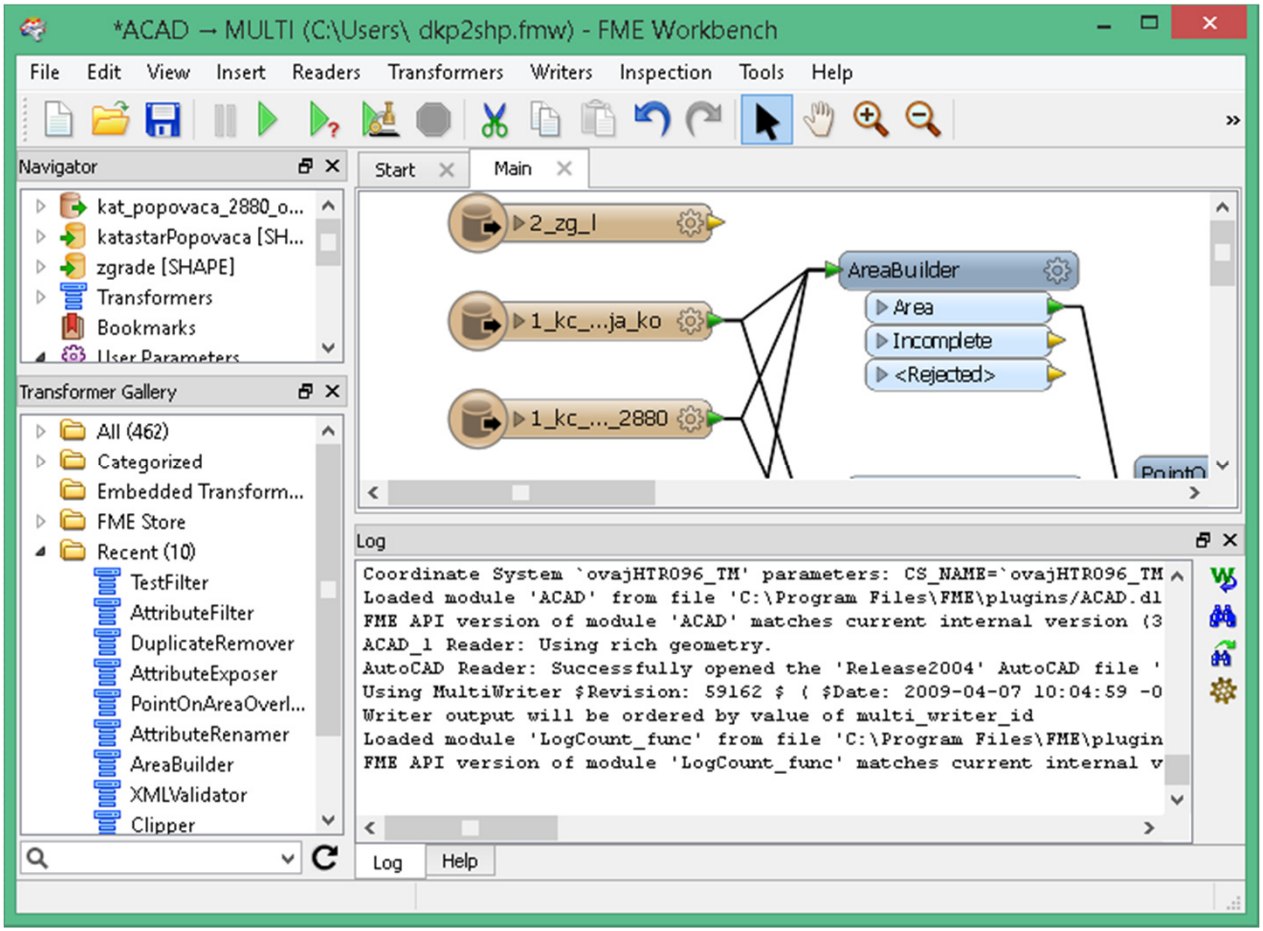
Safe Software FME

- Extract-Transform-Load alat
- Verzije: Desktop/Server/Cloud
- Workbench: Readeri/Transformeri/Writeri
- Verzija 2014: GML INSPIRE reader/writer, starije verzije GML/XML reader/writer

