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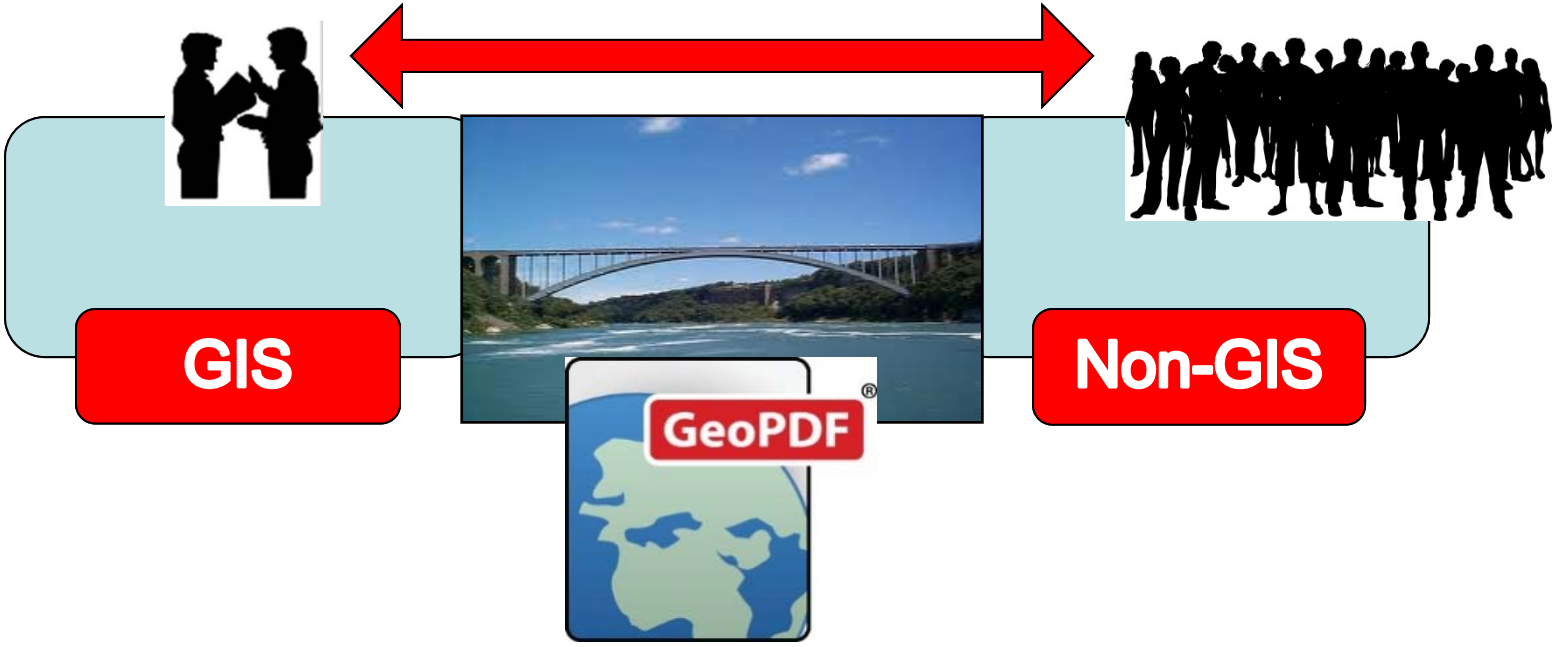
An Overview of the GeoPDF® Application

Nathan Roberson

Account Manager, TerraGo Technologies

Who Is TerraGo and What Do We Do?



- Among the **most widely adopted** solutions to help enterprises **produce**, **access**, **update** and **share** geospatial information with anyone, anywhere
- Helps to **increase the use of geospatial intelligence** throughout the enterprise to enhance return-on-investment through **greater organizational efficiency, productivity** and **responsiveness**

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What's most important in GIS field collaboration?

