

STAR-APIC



Use of FME in automated
high quality cartographic
Production

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STAR-APIC/Mercator CPS

London
Mapping
Festival

2011 - 2012



Where are you going?

- Who are STAR-APIC ?
- What is Mercator ?
- Use of FME with Mercator
- Automated cartographic production



Geo-spatial software technology for managing land, property and infrastructure



COMPANY & LOCATIONS



STAR-APIC

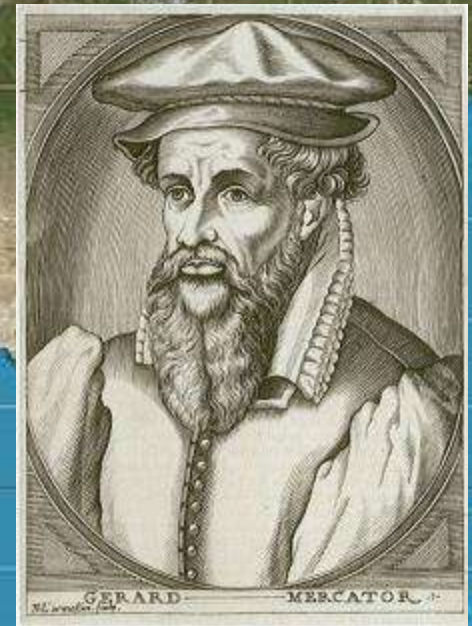
Group – 125

Elyx (GIS)

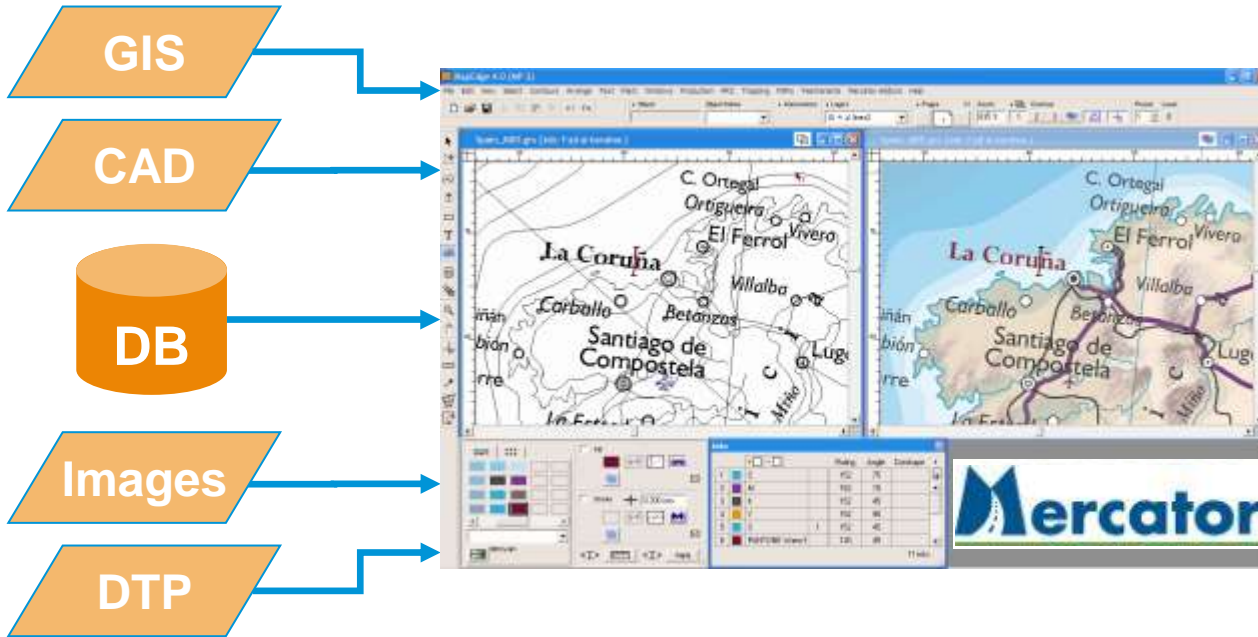
Utility solutions

3rd party (FME ...)





