The future of transportation starts here
New ideas for moving the world forward

We live in a world with increasing mobility challenges: congestion, pollution, aging infrastructure and vehicle accidents. To create a better future, we’re reimagining how people will move through their lives, from autonomous vehicles to intelligent roadways, eBikes to airplanes.

To realize our vision for smart mobility, we’re taking a smarter approach – one that leverages open platforms to accelerate development, personalization to meet individual mobility needs and partnerships to build on the knowledge of leading industry innovators.
Tomorrow’s mobility solutions — whether public or private, autonomous or human-operated, electric or not — will have to function together in harmony. That’s giving city planners, industrial leaders and other stakeholders a lot to think about. Fortunately, Panasonic is at the forefront of this transformation and ready to help navigate the many possibilities. We offer:

- Breakthrough EV battery technologies
- Connected and autonomous vehicle innovations
- CIRRUS by Panasonic intelligent transportation platform
- Avionics systems to personalize the inflight experience
- Smart city innovations to streamline commuting

See how our disruptive innovations will make the transportation of tomorrow safer, more sustainable and more enjoyable for all.
Battery solutions for today and tomorrow

Within the next five years, electric vehicles could cost the same as their internal combustion counterparts, creating a tipping point. As the global leader in EV batteries, we’ve already invested billions to achieve greater efficiency and economies of scale. These advances are critical to helping OEMs develop vehicles that will bring us closer to a zero-carbon energy future.

Case study: Tesla

At the Tesla Gigafactory, we’re scaling production of state-of-the-art EV batteries, like the co-designed 2170 cylindrical battery cell for Tesla’s energy storage system and Model 3 sedan. Batteries produced at the Gigafactory will also be used in Tesla’s upcoming Model Y.

Connected and autonomous vehicles arriving

Expectations for what a vehicle can be are quickly evolving. As vehicles become more autonomous, drivers and passengers will be free to spend more quality time inside. We’ll help them make the most of it with infotainment centers that serve as central communications and data hubs for their connected vehicles, and autonomous living space cabins personalized to individual comfort, entertainment and productivity needs.

Next-generation experiences

As we ready for the future, we’re building on our industry-leading expertise in many areas, including:

- Infotainment solutions based on platform ecosystems such as Android Automotive OS, SPYDR 3.0 and SkipGen 3.0 in-vehicle infotainment
- Connected digital cockpit solutions such as our SPYDR 3.0 platform
- Advanced sensors and optics that elevate the senses
- 5G connectivity that will ensure continuous communications with intelligent roadways and enable new revenue streams from mobility services

Reinventing our roadways

To enable an autonomous driving future that reduces congestion and increases safety, connected vehicles need the ability to interact with intelligent roadways. CIRRUS by Panasonic, our groundbreaking software platform, allows transportation agencies to monitor road conditions in real time and share critical information directly with drivers.

Case study: Colorado DOT

Building on our work with Colorado on the first production-grade intelligent roadway system in the U.S., we’re expanding our industry-leading CIRRUS platform with Utah and as a pilot in Georgia.

Up to 80%

fewer non-impaired, multi-vehicle crashes with connected vehicle technology
More sustainable commuting with eBikes

Beyond automobiles, we see a future with other viable, eco-friendly commuting options such as biking. With an industry-leading weight-to-power ratio, our GX0 motor system powers today’s leading eBikes.

H-D Connect™ motorcycles powered by OneConnect™

With a Panasonic battery at its heart, Harley-Davidson’s cell-connected LiveWire™ is another example of smart mobility – and not just because it’s electric. By helping link riders to an array of vehicle data and services through their smartphones, our OneConnect service is enabling personalized mobility services. Such services enhance customer experiences and create recurring revenue for manufacturers.

Smart city mobility initiatives

For many cities, solving mobility issues such as commuting and parking is a top priority. Our CityNOW team has a proven track record leading large-scale transformations and a proven process for creating a smart city master plan in just four to six months. Our initiatives – encompassing seamless mobility, clean energy, healthy buildings, safe streets and smart living – are creating big changes now in places like Colorado Springs.

Mobile solutions for public safety

In addition to big-picture solutions, we help cities manage the everyday better. For police officers, firefighters and other first responders constantly on the move, our rugged TOUGHBOOK® devices offer on-the-ground support, connectivity and real-time data.

Making air travel smarter

In the skies, we’re helping our airline partners personalize the inflight experience with customized entertainment, retail and value-added services, not to mention new wellness services to counter the effects of long flights. Our NEXT Online and NEXT Cloud platforms provide the connectivity and scalability to support this personalized experience, as well as crew and flight deck applications, predictive maintenance and cybersecurity.
At Panasonic, we anticipate the future, innovate continuously and integrate disruptive technologies to create breakthrough solutions for our customers.

Why Panasonic?

- Deep expertise in transportation, government, logistics and sustainability
- Preferred technology partner of many industry leaders
- Legendary product quality and reliability
- Integrated solutions focused on enhancing the customer experience
- Global reach with comprehensive service and support
- A leader in 10 disruptive technologies transforming business and industry

See how we can help you deliver smarter mobility solutions.

na.panasonic.com/us/what-we-do

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