What is a "Level 4" Autonomous Vehicle?

Society of Automotive Engineers' Levels of Vehicle Automation

SAE Level and Name	Definition	Steering and Acceleration	Monitoring of Driving Environment	Dynamic Driving*	System Capability
Level 0 No Automation	Full-time performance by the human driver of all aspects of dynamic driving	Human driver	Human driver	Human driver	n/a
Level 1 Driver Assistance	Execution of either acceleration or steering by a system with the expectation that the human driver will perform all remaining aspects of dynamic driving	Human driver and system	Human driver	Human driver	Some driving conditions
Level 2 Partial Automation	Execution of one or more driver assistance systems with the expectation that the human driver will perform all remaining aspects of dynamic driving	System	Human driver	Human driver	Some driving conditions
Level 3 Conditional Automation	Automated driving system performs all aspects of dynamic driving with the expectation that the human driver will respond appropriately to a request to intervene	System	System	Human driver	Some driving conditions
Level 4 High Automation	Automated driving system performs all aspects of dynamic driving under most driving conditions	System	System	System	Some driving conditions
Level 5 Full Automation	Full-time performance by an automated driving system of all aspects of dynamic driving under all roadway/environmental conditions	System	System	System	All driving conditions

^{*}Dynamic driving consists of operational and tactical aspects of driving (changing lanes, using signals) but not the strategic aspects (waypoints/destination finding).

Source: SAE International, "Automated Driving – Levels of Driving Automation," January 2014.