Mercator for cartographic production



DATA

MAPS

PUBLICATIONS

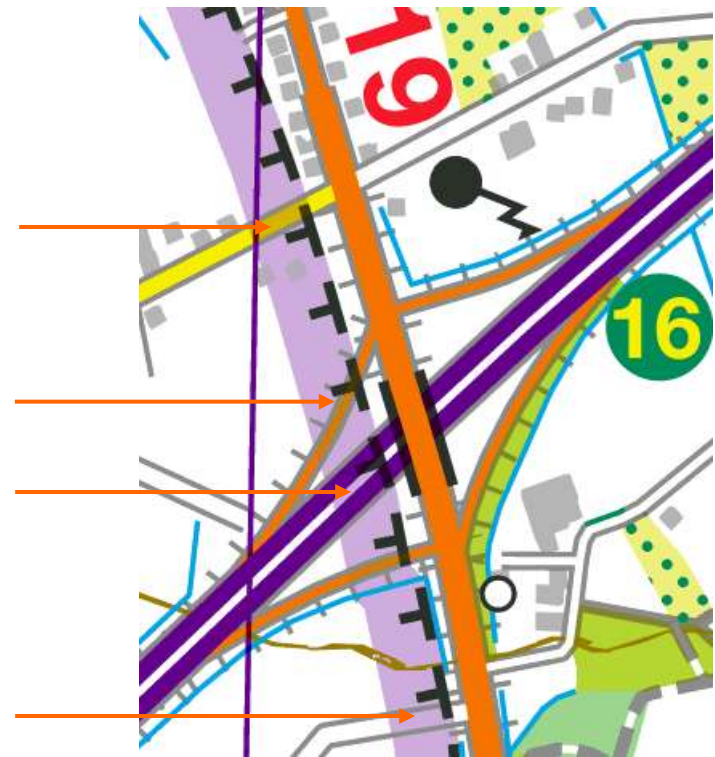


Complex data, clear maps Transparency

without transparency



with transparency



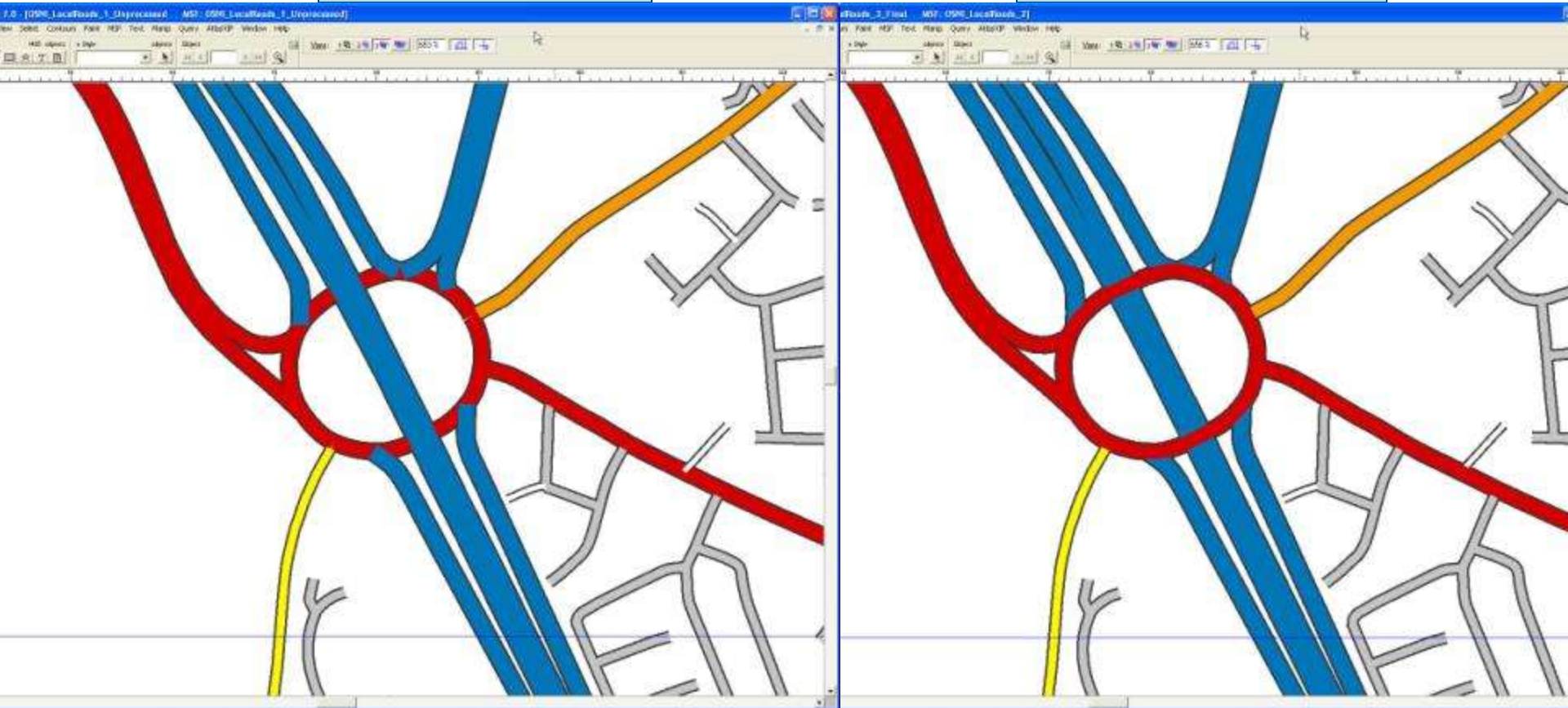


