



**19116 Geographic information – Positioning services**

This part defines a standard interface data structure for use between positioning devices and geographic information application systems. Modern electronic positioning technology is making available a wide range of positioning instruments and devices that can measure the coordinates of a location on or near the Earth dynamically with great speed and accuracy. A variety of geographic information system applications can make use of these facilities including surveying, navigation and intelligent transport systems. Clearly the application of these devices will be able to be taken up more readily with a standard interface.

The standard is of particular relevance to the following sectors:

Sector	Of particular interest
Developers of GIS products	Yes
Developers of GIS application systems	
Producers/ suppliers of geographic data	
Users of geographic data and GIS	
Developers of standards	

For further information on this standard and its implementation, please contact ISO/TC 211 secretariat via [www.isotc211.org](http://www.isotc211.org).