

Pfronstetten-Aichelau, May 21, 2026

Mobility that lasts**How Paravan solutions have contributed to greater independence, social participation, and freedom in everyday life for decades**

Cahit has been on the move with Paravan for over 20 years. An example of continuity and trust that many customers associate with the company, because individual solutions evolve alongside their needs. For the 56-year-old, it all began with a converted Chrysler Voyager. What has changed since then are the vehicles—but not how he gets around: the interplay between vehicle and wheelchair that has accompanied him to this day and is now continuing with a new vehicle.



A new vehicle, a proven system: Cahit with his new Mercedes Sprinter. Vehicle, wheelchair, and controls work seamlessly together—all from a single source. Photo: Paravan

With his new Mercedes Sprinter, the 56-year-old is switching vehicle types for the first time in 22 years. Saying goodbye to his previous vehicle isn't easy for him: "I'll miss my underfloor ramp; that was much easier and faster." But the circumstances have changed: the previous vehicle model is no longer being manufactured—so that solution is no longer an option. In the future, he will enter his new Sprinter via a Paravan cassette lift. Above all, the new vehicle offers him one thing: more space and new possibilities.

More space for new possibilities

The spacious interior of the Mercedes Sprinter—with plenty of headroom and flexible configuration options—creates space for individual customizations and new usage scenarios. From relaxing to spending the night in the vehicle, entirely new options are opening up. "I travel a lot. It's often difficult to find a wheelchair-accessible hotel. Now I have the flexibility to sleep in the vehicle or take a break." Further customization with a sleeping area and a small kitchen is already planned.

The barrier-free access and the wide range of customization options make the Sprinter a versatile solution for different life situations—whether as a driver or a passenger.

Cahit's mobility solution is more than just a vehicle. For him, it is the key to a self-determined life. Following a workplace accident, he relies on a wheelchair. For over 20 years, he has been operating his vehicles with custom-adapted driving and steering aids. He operates both the smooth-action steering and the throttle-brake lever using a corresponding input aid—a so-called trident, which provides additional grip for those with limited finger function. The throttle and brake are controlled

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digitally via the Space Drive System. He conveniently operates secondary functions such as turn signals, lights, and the sun visor via the Paravan Touch System in combination with voice control.

Everything from a single source – proven in everyday life

Another indispensable part of his daily life is the Paravan PR 50 electric wheelchair. For Cahit, it was crucial that the vehicle and wheelchair were optimally coordinated—and came from a single source. He has been using the PR 50 ever since this option became available. “Because it’s also designed to serve as a driver’s seat,” he says. The electric wheelchair is approved as a full-fledged car driver’s seat and has been crash-tested. It integrates seamlessly into the vehicle via the accompanying floor plate and docking station.

At the same time, the wheelchair is far more than just part of the vehicle solution for him. Even without the car, Cahit remains mobile with it—whether in the city or on outings into nature. The PR 50 is thus a central component of his self-determined mobility in everyday life.

He particularly appreciates the comfort and flexibility: “It’s very convenient and comfortable.” Above all, the electric tilt and lift functions make many everyday situations easier for him. “This gives me flexibility when the table is too high or too low. Or if I can’t reach something, I just raise myself up. And when I’m tired, I can also lean back or lie down.” With the new vehicle, Cahit has also received a new, custom-fitted wheelchair—tailored to his current needs and the new vehicle concept.

Mobility as Freedom in Action

For Cahit, mobility means one thing above all else: freedom. The ability to get around independently, take care of himself, and actively participate in life. “I can get in and drive off on my own. And I can help others, too.” His story illustrates what Paravan stands for: personalized mobility solutions that adapt to changing life situations over the years—and offer everything from a single source.



Seamlessly integrated: Cahit in the PR 50 electric wheelchair, which serves as the driver's seat in the vehicle. The wheelchair, vehicle, and controls are perfectly coordinated. Photo: Paravan



Customization in detail: Cahit fine-tuning his driving and control aids—in direct consultation with a Paravan technician. Photo: Paravan



Individually tailored interaction: The wheelchair, vehicle, and controls are precisely adapted to the driver's needs. Photo: Paravan.



More flexibility on the road: The conversion with a sleeping area makes it possible to take breaks or even spend the night in the vehicle. Photo: Paravan



New solution for entry: Instead of the previous underfloor ramp, Cahit now uses a cassette lift to get into his vehicle independently. Photo: Paravan



Customized controls in detail: A trident steering aid and gas-brake sliders enable precise control of the vehicle. Photo: Paravan



Flexible interior design: A rail system and docking stations allow the wheelchair to be securely integrated as the driver's seat. Photo: Paravan



A new chapter begins: Cahit in front of his new vehicle—mobile and independent, just as he has been for over 20 years. Photo: Paravan

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About PARAVAN GmbH

PARAVAN GmbH, headquartered in Pfronstetten-Aichelau (Baden-Württemberg), is the global market leader in highly customized vehicle solutions for people with disabilities. Approximately 180 employees develop and produce innovative mobility solutions for people with physical limitations at the main site and the Heidelberg branch—ranging from vehicle conversions and electric wheelchairs to specialized driver training. With its “one-stop-shop” concept, PARAVAN supports its customers from consultation through vehicle conversion to driver training. At the technological heart of the company is Space Drive, a digital drive-by-wire driving and steering system that is the first of its kind worldwide to be approved for road use. The technology enables even people with severe disabilities to drive a vehicle independently. With over 25 years of practical use and more than two billion kilometers driven on public roads, Space Drive has proven itself worldwide. In addition to mobility for people with disabilities, numerous industry partners use the system as a technology platform for developments in the field of autonomous driving. www.paravan.de