



# Formatos suportados pelo FME

FME oferece a mais ampla gama de suporte a formatos da indústria. Não importa se você está querendo ler ou escrever dados, o FME dá suporte aos formatos que você precisa.

## BIM/3D

- Adobe PDF
  - City GML
  - Industry Foundation Class
- STEP Files (IFC)
- LandXML

## GIS/CAD/Banco de Dados

- 1Spatial Gothic\*
- 1Spatial Internal Feature Format

- (IFF)
- APT
  - ASPRS Lidar Data Exchange

- Format (LAS)
- Additional Military Layers (AML)
  - Adobe Flash (SWF)
  - Adobe Illustrator EPS
  - Aeronautical Information

- Exchange Model (AIXM)\*
- Autodesk AutoCAD DWG
  - Autodesk AutoCAD DWG/ DXF
  - Autodesk AutoCAD Map 3D

- Object Data
- Autodesk MapGuide SDF
  - Autodesk VISION GINA
  - B.C. MOEP
  - BC Mof Eletronic Submission

Framework - ABR, FSP, FTA and

- RESULTS
- Bentley MicroStation Design
  - Bentley MicroStation

- GeoGraphics
- CITS Data Transfer Format (QLF)
  - Canadian Council on

- Geomatics Interchange Format (CCOGIF)\*
- Caris NTX
  - ComGraphix Data Exchange

- Format (CGDEF)
- DES
  - Danish DSFL
  - Danish UFO
  - Digital Line Graph (DLG)
  - Dutch TOP10 GML
  - EDIGéO
  - 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 PC ArcInfo Coverage
- ESRI Shape\*\*
- Encapsulated PostScript (EPS)
- FDO Providers (AutoCAD Map

- 3D 2008)
- FDO Providers (FME)
  - FME Feature Store (FFS)
  - Facet XDR
  - FalconView File
  - GEODESYS StruMap
  - GML (Geography Markup

- Language)
- GML SF-0 (Geography Markup

Language Simple Features Level

- SF-0 Profile)
- GPS eXchange Format
  - Genasys GenaMap
  - GeoConcept Map
  - GeoTask Server
  - Geographic Data Files (GDF)\*
  - Geographic Data Management

- System (GDMS)
- German AAA GML Exchange

- Format (NAS)
- German EDBS EDB\*
  - German GTI/Restore\*
  - German Geogrid OVL/ASC\*
  - Graphic Technologies, Inc. (GIT)

- GTViewer
- Halliburton GeoGraphix CDF
  - IBM Db2 Spatial
  - IDRISI Vector Format
  - III Open Geospatial Datastore

- Interface (OGDI)
- ISO8211
  - Informatica\*
  - Intergraph FRAMME Standard

- Exchange Format (SEF)\*
- Intergraph GeoMedia Access

- Warehouse
- Intergraph GeoMedia SQL

- Server Warehouse
- Intergraph MGE
  - Japanese Profile for Geographic

- Information Standards (JPGIS)
- KLT Atlas ASCII\*
  - Land Victoria Incremental

- Update Format (IUF)
- Landmark Zycor Graphics File

- Leica Independent Data
- Exchange Format (IDEX)
- MapGuide SDL
  - MapInfo MIF/MID
  - MapInfo SpatialWare\*
  - MapInfo TAB (MFAL)
  - MapInfo TAB (MITAB)
  - Mehrzweckkarte Wien (MZK)\*
  - Metria AutoKa FF
  - Microsoft MapPoint Web XML
  - Microsoft SQL Server Spatial
  - MultiGen-Paradigm Digital

- Feature Data (DFD)
- MySQL Spatial
  - NEN 3610 (GML)
  - NULL (Nothing)
  - National Geospatial-Intelligence (NGA) Digital Feature Analysis

- Data (DFAD)
- NGA GEONet Names Server
  - OS (GB) MasterMap
  - OS (GB) NTF
  - OeNORM A2260\*
  - Oracle SQL Loader
  - Oracle Spatial Object\*\*
  - Oracle Spatial Relational
  - Osmose FastGate (SMSF)\*
  - PHOCUS PHODAT
  - PenMetrics GRD
  - PostGIS
  - Regional Geographic