Complex data, clear maps

Graphic layers

Raw data

Finished

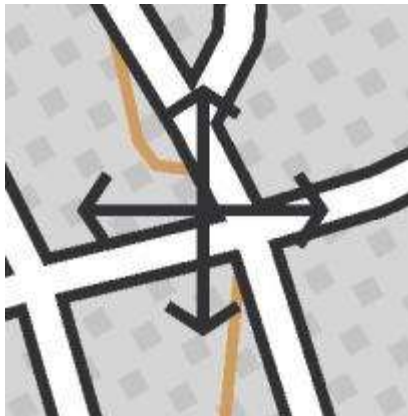




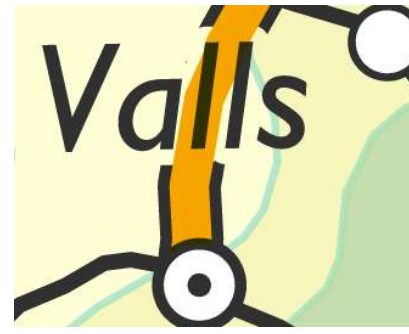
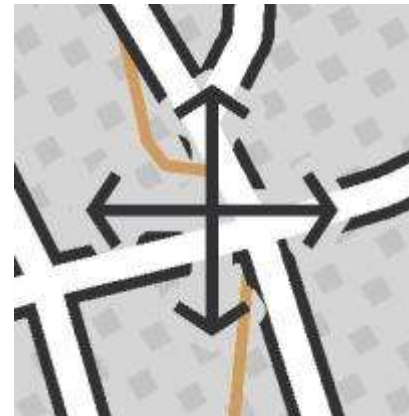
Complex data, clear maps

