

3D Junction Visuals

Description

- The 3D Junction Visuals product is a consolidation of:
 - 3D Junctions (previously known as Motorway Junction Objects)
 - 2D Signs (previously known as Sign-as-Real)
 - 2D Generalized Junction Visuals product
- 3D Junction Visuals are complete, realistic 3D visualizations of complex junctions and motorways combined with realistic, graphical overlays of motorway signs
- This product enables full 3D animation of complex junctions with sign overlays, enabling visualization of the approach through the entire maneuver in real-time
- This product enables enhanced visual lane-level guidance with situation specific 3D context that helps drivers make more intuitive decisions and reduce the number of last-minute maneuvers
- The 2D sign overlays provide more context for the driver

Data Features

- Accurate representation of road geometry, ADAS attributes, Extended Lanes and other navigable attributes enable illustration of situation-specific 3D context

- Each 3D model is delivered in three levels of detail with a varying polygon count to accommodate hardware and software limitations
- Flexible data models and texturing can be customized to create a unique look and feel
- Detailed, realistic 2D sign images provide country specific context
- Generic images of motorways and signs to visualize simple motorway exits are available to provide additional support

Availability

- Commercially available

Format

- Available in Collada (DAE) format and linked to the following formats: GDF, RDF, NAVSTREETS, FGDB
- 2D sign images available in SVG 1.1 format

Coverage

- 8,104 unique objects in 40 countries globally