


A nighttime photograph of a modern city skyline. Several tall skyscrapers are illuminated with lights, their glass facades reflecting the city lights. In the foreground, a multi-lane highway curves through the scene, with light trails from moving vehicles. The sky is dark with some clouds. The overall atmosphere is one of a bustling, connected urban environment.

Panasonic

SOLUTIONS FOR A CONNECTED WORLD
Transforming our cities,
highways and skies



Moving from life as
we know it to life
as we want it

It's been a dream for decades.

A smarter, connected world where technology makes life more convenient, efficient and sustainable. But how long until we get there?

Well, the wait is over, because Panasonic has not only been dreaming, but reimagining how innovations like connected devices, Big Data and renewable energy could work together to create something new. Welcome to a better world.

Making all the right connections

It's true we already live in a connected world, surrounded by smart devices of all kinds. However, the true potential lies in the ability of these devices to seamlessly communicate with each other and respond to real world events as they occur. Imagine:

- Transportation systems that autonomously predict and adapt to riders' needs
- Digital signage that delivers mobile content to citizens via invisible light
- An airborne weather-sensing network that collects data to inform pilots
- A city center that creates and stores its own electricity, and directs it where needed
- Cars and highways that continuously exchange information to keep traffic flowing

300 airlines and 7 of the top 10 auto makers count on Panasonic to provide a more connected customer experience.

Intelligent CityNow technology

In today’s smart city, integrated technology solutions like the Internet of Things, real-time analytics and smart phones work together to deliver information when people need it, like mobile alerts that a subway is pulling up to the platform, or guidance to the nearest open parking spot. With Panasonic’s CityNOW technology, city services like snow removal and waste management can also be carried out more efficiently.

The world’s brightest ideas

Even something as simple as a street lamp can be reimaged to deliver more value – by illuminating as pedestrians approach, then dimming again to save energy. But let’s go a step further. What if it could keep passersby safe through integrated cameras? Or gather air quality data in real time? Or monitor traffic? Or alert authorities in an emergency? That’s not just a street lamp anymore. It’s a brighter idea.



Tools built for first responders

As a society, we ask more and more of police, fire fighters and emergency crews today. Panasonic has designed best-in-class gear to power next-generation emergency response. Durable body cameras like The Arbitrator® BWC and in-car systems capture video from incident scenes, while Panasonic Toughbooks connect teams to the data they need to keep our cities safe and people healthy.

Government on the go

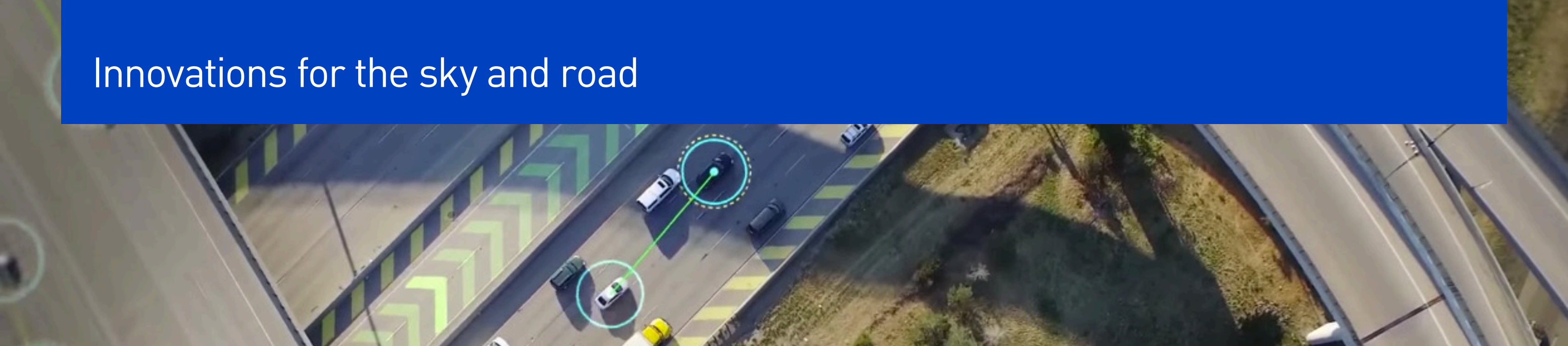
Courtrooms, building sites, public hearings... when public sector employees are on the move, Panasonic solutions provide uninterrupted access to the government records and files they need. Plus, we make it easy for investigators and inspectors to collect, organize and share data. And provide a single platform for law enforcement agencies to manage evidence in a way that ensures compliance and integrity.