Selective masking

without masking



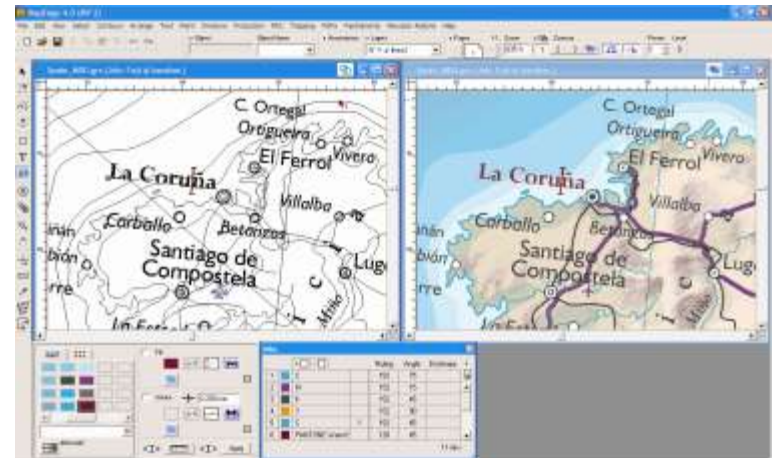
with masking



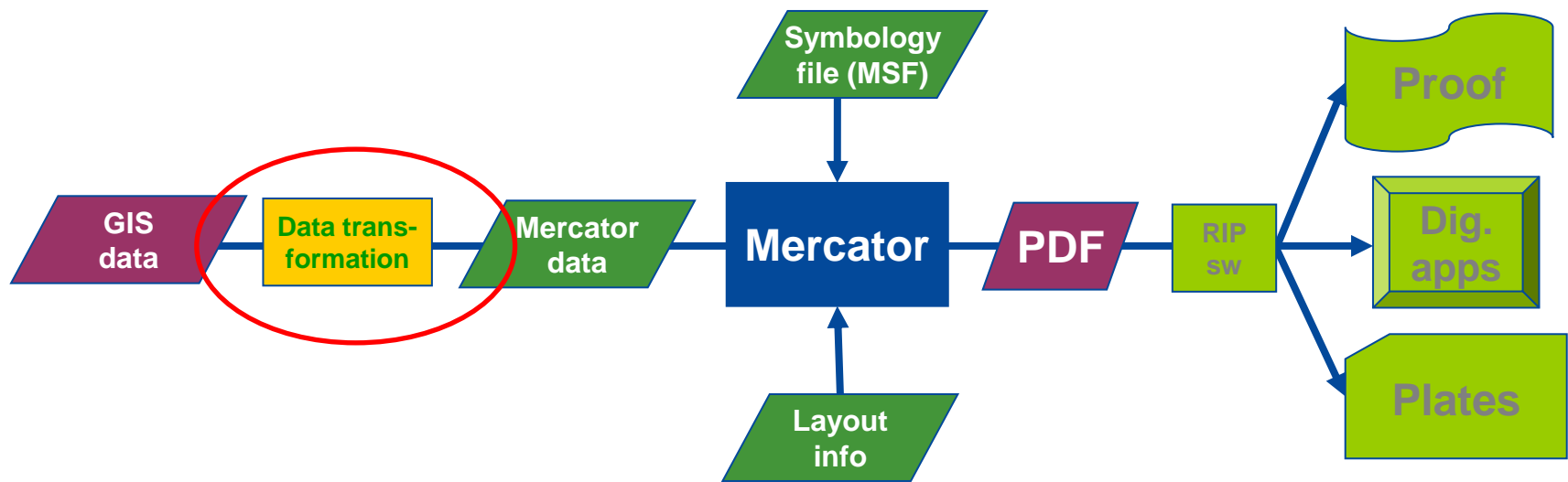


Mercator = Efficient

- Purpose-built for cartographic Production
 - Optimised for large-volumes of data with complex graphic objects
 - WYSIWYG and fast
 - Dual view for easy editing
 - Automation and workflow



