



Giselle

Standard/Product	Implemented	Development	Standard/Proprietary
<b>Bitmap image persistence</b>			
TIFF	Y	N	De facto proprietary standard (Adobe). Use is unrestricted.
PNG	Y	N	W3C open standard.
JPEG	Y	N	ISO standard.
JPEG2000	Y	N	ISO standard.
<b>Vector layer persistence</b>			
OpenGIS SQL	Y	N	OpenGIS open standard.
ESRI Shapefile	Y	N	De facto proprietary standard (ESRI). Use is unrestricted.
<b>Spatial Databases</b>			
Oracle Spatial Database	Y	N	Proprietary (Oracle). Part of the existing environment at MAFF.
ESRI ArcSDE spatial engine	Y	N	Proprietary (ESRI)
DB2	N	Y	Proprietary (IBM).
MySQL	Y	N	Open source (MySQL AB).
<b>Transports</b>			
GovTalk	Y	N	UK open standard.
SOAP	Y	N	W3C open standard. Used in WebServices
CORBA	Y	N	OMG open standard. Used mainly in banking and telecom. Chosen for ACS integration.
<b>Application Platforms and Environments</b>			
Java 2	Y	N	Proprietary (Sun). Chosen because of portability across hardware and operating system platforms. Use is unrestricted.
J2EE	Y	N	Proprietary (Sun). Chosen because it is one of the de facto standards for deploying application servers. Use is unrestricted.
J2ME	Y	N	Proprietary (Sun). Chosen because of ease of adaptation and for deployment to portable devices. Use is unrestricted.
ACS	Y	N	Cosylab open source, communication middleware is CORBA.
MAFF	Y	N	Proprietary (MAFF). Target integration environment deployed at MAFF (Slovenia).