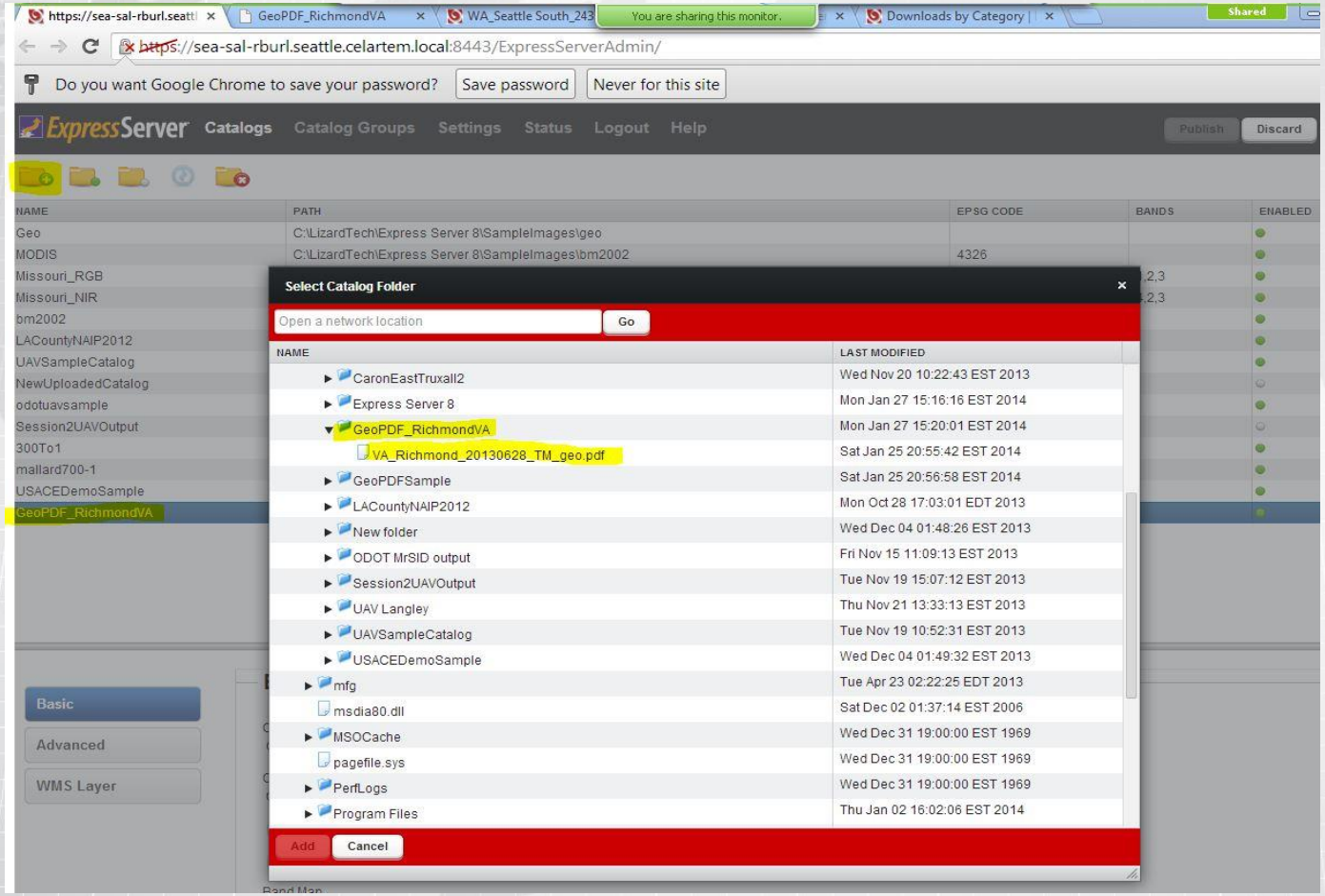
Demo Slides – Local Management
Add Catalog – Navigate to Folder



