

Honeywell Smart Energy NIC Developers Kit

The energy industry demands have evolved past the need for simply reading meters and collecting data such as billing, load profiling, and outage/restoration statistics to a smart grid that is interconnected to a variety of devices. Smart grid communications have moved from proprietary protocols to industry standards that create true interoperability to support Smart Cities and Smart Grid initiatives and to support a variety of applications and connected devices. Honeywell has released a developers kit for our Network Interface Card (NIC) to allow partners to integrate into our EnergyAxis ecosystem.

Hardware and Software Development guidelines

Honeywell's developers kit contains specifications for the physical and firmware requirements, as well as specifics for our unique C12.22 application layer protocols. Honeywell's NIC conforms to industry standard form factors, enabling integration into common platforms readily available in the market, as well as new applications. The kit includes both dimensions and connectivity specifications, power requirements, data throughput support, and test applications.

Multi-network support

Honeywell's developers kit allows 3rd party developers to incorporate their products into both our traditional EnergyAxis LAN as well as our latest, standards-driven SynergyNet mesh networks. Additionally, our C122.2 protocol can be applied to other IP-based networks such as cellular, Ethernet, and fiber NIC's for easy integration into Honeywell software solutions.

Find Out More

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