

What does 'smart community' mean to you?



Smart communities are the building blocks of smart cities

Underpinned by connectivity, a smart community uses state-of-the-art technology and real-time data analytics to improve environmental sustainability, reduce the digital divide and enhance people's lives with smarter, personalised and more intuitive services and experiences.

Smart community applications can include:

Smart water monitoring tracks water levels in rivers and provides flood warnings to potentially affected residents.

Smart lighting offers precise control of lighting levels and timing, sends notifications when maintenance or repair is required, and can even serve as the physical backbone for Wi-Fi access points.

Smart security keeps people safe by sending automatic alerts to emergency services when something doesn't look right.

Smart education supports online and remote learning and equips students with the digital skills they need to succeed.

Smart public transport provides timely scheduling and routing updates, enables frictionless fare payment, monitors passenger loads to avoid overcrowding and maintain social distancing, and provides personalised recommendations based on riders' habits.

Smart health and social care use sensors and IoT devices to monitor refrigerators, door openings and other indicators of abnormal behaviour to help enable independent living.

Smart waste management relies on IoT sensors to monitor waste bins and optimise collection schedules and routes.

Smart manufacturing and logistics modernise operations with autonomous vehicles, agile supply chains, asset tracking, predictive maintenance, and more.

Smart venues deliver connectivity throughout their facilities and enhance the fan and guest experience with digital interactive experiences, kiosk solutions, responsive lighting, and functional apps to manage parking, traffic and public safety.

