Information Technology Standard
Commonwealth of Pennsylvania
Governor's Office of Administration/Office for Information Technology

STD Number:	**STD-APP009B**	
STD Title:	**Automatic Vehicle Location Geospatial Infrastructure Product Standards**	
Issued by:	**Deputy Secretary for Information Technology**	
Date Issued: October 16, 2008		**Date Revised: October 25, 2010**
Domain:	**Application**	
Discipline:	**Automatic Vehicle Location (AVL)**	
Technology Area:	**Geospatial Technologies**	
Referenced by:	**ITB-APP009**	
Revision History Date:	**Description:**	
10/25/2010	**Placed ArcIMS 9.2 SP 4 and above into retirement category. Aligns with INFGT001; Moved ArcGIS Server 9.3 and above to Current category** **ITB Refresh**	

CURRENT STANDARDS

(These technologies meet the requirements of the current architecture and are recommended for use.)

Technology	Platforms	Technology Classification
Geospatial Enterprise Server Architecture (GESA)	Geospatial Information System (GIS) Hardware / Software used for AVL implementations Commonwealth's AVL Infrastructure	Current
Commonwealth's Enterprise GIS Database	GIS Data Architecture used for AVL implementations AVL Database	Current
ArcGIS Server 9.3 and above	GESA Web Mapping Software	Current
ArcSDE 9.2 SP 4 and above	GESA Database Middleware	Current
ArcGIS Server 9.3 SP 4 and above	GESA Web Mapping Software	Current
ArcGIS Tracking Server 1.x and above	GESA Tracking Software	Current
ArcGIS Network Analyst 9.x and above	GESA Network Based Spatial Analysis	Current

CONTAIN

(These technologies no longer meet the requirements of the current architecture and are not recommended for use. They will be phased out over time. No date has been set for their discontinuance.)

*STD – Predefined designator for standard(s) established by an ITB

Technology	Platforms	Technology Classification
InterAct GEO911, InterAct GIS 5.10.12 and above	Microsoft Desktop/Server	Contain

RETIRE

(These technologies are being phased out. Plans are to be developed for their replacement, especially if there is risk involved, such as lack of vendor support. A date for retirement has been set.)

Technology	Platforms	Technology Classification
ArcIMS 9.2 SP 4 and above	GESA Web Mapping Software	**Retired**

EMERGING / RESEARCH

(Emerging technologies have the potential to become current standards. At the present time, they are to be used only in pilot or test environments where they can be evaluated. Use of these technologies is restricted to a limited production mode, and requires approval of a waiver request. Research technologies are less widely accepted and time will determine if they will become a standard.)

Technology	Platforms	Technology Classification
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