

Press Release
September 14, 2026

BMW Maps displays navigation and driver assistance information in a single 3D view

+++ Starting in October 2026, BMW Maps will display navigation and driver assistance in a single 3D view +++ This feature helps drivers orient themselves in complex traffic situations and makes assisted and semi-automated driving even easier to understand +++

München. Starting in October 2026, the BMW Group will introduce BMW Maps with driver assistance¹ for BMW vehicles equipped with the BMW Operating System X. The feature combines route guidance, the vehicle's surroundings, and driver assistance information into a single 3D view on the central display. This allows drivers to see not only the next navigation step, but also how the vehicle perceives its surroundings and which assistance functions are supporting the driving task.

The display shows the driver's own vehicle precisely within its lane and at the correct road level. This helps with navigation on highways, at intersections, and in city traffic. At the same time, it makes assisted and semi-automated driving even easier to understand in the context of the current driving situation.

This integration is particularly relevant when driver-assistance systems support driving over long distances or in complex traffic situations. For example, the Highway Assistant 2 enables hands-free driving on highways at speeds of up to 130 km/h. The system controls both longitudinal and lateral movement and supports automated lane changes after the driver confirms with a glance. With active route guidance via BMW Maps, the system provides support from the highway on-ramp all the way to the exit.

In urban areas, the interplay between navigation and driver assistance is becoming increasingly important. Starting in 2027, BMW models equipped with the BMW Operating System X will begin rolling out navigation-guided, semi-automated driving in urban areas, initially in Germany.

"An important step toward highly automated driving is the intelligent interaction between navigation and driver assistance. BMW Maps with Driver Assistance¹ shows drivers how route guidance, environmental perception, and assistance functions work together. This provides better orientation when driver



assistance is active—developed by the BMW Group in collaboration with Mapbox,” says Stephan Durach, Senior Vice President of Digital Services, Infotainment, and Connected Company at the BMW Group.

“We’re thrilled to partner with the BMW Group to be the first to bring this next-generation navigation experience to market. Drivers can see exactly which lane they need to be in and everything happening around the vehicle. All of this is brought together in a seamless view—making every trip easier so drivers can enjoy the ride and never miss a turn again,” says Peter Sirota, CEO of Mapbox.

The integrated display in BMW Maps is based on the new generation of driver assistance systems working in conjunction with the BMW Operating System X. BMW Maps with Driver Assistance¹ is developed in-house by the BMW Group and utilizes navigation data and map technology from its partner, Mapbox. The combination of navigation, 3D map display, and driver assistance makes BMW Maps a key differentiator in intelligent vehicle guidance across international markets.

1) The BMW Maps feature with driver assistance is available only in combination with Highway Assistant or Highway & City Assistant in select countries, cities, and on select roads. Rollout is occurring in phases.

2) The availability, scope of functions, and system limitations of Highway Assistant and Highway & City Assistant may vary by country.

BMW Maps with Driver Assistance | Summary

- Everything in a single 3D view: Starting in October 2026, BMW Maps will combine navigation, the vehicle's surroundings, and driver assistance information into a single 3D view for BMW vehicles equipped with Operating System X.
- More intuitive driver assistance: The integrated display shows how the vehicle perceives its surroundings and whether assistance functions are supporting the driver, from complex situations in city traffic to hands-free assisted driving on the highway.
- Intelligent integration of navigation and driver assistance: This feature, developed by the BMW Group, combines precise map information, vehicle sensors, and artificial intelligence. BMW Maps uses navigation data and mapping technology from Mapbox.

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