

Key features and benefits: TI's ZigBee Smart Energy 1.1-compliant solutions

Features	Benefits
Complete ZigBee solutions set includes proven, cost-effective, easy-to-use hardware, software and sample applications	<ul style="list-style-type: none">• All-in-one package speeds development time, enables designers to bring end products to market more quickly and efficiently• Eliminates requirements of an engineer to write code for Smart Energy end products, which reduces development time by about two working months
Fully compliant ZigBee PRO feature set, IEEE 802.15.4 Medium Access Control software (TIMAC), high-performance radio and sample applications	<ul style="list-style-type: none">• Drives lower-cost installation for wireless devices to provide end-to-end data communication system• Ensures interoperability and consistency with growing portfolio of IEEE 802.15.4 products and platforms• Enables excellent coexistence with WLAN and Bluetooth® technologies, and other 2.4 GHz solutions
Backwards compatibility with ZigBee-certified products using ZigBee Smart Energy 1.0	<ul style="list-style-type: none">• Allows customers to use existing hardware, which saves time and decreases costs in the upgrade to ZigBee Smart Energy 1.1
Addition of new feature sets, including: Fast polling, energy price acknowledgement, block tariff, multi-energy service infrastructure devices, tunneling of other protocols, over-the-air (OTA) updates, and more	<ul style="list-style-type: none">• Enables interoperable, lower-power, greener devices• Provides customers with more extensive information on energy consumption than proprietary solutions available today• OTA upgrade enables in-field upgrades of HAN devices to future versions of ZigBee Smart Energy specifications
Extensive worldwide support and a vast selection of development tools, via TI and TI's Developer Network	<ul style="list-style-type: none">• Ensures 24/7 support to ease design cycles• Provides access to third-party resources to help with debugging and product fine-tuning