Unparalleled flexibility, and multiple deployment options make the Honeywell Next Gen Non Metering SynergyNet Router the best option in advanced smart grid and smart meter communications for utilities. The device is the intelligent interface between the head-end (Connexo NetSense) and the local area network (SynergyNet MESH) which may include electric, water, and gas endpoints, as well as smart grid sensing and control devices.

The Router communications module provides network security, management of the local area network, and multiple options for communication interfaces to wide area networks (WAN). The Next Gen Non Metering SynergyNet Router delivers intelligent and highly effective management of the local area network while giving the utility extensive tools to support value-added services.

SynergyNet Routers are designed for single or multi-service deployments and can be used in gas or water only service areas as well as electricity and combined electricity, water, and/or gas service areas. Utilities can select the Next Gen Non Metering SynergyNet Router style and options that meet their specific requirements.

**FEATURES AND BENEFITS**

<table>
<thead>
<tr>
<th>The Honeywell Next Gen Non Metering SynergyNet Router is available in:</th>
<th>To provide greater network design flexibility, the Next Gen Non Metering SynergyNet Router is also available with a variety of power options:</th>
<th>Each Next Gen Gatekeeper manages a network of thousands of network elements by performing the following functions:</th>
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<tr>
<td>• A Next Gen Gatekeeper in a ruggedized NEMA enclosure</td>
<td>• Enclosure with AC power and optional battery power</td>
<td>• Network traffic routing</td>
</tr>
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<td></td>
<td>• Enclosure with solar power</td>
<td>• Network element registration</td>
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With an open network architecture and using a wide range of public and private communications networks, the Honeywell Next Gen Non Metering SynergyNet Router is an ideal mesh network solution for commercial, industrial, and residential smart metering, as well as smart grid management.
WAN OPTIONS
The Honeywell Next Gen Non Metering SynergyNet Router is an open-architecture component, able to work with a variety of public and private communication networks. It can be deployed using a mixture of WAN solutions, including LTE, satellite, fiber, WiFi, Ethernet, and private RF. This flexibility allows utilities to deploy systems with the confidence that they can migrate to new and emerging WAN solutions as their networks evolve.

ROBUST NETWORK OPERATIONS
Honeywell Next Gen Non Metering SynergyNet Router provide support for electricity utility outage and restoration management and continued electric, gas, and water meter data collection even when power is lost. If a power failure occurs at the gatekeeper site, an optional backup battery enables the device to function within the mesh network and communicate with network elements.

The mesh reroutes communications around sites that lose power, thereby avoiding data collection disruptions caused by single points of failure, usually the bane of tower-based systems.

Honeywell smart meters provide a last-gasp notification, further enhancing the utility’s visibility of outages.