Generic Mercator flowline





Mercator in FME

Reader Gallery

Description	Short Name	Extensions	Type	Read	Write	Coord. Sys.	Licensed
SEG-Y	SEGY	.sgy,.segy	File	•	•	•	
Shuttle Radar Topography Mi...	SRTMHGT	.hgt	File/Directory	•		•	•
<i>Smallworld 4</i>	<i>SWORLDSWAF</i>		<i>Database</i>	•	•		
Space Delimited XYZ	XYZ	.xyz	File	•		•	•
Spatial Archive and Interchan...	SAIF	.saf,.zip	File	•	•	•	•
Spatial Data Transfer Standar...	SDTS	*CATD.DDF	File	•		•	•
Spatialite (FDO)	SPATIALITEFDO	.sqlite,.db	File	•		•	•
SQLite Non-spatial	SQLITE3	.db,.s13	File	•	•		•
SQLite Spatial (FDO)	SQLITE3FDO	.db,.s13	File	•	•	•	•
Standard Linear Format (SLF)	SLF	.slf	File	•			•
STAR-APIC Mercator MCF	MCF	.dto	File/Directory	•	•		•
Swedish IZK (Interface 2000)	GZK	.gml,.xml,.gz	File	•	•		•
Swedish KF85	KF85	.k85	File	•	•	•	•
Swedish MASIK	MASIK		Directory	•	•		•
Swiss INTERLIS (ili2fme)	CH.EHI.FME.MAIN	.xml,.gml,.ili,.xtf,.itf	File	•	•		•
<i>Swiss INTERLIS (Tydac)</i>	<i>INTERLIS</i>	.ili	<i>File</i>	•	•		•
Tele Atlas MultiNet Interchan...	TELEATLASCsv	.def	File	•			•
Teradata Spatial	TERADATA_SPATIAL		Database	•	•	•	•
Text Feature Store (TFS) Fixed ...	TFS_FIXEDSCHEMA	.tfs	File	•	•	•	•
Text Feature Store (TFS) Fixed ...	COM.MYCOMPANY.MYFORM...	.tfs	File	•	•	•	•
Text Feature Store (TFS) Varia...	TFS_VARIABLESCHEMA	.tfs	File/Directory	•	•	•	•

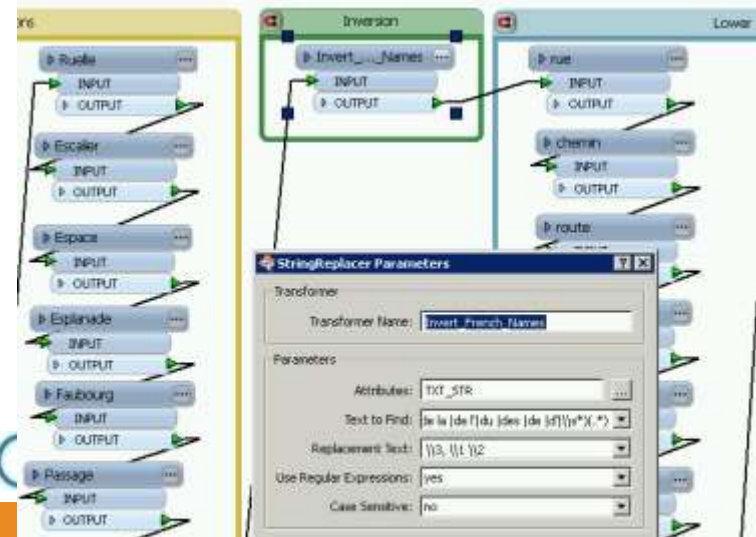
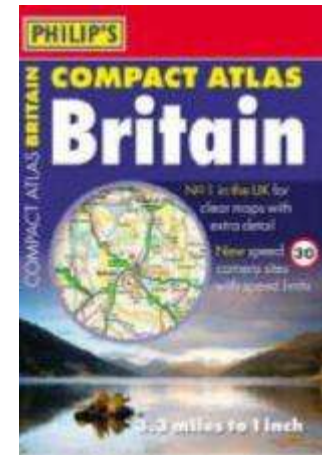
Search

Custom Formats

New... Import... Edit Delete... OK Cancel Details...

Use of FME with Mercator

- Philips (UK) data migration, files to Oracle
 - ✓ Format & Projections
 - ✓ Data updates
- Mapgate 24 (Switzerland)
 - ✓ Import & filtering
 - ✓ Index generation
 - ✓ Labelling



- FME within automated Mercator workflows
 - ✓ Format translation
 - ✓ Filtering
 - ✓ Reprojection
 - ✓ Generalisation
 - ✓ Labelling (with Maptext LabelEZ)
 - ✓ Database population
- + MERCATOR = Great maps automatically !
- But Classified data !



Demonstration & Contacts

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