



TRIMBLE SSF AND DDF DATA FORMAT EXTENSIONS FOR FME

KEY FEATURES

Translate field data collected with Trimble handhelds into more than 225 GIS formats

Transform data dictionaries into required spatial data models

Integrate data from multiple sources with field data to form complete spatial databases

STREAMLINE YOUR FIELD DATA COLLECTION WORKFLOW WITH FME SUPPORTED FORMATS

GPS data collected in the field becomes more valuable once it is available in a variety of GIS and other enterprise asset information repositories. However, translating data from field collection projects into the required spatial data formats and insuring proper data model schemas are used while preserving data integrity can be challenging. Today there are an ever increasing number of formats and versions that must be supported in a typical corporate GIS environment, often making it difficult to efficiently bring your field data to the office.

With the Trimble® SSF and DDF data format extensions for FME you can streamline your data collection workflow by accessing all the data formats supported by the FME software platform, the recognized standard in spatial ETL (extract, transform, and load) from Safe Software. By partnering with the leader in spatial data translation to develop these extensions, Trimble makes it easier to move field data throughout your organization.

Translate data

Converting spatial data into the precise data model you want is simple with the Trimble SSF and DDF data format extensions without having to write time-consuming format-to-format translation scripts, and the resulting data is structured exactly the way you need it to populate your company's spatial asset repository. FME's support for spatial data translation is unrivalled; you can easily translate data to a variety of spatial formats including Esri Geodatabase, Esri SDE, AutoCAD DWG/DXF, Autodesk FDO, Oracle Spatial, Smallworld, Microsoft SQL Server, and more.

Transform data

In many cases a Trimble DDF data dictionary does not exactly fit the destination model

of your workflow. The Trimble SSF and DDF data format extensions give you complete flexibility to transform your data into the data model you require. Using FME software, you can accurately restructure the schema of your data as it moves from the source to the destination—without any loss of integrity.

Integrate data

With the Trimble SSF and DDF data format extensions, bringing together different types of spatial and nonspatial data doesn't have to be complex. FME's ability to integrate different types of data into a single translation provides a powerful data integration platform. For example, FME lets you combine vector data with raster imagery in a single translation or you can merge CAD files with a tabular attribute list to form a complete spatial database.

Greater interoperability and workflow efficiency

FME provides you with the most extensive format support for data translation, transformation and integration available, and gives you unlimited flexibility in data model transformation and data integration. With the Trimble SSF and DDF data format extensions, field data can be seamlessly moved between your Trimble handheld and a wide range of GIS, CAD, and database formats.

Trimble together with Safe Software are connecting you to the geospatial enterprise through FME and the Trimble SSF and DDF data format extensions, improving interoperability and workflow efficiency between the field and the office.



TRIMBLE SSF AND DDF DATA FORMAT EXTENSIONS FOR FME

RELATED PRODUCTS

- GPS Pathfinder® Office software
- Supported FME Desktop 2010 through 2013 software editions: Professional edition, Enterprise GIS editions (Intergraph, Esri), Smallworld edition, Database editions (IBM DB2, Microsoft SQL Server, Oracle, etc)

SUPPORTED FORMATS

Supported formats include:

Spatial Internal Feature Format (IFF)
 Additional Military Layers (AML)
 Adobe 3D PDF
 Adobe Flash (SWF)
 Adobe Geospatial PDF
 Adobe Illustrator EPS
 Australian Asset Design & As Constructed (ADAC)
 Autodesk AutoCAD Civil 3D
 Autodesk AutoCAD DWF
 Autodesk AutoCAD DWG/DXF
 Autodesk AutoCAD Map 3D Object Data
 Autodesk MapGuide (Version 6.5 and older) SDF
 Autodesk MapGuide Enterprise SDF
 Autodesk MapGuide SDL
 Bentley MicroStation Design (V7)
 Bentley MicroStation Design (V8)
 Bentley MicroStation GeoGraphics
 Canadian Council on Geomatics Interchange Format (CCOGIF)
 CITS Data Transfer Format (QLF)
 CityGML
 Digital Line Graph (DLG)
 Digital Map Data Format (DMDF)
 Encapsulated PostScript (EPS)
 Esri ArcGIS Layer
 Esri ArcGIS Map (.mxd)
 Esri ArcInfo Coverage
 Esri ArcInfo Export (E00)
 Esri ArcInfo Generate
 Esri ArcSDE
 Esri Geodatabase (ArcSDE)
 Esri Geodatabase (File-based)
 Esri Geodatabase (MDB)
 Esri Geodatabase (XML)
 Esri Mapping Specification for CAD (MSC)
 Esri PC ArcInfo Coverage
 Esri Shape
 FDO Providers (Autodesk 2008)
 FDO Providers (Autodesk 2009)
 FDO Providers (Autodesk 2010)
 FDO Providers (FME)
 FME Feature Store (FFS)

Generic (Any Format)
 Geographic Data Files (GDF)
 Geographic Data Management System (GDMS)
 German AAA GML Exchange Format (NAS)
 GML (Geography Markup Language)
 GML SF-0 (Geography Markup Language Simple Features Level SF-0 Profile)
 GML v2.1.2 (Geography Markup Language)
 Google Earth KML
 GPS eXchange Format (GPX)
 Graphic Technologies, Inc. (GTI) GTViewer
 Halliburton GeoGraphix CDF
 IBM DataStage
 IBM DB2 Spatial
 IBM Informix Spatial
 IDRISI Vector Format
 Industry Foundation Class STEP Files (IFC)
 Informatica
 Intergraph FRAMME Standard Exchange Format (SEF)
 Intergraph GeoMedia Access Warehouse
 Intergraph GeoMedia SQL Server Warehouse
 Intergraph MGE
 ISO8211
 JSON (JavaScript Object Notation)
 Land Victoria Incremental Update Format (IUF)
 Landmark Z-MAP
 Landmark Zycor Graphics File (ZGF)
 Landonline (Land Information New Zealand)
 Cadastre Survey Data Exchange Format based on LandXML
 LandXML
 Leica Independent Data Exchange Format (IDEX)
 MapInfo MIF/MID
 MapInfo SpatialWare
 MapInfo TAB (MITAB)
 Microsoft MapPoint Web XML
 Microsoft SQL Server Spatial
 MySQL Spatial
 NEN 3610 (GML)
 NGA GEONet Names Server
 OpenStreetMap (OSM) XML
 Oracle Spatial Object

Oracle Spatial Relational
 Oracle SQL Loader
 OS (GB) MasterMap
 OS (GB) NTF
 OS VectorMap Local
 PenMetrics GRD
 PHOCUS PHODAT
 PostGIS
 Regional Geographic Information System (REGIS)
 S-57 (ENC) Hydrographic Data
 Scalable Vector Graphics (SVG)
 SEG-P1
 SEG-Y
 Smallworld 3
 Smallworld 4
 Spatial Archive and Interchange Format (SAIF)
 Spatial Data Transfer Standard (SDTS)
 SQLite Spatial (FDO)
 Standard Linear Format (SLF)
 Tele Atlas MultiNet Interchange format
 Teradata Spatial
 Tobin TDRBM II Data Distribution Format
 Trimble JobXML
 U.S. Census Bureau TIGER/GML
 U.S. Census Bureau TIGER/Line
 U.S. Environmental Protection Agency (EPA) Geospatial Data
 Vector Markup Language (VML)
 Vector Product Format (VPF) Coverage
 Vector Product Format Database (VPF_DB)
 Virtual Reality Modeling Language (VRML)
 VoxelGeo OpenInventor (VOIV)
 Wavefront OBJ
 WFS (Web Feature Service)
 XDK (XML format for Danish DSFL)
 XML (Extensible Markup Language)
 Z-Map (ASCII)

1 Some formats require installation of application software.

Specifications subject to change without notice.



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