- Provide **cost-effective** solutions for easy access and sharing by anyone, anywhere
- Make it **compact**, **interactive**, **portable** for universal integration of disparate data in one common environment
- Provide a ubiquitous, **common operating picture** so everyone is on the same page.
- Enable end-users to easily **collect / add / share** their own **field data**: geo-referenced points, symbols, forms and multimedia updates for simple field data collection
- Support **offline** access to maps when web connectivity is lost
- Provide access to data on **desktops**, **mobile**, **web** and the **cloud**
- **Round-trip field data** back into the enterprise GIS for automated database updates.

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Who Uses TerraGo Today

Oil & Gas

Chevron
ExxonMobil
Progress Energy
CenterPoint Energy
Marathon Oil Corporation
Midwest Energy, Inc.
bhpbilliton resourcing the future
devon
Anadarko Petroleum Corporation

State & Local Government

pennsylvania STATE OF INDEPENDENCE
County of Los Angeles California
Manatee County Florida
CARBON COUNTY
TNRIS
811 Know what's below. Call before you dig.
City of Las Vegas Nevada
AZ.GOV Arizona's Official Web Site

Defense & Intelligence

U.S. Department of State
U.S. ARMY
National Geospatial-Intelligence Agency
Central Intelligence Agency
National Security Agency
U.S. Department of the Navy United States Marine Corps

Engineering

CLARK • NEXSEN Architecture & Engineering
PARSONS
AECOM
FUGRO
BECHTEL
Baker
amec Earth & Environmental, Inc.
HDR
CH2MHILL

Public Safety & Emergency Response

FEMA
U.S. Department of Homeland Security
U.S. Department of Justice Immigration and Naturalization Service U.S. Border Patrol
New Orleans Police
911 PEMA
Dallas Police
FLORIDADISASTER.org Florida Division of Emergency Management

Transportation

DFW
Oklahoma Department of Transportation
Louisiana's On The Move... DOTD Builds The Way
GDOT Georgia Department of Transportation
SCDOT South Carolina Department of Transportation
State of Florida Department of Transportation
Idaho Transportation Department

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Vibrant Partner Ecosystem

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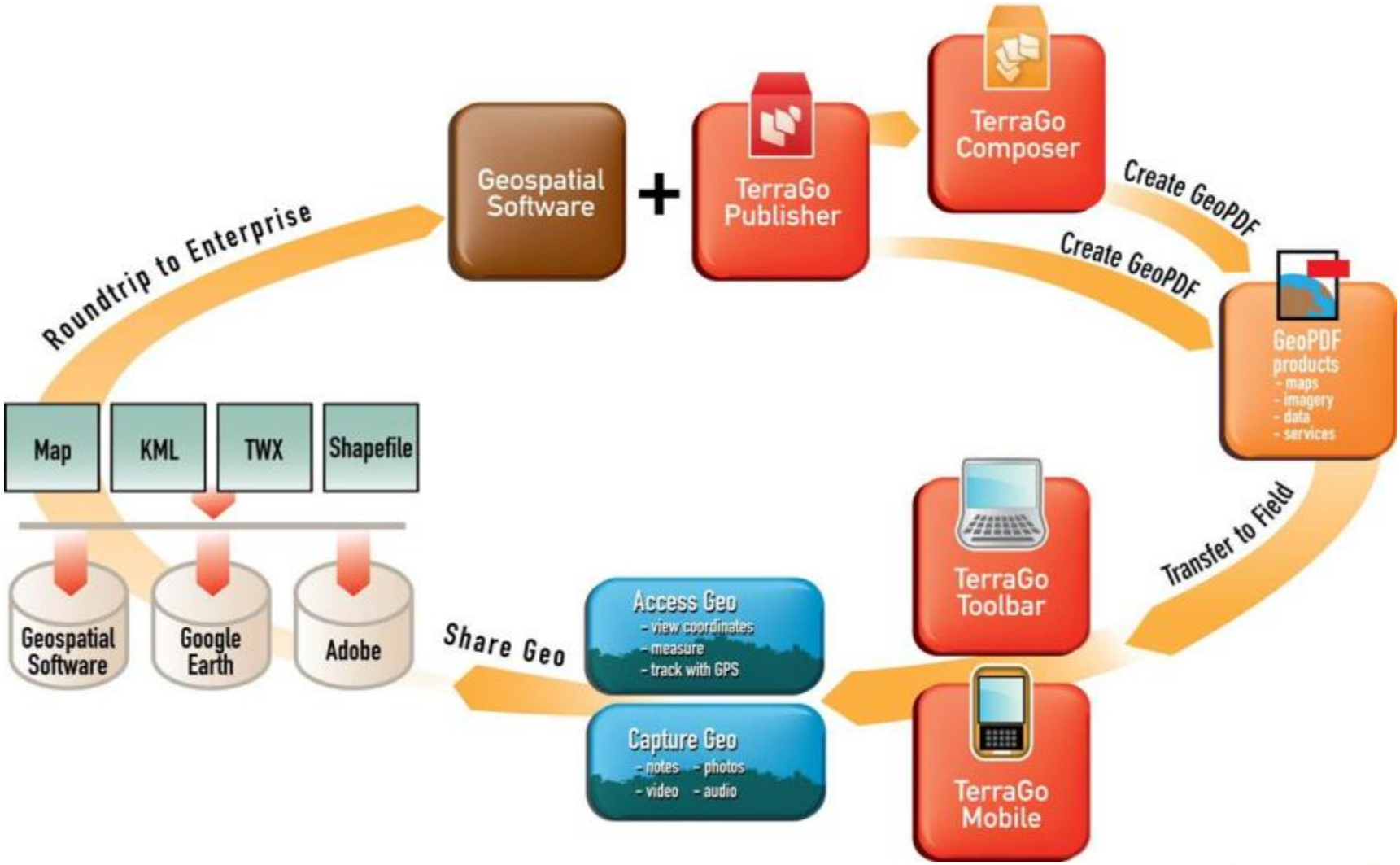
How it works:

TerraGo Geospatial Collaboration Workflow



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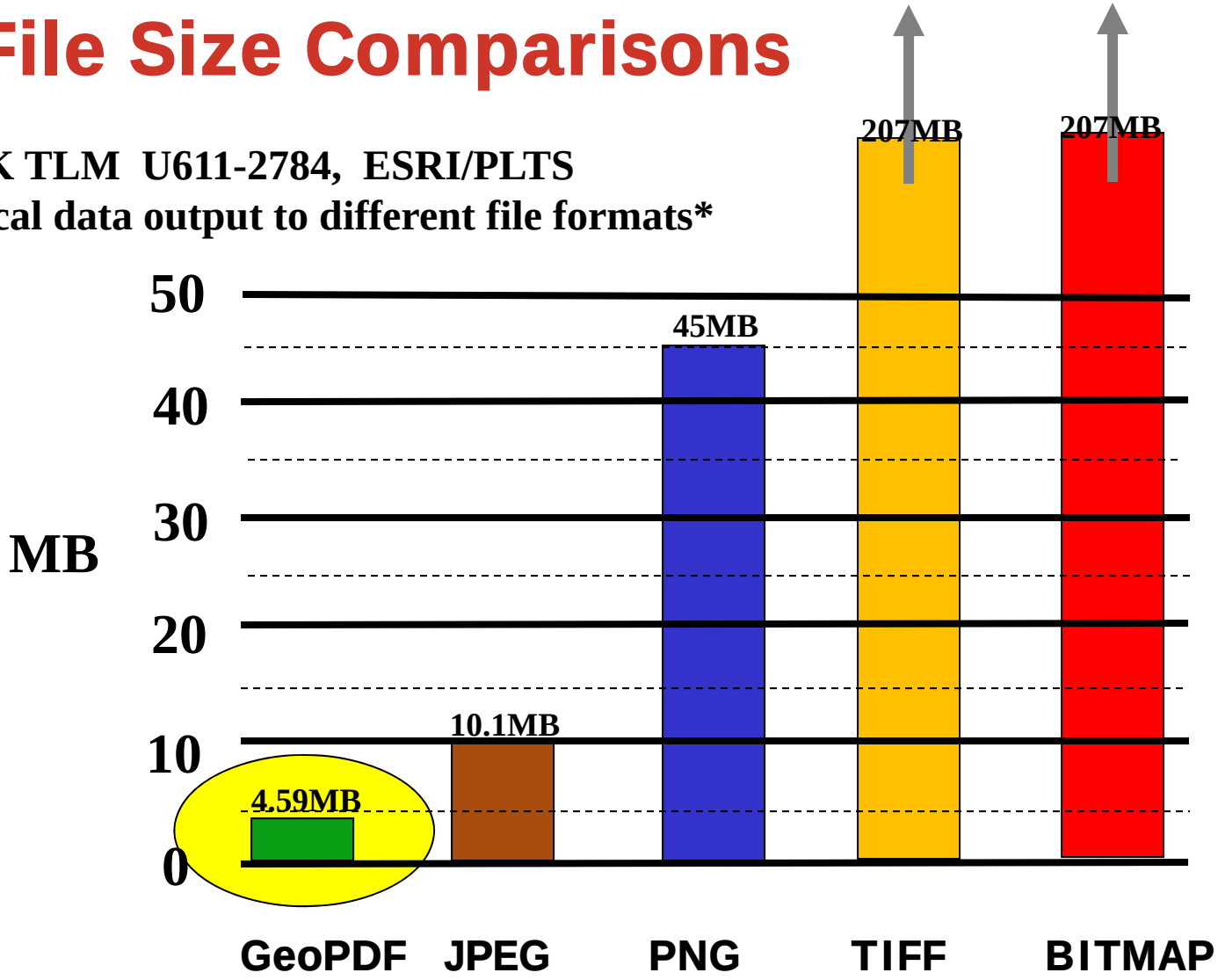
File Size Comparisons