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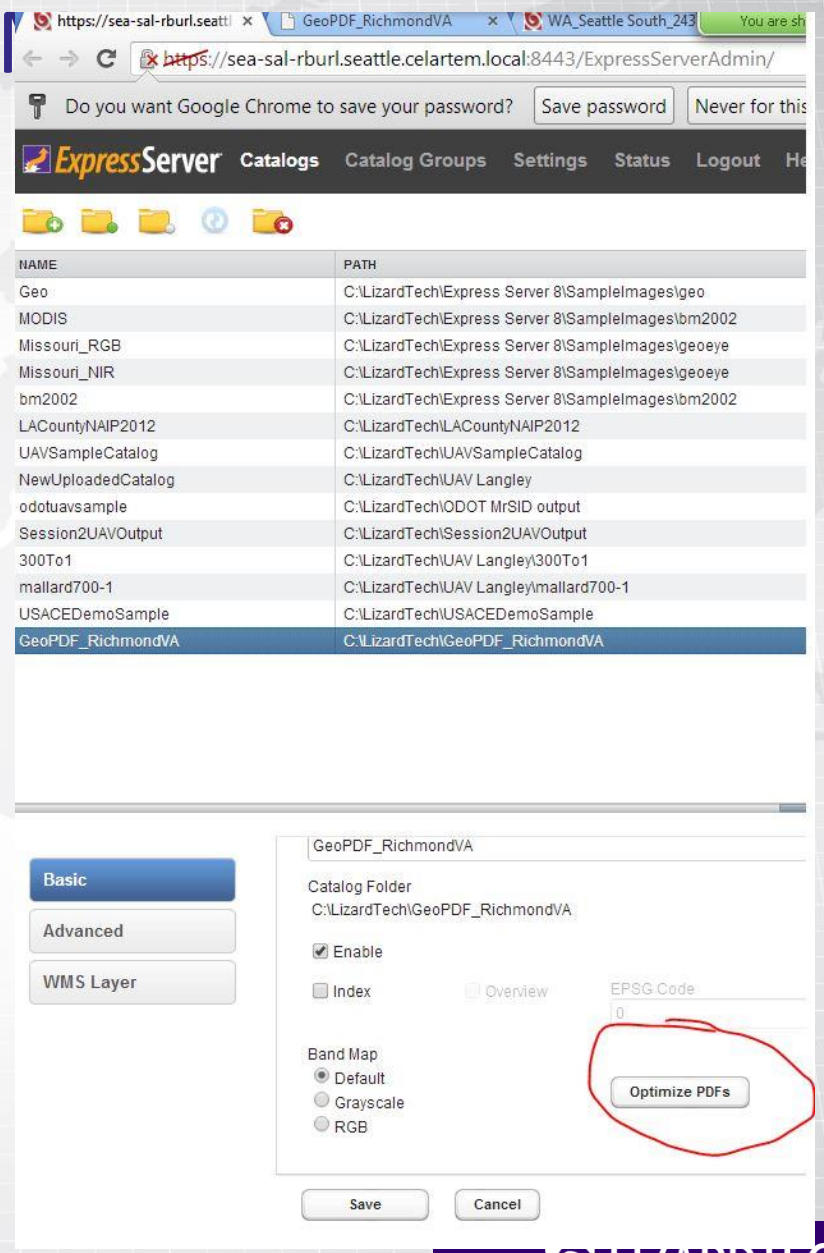