Desktop verzije

FME Professional Edition	FME Esri Edition*	FME Database Edition	FME Smallworld Edition
View Pricing	View Pricing	View Pricing	View Pricing
275+ formats 400+ transformers View a Complete List of Supported Formats and Applications	325+ formats 400+ transformers View a Complete List of Supported Formats and Applications	325+ formats 400+ transformers View a Complete List of Supported Formats and Applications	325+ formats 400+ transformers View a Complete List of Supported Formats and Applications
Read from Databases: • Esri Geodatabase (File/Personal) • Microsoft SQL Server • Oracle • PostGIS • Teradata	Read from Databases: • Esri Geodatabase (File/Personal) • Esri Geodatabase (Enterprise/ArcSDE) • Microsoft SQL Server • Oracle • PostGIS • Teradata	Read from Databases: • Esri Geodatabase (File/Personal) • Esri Geodatabase (Enterprise/ArcSDE) • Microsoft SQL Server • Netezza • Oracle • PostGIS • Teradata	Read from Databases: • Esri Geodatabase (File/Personal) • Esri Geodatabase (Enterprise/ArcSDE) • GE Smallworld • Microsoft SQL Server • Netezza • Oracle • PostGIS • Teradata
Write to Databases: • Esri Geodatabase (File/Personal) • PostGIS	Write to Databases: • Esri Geodatabase (File/Personal) • Esri Geodatabase (Enterprise/ArcSDE) • Intergraph GeoMedia SQL Server Warehouse • PostGIS	Write to Databases: • Esri Geodatabase (File/Personal) • Esri Geodatabase (Enterprise/ArcSDE) • Intergraph GeoMedia SQL Server Warehouse • Microsoft SQL Server • Netezza • Oracle • PostGIS • Teradata	Write to Databases: • Esri Geodatabase (File/Personal) • Esri Geodatabase (Enterprise/ArcSDE) • Intergraph GeoMedia SQL Server Warehouse • GE Smallworld • Microsoft SQL Server • Netezza • Oracle • PostGIS • Teradata