1:100K TLM U611-2784, ESRI/PLTS
Identical data output to different file formats*



* Source ESRI, Inc.

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Japan Earthquake/Tsunami-Case Study

- TerraGo partnered with Hitachi Solutions to deliver extensive GeoPDF mapbooks to aide disaster response efforts.

TerraGo Japan Case Study.mov

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Hitachi Solutions

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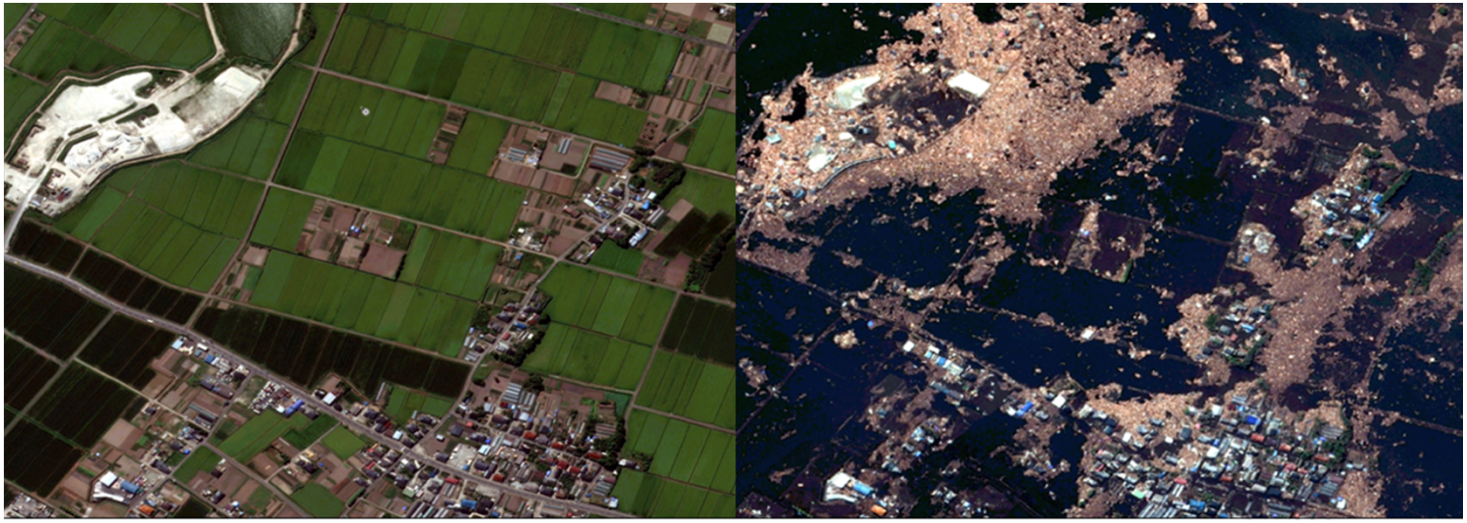
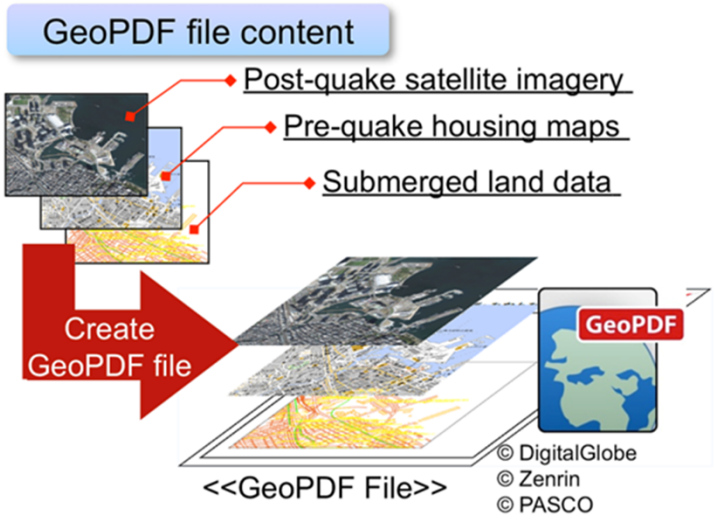
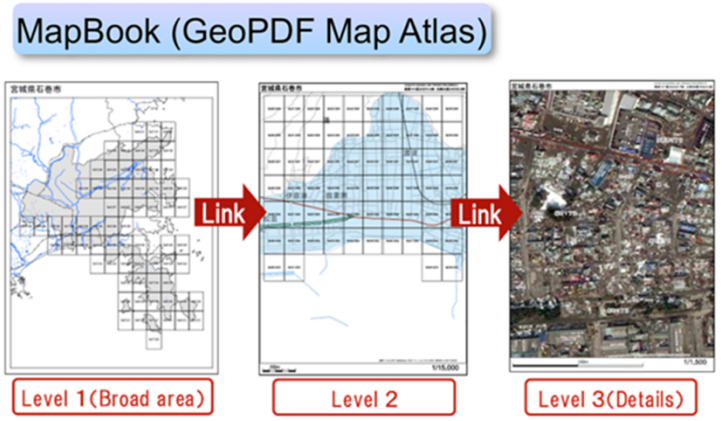
Use Case: Japan Disaster Response







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The Next Generation of TerraGo Applications

- **TerraGo Version 6.0**
  - **Automatically enables all GeoPDF® maps** created in Publisher for ArcGIS and Composer v.6 for markup, sharing and exploitation of services in TerraGo Toolbar and Adobe Reader
  - Introduces easy-to-create **Geoforms for field data capture and sharing** using TerraGo Toolbar/Adobe Reader and ArcGIS, Google Earth, enterprise apps
  - **Deepens integration into ArcGIS** environment with support for Data-Driven Pages and creation of Geomarks/Geoforms in ArcGIS
  - **Improves sharing** with peer-to-peer capabilities, preservation of mark-ups/stamps

- **TerraGo Mobile**
  - Taking an **innovative**, **multi-platform** approach
  - Beta on **Android** in March/April, **iOS** next, **Windows 8** afterwards

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Questions?

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