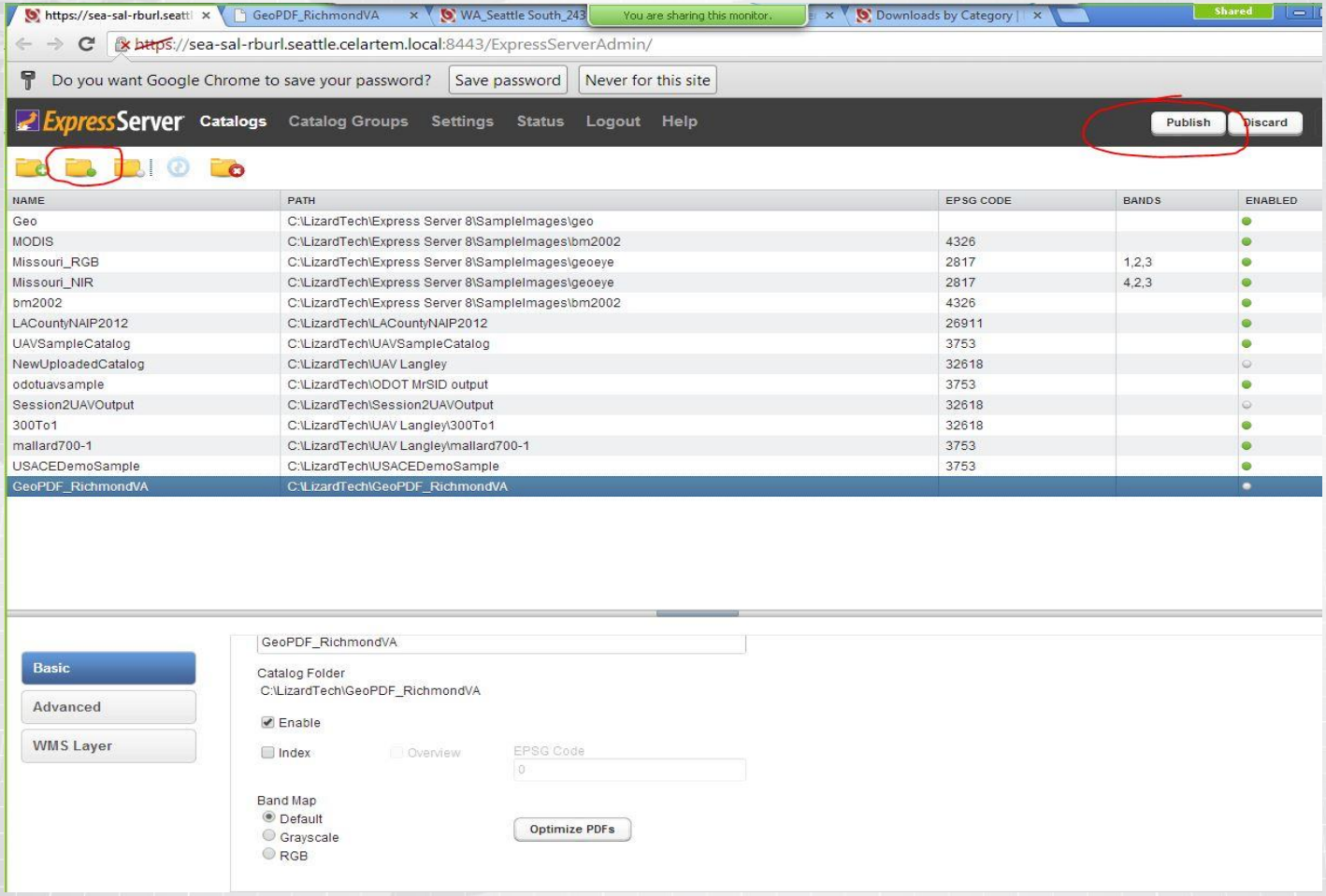
Demo Slides – Local M