- Information System (REGIS)
- S-57 (ENC) Hydrographic Data\*\*
  - SEG-P1
  - SEG-Y\*
  - SICAD
  - SPANS VEH/VEC/TBA\*
  - STAR-APIC Mercator MCF
  - Scalable Vector Graphics (SVG)
  - Smallworld 3 and 4
  - Spatial Archive and Interchange

- Format (SAIF)
- Spatial Data Transfer Standard (SDTS)
  - Standard Linear Format (SLF)
  - Summary Report
  - Swedish I2K (Interface 2000)
  - Swedish KF85
  - Swedish MASIK
  - Swiss INTERLIS\*
  - Tele Atlas MultiNet Interchange

format

- Tobin TDRBM II Data
- Distribution Format
- Trimble JobXML
  - U.S. Census Bureau TIGER/GML

- and TIGER/Line
- U.S. Environmental Protection Agency (EPA) Geospatial Data
  - VALIS/ASC\*
  - Vector Markup Language (VML)
  - Vector Product Format (VPF)

- Coverage
- Vector Product Format

- Database (VPF\_DB)\*
- Virtual Reality Modeling

- Language (VRML)\*\*
- VoxelGeo Openinventor (VOIV)
  - XML (Extensible Markup

Language)\*\*

- Z-Map (ASCII)
- rmDATA MXF

## Não Espacial

- Comma Separated Value (CSV)
- dBASE (DBF)
- Directory and File Pathnames
- IBM DB2
- Microsoft Access
- Microsoft Excel
- Microsoft SQL Server
- My SQL
- ODBC 2.x/3.x
- Oracle
- Pervasive PSQL
- PostgreSQL
- SQLite
- Tabular Data
- Text File

## Raster

- Aircom ENTERPRISE Map
- Data/ASSET Data\*
- ARC Digitized Raster Graphics (ADRG)
  - ARC Standard Raster Product (ASRP)
  - Canadian Digital Elevation Data (CDED)
  - Color Raw Raster
  - Compressed ARC Digitized Raster Graphics (CADRG)\*
  - Digital Map Data Format (DMDF)
  - Digital Terrain Elevation Data (DTED)
  - ER Mapper ECW
  - ERDAS IMAGINE

- ERDAS RAW
- ESRI .hdr RAW Raster
- ESRI ASCII Grid
- ESRI ArcGIS Binary Grid (AIG)
- ESRI ArcSDE Raster
- ESRI ArcSDE Raster Catalog
- ESRI ArcSDE Raster Map
- GIF (Graphics Interchange

- Format)
- GIF Rasterizer
  - GeoTIFF (Geo-referenced

- Tagged Image File Format)
- Golden Software Surfer 6

- Binary Grid
- Hierarchical Data Format 4

- (HDF4) ASTER and Hyperion
- ITT ENVI .hdr RAW Raster
  - JPEG

- Landmark Z-MAP
- LizardTech MrSID
- Marconi PlaNet\*
- Microsoft BMP
- NITF (National Imagery

- Transmission Format)
- Network Common Data Form

- (netCDF)
- Numeric Raw Raster
  - Oracle Spatial GeoRaster
  - PCI Geomatics Database File

- (PCIDSK)
- PGN (Portable Network

- Graphics)
- PNG Rasterizer
  - RADARSAT-2 XML
  - TIFF (Tagged Image File Format)
  - U.S. Geological Survey Digital

- Elevation Model (USGSDEM)
- Vertical Mapper Grid (NGrid)
  - X11 Pixmap (XPM)

## Web

- GeoJSON (Geographic JavaScript Object Notation)
- GeoRSS/RSS Feed
- Google Earth KML (Keyhole Markup Language)
- JSON (JavaScript Object Notation)
- WFS (Web Feature Service)
- WMS (Web Map Service)

\* Custos adicionais de plug-in são necessários

\*\* Agora com suporte 3D