First stop: A city fully embracing the future

Denver, Colorado is blazing new trails in connectivity and sustainability. Working with Panasonic developers and engineers, city planners are transforming one of the area’s transportation hubs into an ultra-modern connected community – complete with a smart microgrid, interactive wayfinding kiosks and more.



Innovations for the sky and road



Pioneering how we get places

There's nothing smart about sitting in traffic. Or being disconnected from our lives while in the sky. At Panasonic, we're helping our automotive and airline partners improve the travel experience in many ways – making it safer, faster and way more connected.

What “connecting flight” means to us

Nose to tail, Panasonic is creating innovative, integrated solutions that assist pilots, passengers and ground personnel alike. Connecting on-board weather sensors to satellite data and flight operation services, we're providing pilots with essential information to make on-the-fly routing decisions that save time and fuel. In the cabin, inflight connectivity allows crew members to make passenger reaccommodations in real-time and provide custom services that leave a positive impression.

Highly proactive maintenance

Of course, aircraft generate revenue in the air, not the hangar. So Panasonic's onboard diagnostic tools enable ground crews to address entertainment and communications systems as well as maintenance issues proactively, while planes are still in the sky. This rapid problem-solving keeps flights on schedule, reduces turnaround time and optimizes inflight performance. It's a win for both passengers and airlines.

Pilot your own entertainment

From takeoff to touchdown, airlines are looking for ways to improve the inflight experience. With that in mind, we've developed the Panasonic X Series, which offers connectivity without constraints, access to live TV, on-board integration with passenger's own devices and personalized inflight services that make traveling more enjoyable.

Smarter cars and highways

Along I-70 in Colorado, Panasonic is rolling out an integrated software platform in partnership with the state Department of Transportation. Embedded, connected roadway sensors have the potential to quadruple road capacity and greatly reduce accidents along this challenging corridor. An innovative Panasonic onboard infotainment and vehicle-to-vehicle communication protocol allows cars to share information with each other and with roadway infrastructure.

The future's just around the corner

At Panasonic, we're hard at work making driving even safer. Soon, augmented reality window displays will keep all eyes on the road. Artificial intelligence will quickly detect pedestrians or obstacles in the road, even in bad weather. And autonomous vehicles will become a real part of our world.



Panasonic: Innovations that really add up

80% FEWER ACCIDENTS
will happen thanks to intelligent highways,
per a Colorado DOT study



**50% OF
COMMERCIAL
CARRIERS**
have chosen Panasonic for
passengers' inflight connectivity



**18-HOUR
BATTERY LIFE**
in Toughbooks used by law
enforcement

1.3 MEGAWATTS
generated by Denver's CityNOW AC canopy solar
installation to serve the grid and provide back-up power



Creating the technologies that move us

At Panasonic, we anticipate the future, innovate continuously and integrate disruptive technologies into breakthrough solutions for our customers. Our goal? Create technologies that move us toward a better life and a better world. We provide integrated solutions in these four areas:

A Connected World that meets today's information, connectivity and transportation needs

Immersive Entertainment that turns live events into unforgettable, personalized experiences

Sustainable Energy that advances eco technologies and transforms industries

Integrated Supply Chain solutions that bring intelligence and insight to how products are made, shipped and sold



Learn how Panasonic can help
move your business forward.

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