Optimize PDFs – Click of a Button



Demo Slides – Local Management
Click on Publish and Your Data is Live



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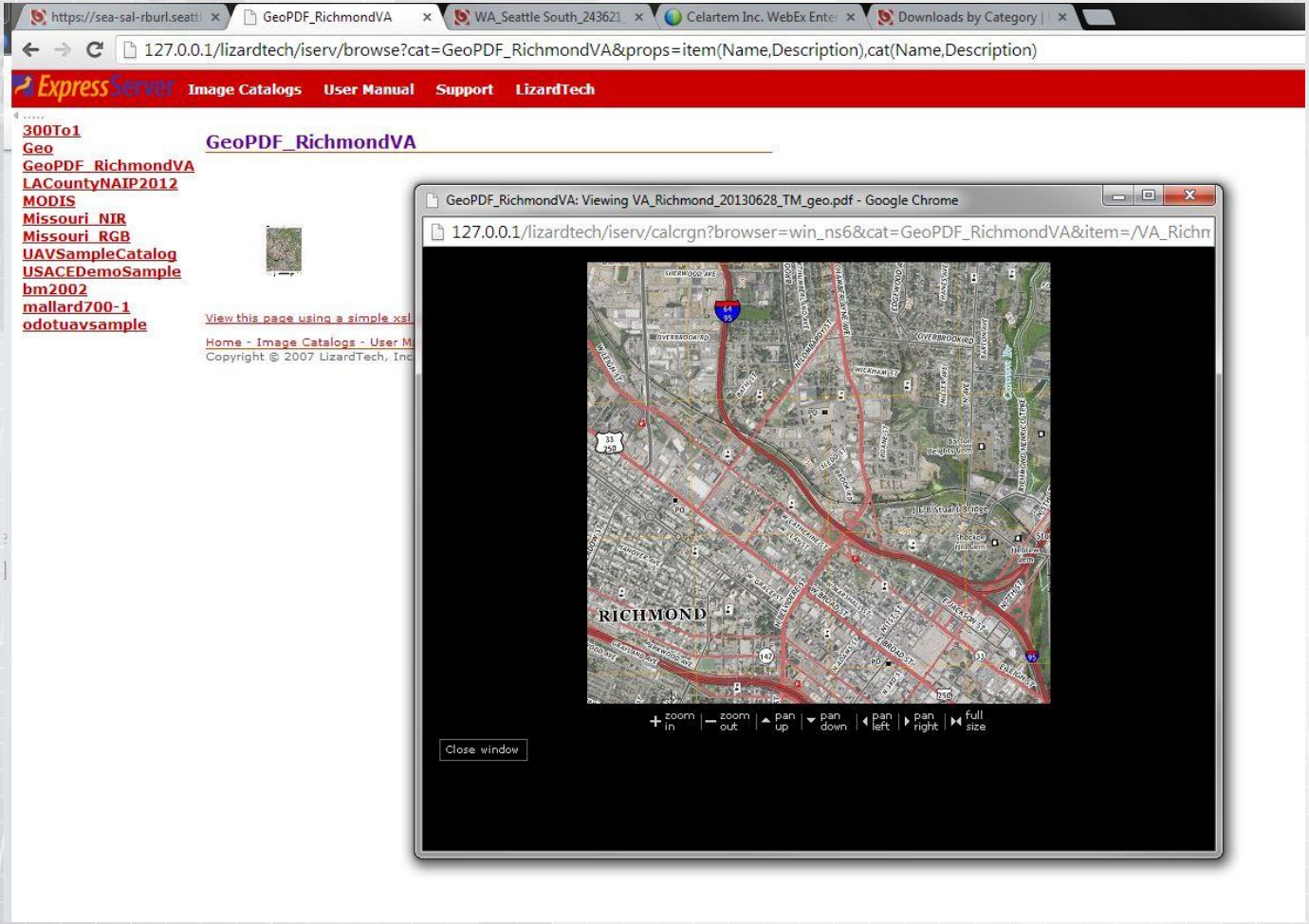
Demo Slides – Local Management Client Viewing – Instant and Rapid



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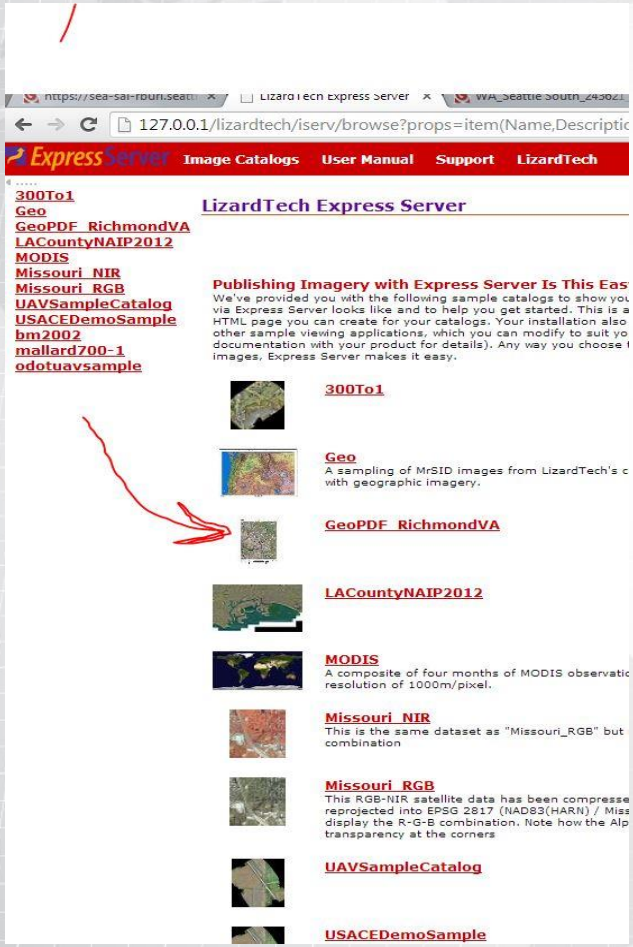
Demo Slides – Local Management



Public View of Published Catalogs

Customizable

Interoperable

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Demo Slides – Local Management

Demo.lizardtech.com example

Publicly Available

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Demo Slides – Local Management

Plug-in or No Plug-in Viewing