

# GeoPDF Technical Briefing 2D and 3D

North Dakota GIS Conference

# South Dakota Partners

- US Geological Survey
- FUGRO Horizons – Certified GeoPDF Enterprise Partner
- Trimble - Certified GeoPDF Enterprise Partner



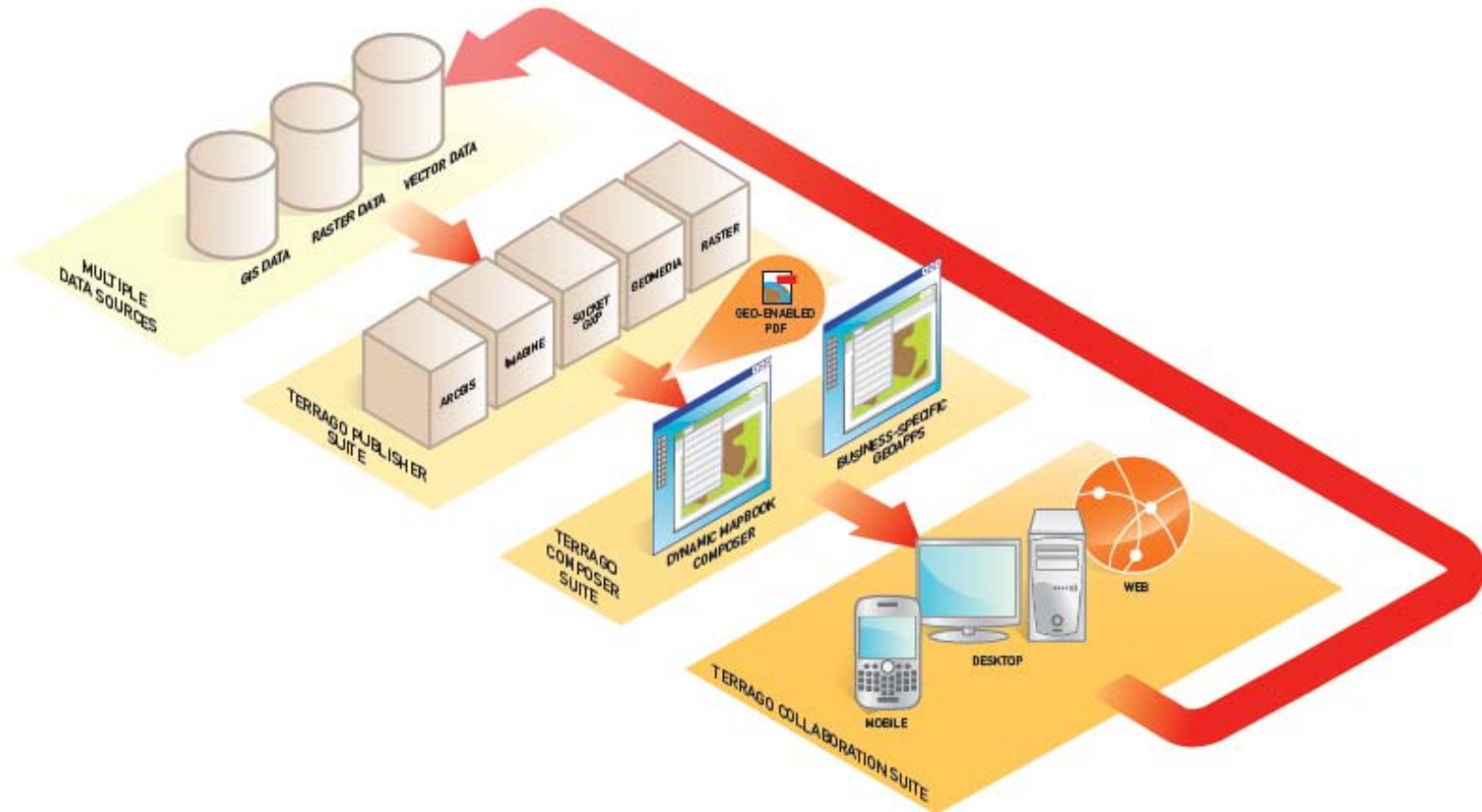
# Presentation Overview

- What is a GeoPDF file?
- Why would I make or use a GeoPDF File?
- How Does It Work?
- Why are people using GeoPDF's?
- What's new?
- 2D and 3D GeoPDF's in action

# What is a GeoPDF File?

- Created from our TerraGo Software
- Preserves the geospatial content of the source data in the Adobe software platform
- Allows for viewing of geospatial content without additional software
- Disconnected or Connected Users

# TerraGo Solution Overview



# Why Would I Make or Use a GeoPDF File?

- Do you have non GIS users?
  - USDA - National Consortium for Rural Geospatial Innovations in America
  - Dakota Science Center – “Geotechnology Engaging the Community”
  - USGS – “Science of a Changing World”
- Would my users benefit from having access to geospatial data?

# Why Would I Make or Use a GeoPDF File?

- Disconnected users in remote areas?
- Will this save me time and money?

# Why Are People Using GeoPDF Files?

- To make their data accessible
- To leverage investments in geospatial data across organizations, internally and externally
- To distribute geospatial data in a standard format that protects source data
- To provide user friendly access to disconnected users
- Ease of use and cost effective implementation
- Provides controlled security and policy
- Allows dynamic collaboration among all constituents across all barriers
- Easy integration with existing infrastructure
- Provides a complete “Chain of Custody” of Geospatial activities.

# What's New?

- Multispectral export
- Hyperlinked files
- Transparency
- Import GeoPDF to ArcGIS
- Import files to GeoPDF in Reader
- Expanded coordinate system support