Homes and cities built smarter and greener

Panasonic
Smart construction technology for today’s top priorities
There’s a revolution happening in building today. Construction professionals are looking for new, more efficient ways to lessen environmental impact. And consumers, keenly aware of a home’s effect on their personal well-being and the planet, are seeking out healthier, more eco-friendly homes.

Responding to these needs, Panasonic is pushing boundaries in areas like renewable energy, intelligent HVAC, indoor air quality (IAQ) and smart city planning to bring about a smarter, greener future.
Panasonic has a wide range of industry-leading solutions designed to increase energy efficiency while maximizing health and comfort. Built on decades of forward thinking, these solutions include:

• Premium HIT® solar panels and energy storage systems
• IAQ code-compliant ventilation solutions
• Automated heating and cooling in tune with room conditions and occupancy
• Breakthrough technologies to cleanse indoor air
• Sustainable development for communities

For an industry that never stops evolving, Panasonic is committed to continuously raising the bar in building technology.
Next-generation cities and homes

Today, forward-thinking professionals are focused on the construction of net-zero buildings, which produce as much energy as they consume. We’re doing our part with unrivaled solar and energy storage solutions for homes and communities, plus smart planning services to lay the groundwork for greater sustainability in our cities.

At home with renewable energy

For more than 40 years, we’ve been working toward a goal of zero carbon energy. One way we’re getting there is our premium HIT solar panels, which offer industry-leading power conversion and a 25-year guarantee.

Storing some sunshine

When you create a surplus of energy during daylight hours, it’s important you’re able to save it. With more capacity and capability, Panasonic battery storage solutions ensure you have the power you need during peak hours and grid failures.

Sustainable development services

With decades of experience bringing together developers, municipalities and utilities in public-private partnerships, we understand the complexities of creating sustainable infrastructure for cities. Our Smart District Master Planning Services are here to show the way forward.

A legacy of sustainability breakthroughs

In Fujisawa and Tsunashima, we developed the first sustainable smart towns in Japan, creating a global model for smart city innovation. Built from the ground up with advanced Panasonic technologies, these towns are designed to nurture a sustainable, safe and secure lifestyle for residents.

In the U.S., our smart city team has been a driving force behind major public-private development projects in places like Denver and Colorado Springs. In Atlanta, we helped create the digitally connected, mixed-use Battery entertainment district for the Atlanta Braves’ SunTrust Park.

5 in 6 building decision makers are interested in adopting technologies that address net-zero energy codes*

Solutions

Energy
- Premium HIT solar panels
- Renewable energy storage
- Sustainable development planning services
- Public-private partnerships

Comfort & health
- Ventilation and indoor air quality
- Smart heating and air conditioning systems
- Air purification technology
- Smart home solutions

*Panasonic, Disruptive Technology Adoption Research, August 2018
The smart home just got smarter
Consumers today (especially millennials) don’t just want healthier homes – they want smarter homes. HomeX, our integrated lifestyle platform, custom tailors the living experience for each occupant by coordinating IoT appliances, electronics and home systems. From lighting to HVAC, entertainment to security, the system recognizes family members and adjusts to their preferences, making home feel more like home.

Case study: Best Western
In an age when we book travel after reading reviews, hotels must focus on enhancing the guest experience. By switching to Panasonic ventilation fans, a Best Western property was able to lower noise by 75% while using 82% less energy.

Case study: Panorama Homes
This custom green home builder needed a whole-home ventilation strategy to improve IAQ for their newly constructed homes. Challenge met: our high-performing ERV system lowered pollutants by 92%.

Flexible heating and air conditioning
Our solutions do more than just provide optimal indoor comfort. With intelligent sensor technology, they can automate heating and cooling to match room conditions and occupancy, enhancing energy efficiency in both residential and commercial use.

Industry-leading ventilation and IAQ
Panasonic invented energy-efficient, ultra-quiet ventilation and continues to lead the way with a range of IAQ-compliant solutions. Now, with Cosmos, our IoT-based environmental system, we’re taking another big step. By coordinating functions such as HVAC, air purification and dehumidification, Cosmos can automatically monitor and adjust air quality in real time, creating a healthier home for everyone.

Breathe deeper and cleaner
Inside the home, another Panasonic innovation is also hard at work: our patented nanoe™X air and surface purification technology, which operates at a nano-scale. By dispersing OH radicals through the air and deep into fabrics, nanoe™X decreases common odors and pollutants in the indoor environment. As an additional benefit, it has been shown to help retain skin moisture, reducing dryness issues.

A HEALTHIER, MORE COMFORTABLE PLACE TO LIVE
At Panasonic, we anticipate the future, innovate continuously and integrate disruptive technologies to create breakthrough solutions for our customers.

**Why Panasonic?**

- Deep expertise in the building and construction industry
- 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 move your building and construction projects forward.**