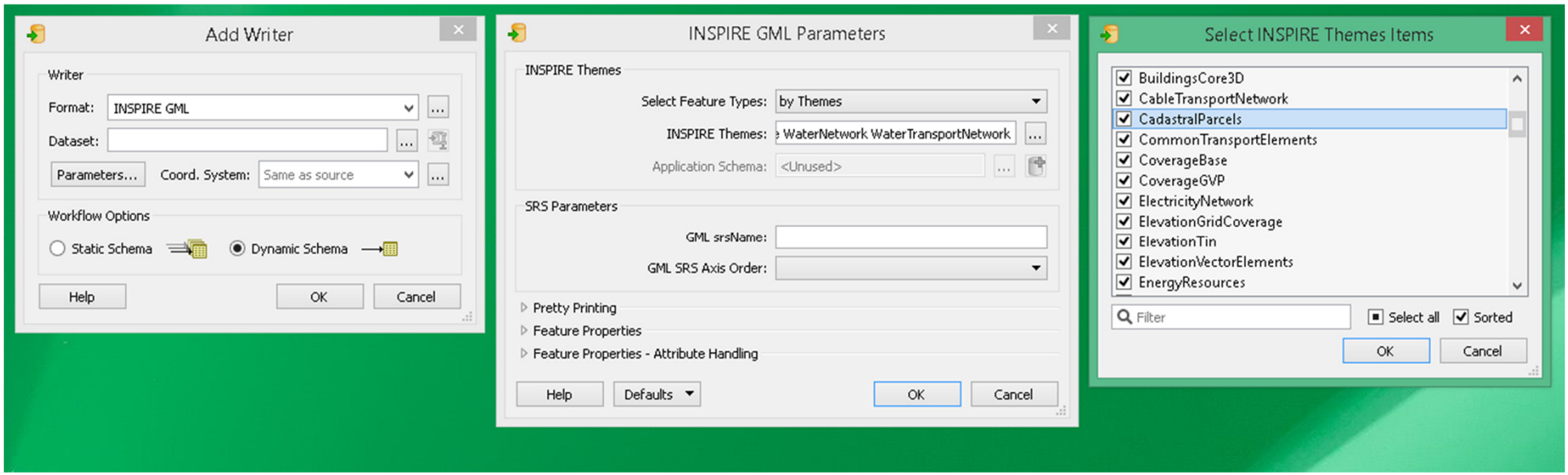
Desktop verzija - sučelje



Verzije/okvirne cijene

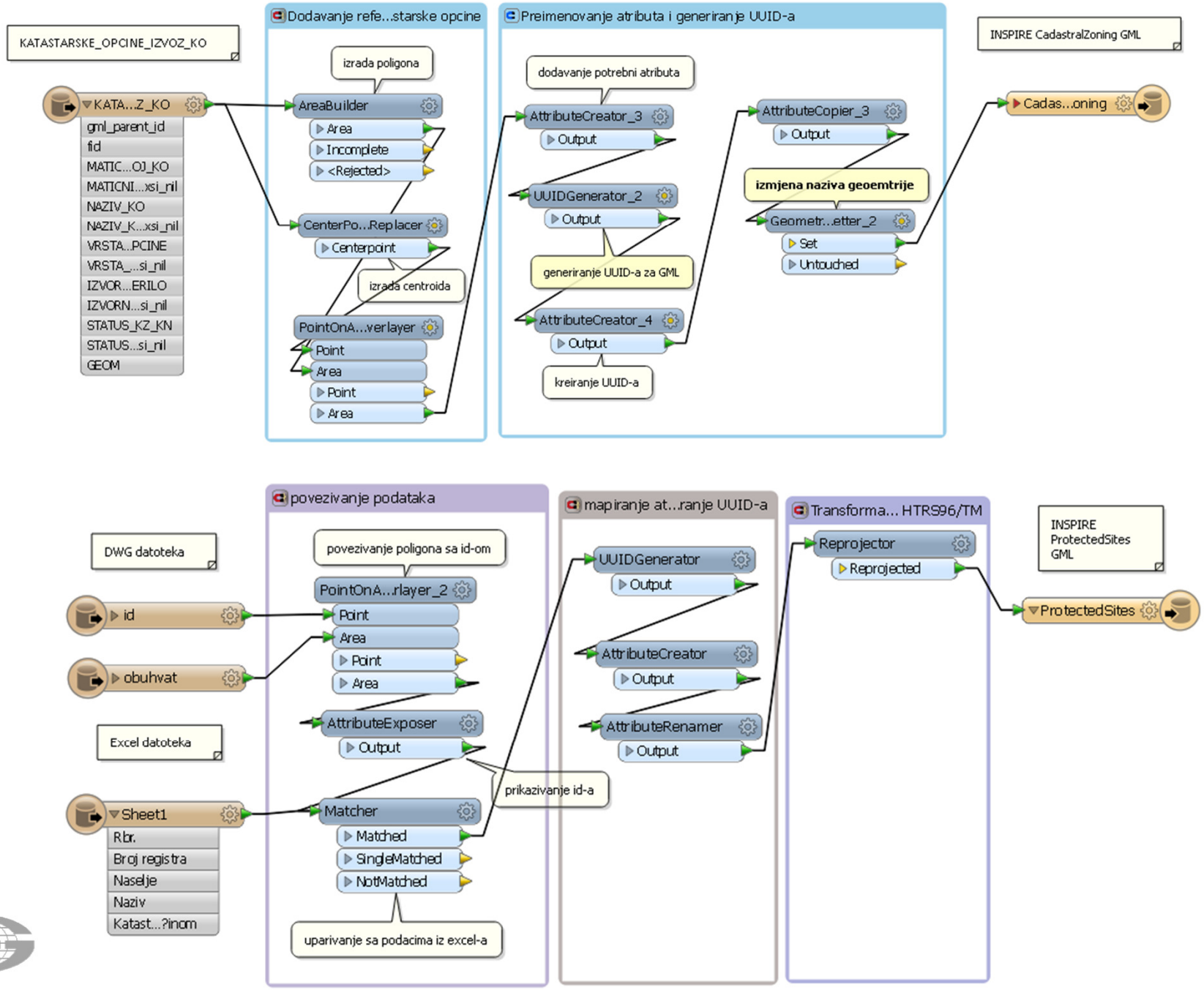
FME verzija	Vrsta licence	Cijena
FME Proffesional, desktop	Fiksna, vezana uz računalo	15.000,00 kn
FME Oracle Edition, desktop	Floating, prva licenca	75.000,00 kn
FME Oracle Edition, desktop	Floating, svaka sljedeća licenca	25.000,00 kn
FME Server	Fiksna, vezana uz računalo	95.000,00 kn

