Commercial & Industrial Gas Meter IMU Interface Professional Installation and Specification Manual

Silver Spring Networks AxisPath^{TM} Network

C&I Gas Meter Interface Purpose

The C&I Gas Meter Interface is designed to replace or supplement a customer's existing mechanical utility meter index. Using a magnetic pulse output adapter to interface to the meter output, it can be installed on a variety of meter brands.

The C&I Gas Meter Interface end-point device allows for accurate, near-real-time customer utility use information, which can be read by the utilities company from a remote location.

Functionality

The C&I Gas Meter Interface end-point device performs two basic functions:

- Gathering and recording customer utility use information directly at the metering point.

- Sending and receiving messages to and from the utility company computer system such as:

    - Utility use, status, alarm data, and similar information.
    - Data requests, configuration, and verification messages.

C&I Gas Meter Interface end-point devices communicate with the utility company computer system using a combination of Local Area Networks (LAN), AxisGate^{TM} nodes, and a Wide Area Network (WAN).

Marketing & Installation

The C&I Gas Meter Interface end-point device is not sold retail, to the general public or by mail order. It is sold to exclusively to the utilities industry and requires professional installation:

- installation is controlled.
- installation is professionals in the employment of the utility company
- installation requires special training (special programming, access to keypad, field strength
- measurements made)