INSPIRE GML reader/writer

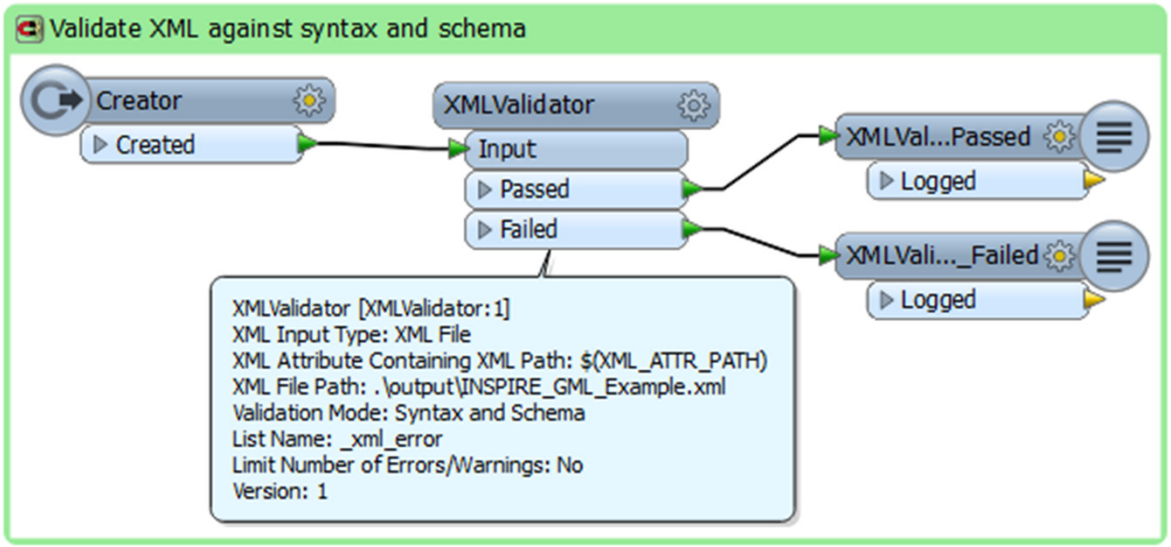


Tijek transformacije podataka

- učitavanje ulaznog sloja podataka
- generiranje ID-eva
- mapiranje atributa – Schema mapping
- popunjavanje/kontrola obveznih atributa
- geometrijske transformacije – konstruiranje xml_geometry tipa podataka/ pojednostavljenje: kreiranje centroida
- reprojekcija/transformacija – 7-parametarska transformacija, mogućnost grid deformacije
- Zapisivanje izlaznog INSPIRE GML sloja podataka i kontrola strukture


KATASTARSKE_OPCINE_IZVOZ_KO
KATA...Z_KO
gml_parent_id
fid
MATIC...OJ_KO
MATICNI...xsi_nil
NAZIV_KO
NAZIV_K...xsi_nil
VRSTA...PCINE
VRSTA_...si_nil
IZVOR...ERILO
IZVORN...si_nil
STATUS_KZ_KN
STATUS...si_nil
GEOM
Dodavanje refe...starske opcine
izrada poligona
AreaBuilder
Area
Incomplete
<Rejected>
CenterPo...Replacer
Centerpoint
izrada centroida
PointOnA...verlayer
Point
Area
Point
Area
Preimenovanje atributa i generiranje UUID-a
dodavanje potrebni atributa
AttributeCreator_3
Output
UUIDGenerator_2
Output
generiranje UUID-a za GML
AttributeCreator_4
Output
kreiranje UUID-a
AttributeCopier_3
Output
izmjena naziva geoemtrije
Geometr...etter_2
Set
Untouched
INSPIRE CadastralZoning GML
Cadas...oning
DWG datoteka
id
obuhvat
Excel datoteka
Sheet1
Rbr.
Broj registra
Naselje
Naziv
Katast...?inom
povezivanje podataka
povezivanje poligona sa id-om
PointOnA...rlayer_2
Point
Area
Point
Area
AttributeExposer
Output
prikazivanje id-a
Matcher
Matched
SingleMatched
NotMatched
uparivanje sa podacima iz excel-a
mapiranje at...ranje UUID-a
UUIDGenerator
Output
AttributeCreator
Output
AttributeRenamer
Output
Transforma... HTRS96/TM
Reprojector
Reprojected
INSPIRE ProtectedSites GML
ProtectedSites

Kontrola XML strukture



- Ili kao postavka writer-a