

FIXEDLINX™ CONCENTRATOR

FIXEDLINX
COMPONENTS



POWERFUL DATA INTEGRATION

Each FixedLinx system typically employs a single Concentrator to integrate raw meter data into the MasterLinx Enterprise Management System. Concentrator 'cleans' incoming meter data and provides preliminary processing and optimization prior to access by the utility. Two major benefits result from our FixedLinx AMI architecture;

- * Distributed Processing on site with local short term data storage provides an additional layer of 90 days data redundancy as a safeguard against IP loss. Data is typically pushed through to the utility every hour, though parameters are user-defined and range from 15 minute updates to once per day.
- * Decode encrypted meter data, address error codes and provide data recovery stemming from slightly corrupted messages creating 'clean' data. FixedLinx utilizes Cyclical Redundancy Check (CRC) algorithms that conform to I.E.E.E. Standards along the data chain – from endpoint to the Concentrator to ensure the highest level of data accuracy.

TECHNICAL SPECS:

- * Quad-Core Intel® Processor
- * Intel® X38 Express chipset
- * 2 GB Dual Channel SDRAM System Memory
- * Integrated SATA 3 gb/s Contoller
- * 250 GB Hard Drive expandable to 4 Terra Byte (TB)

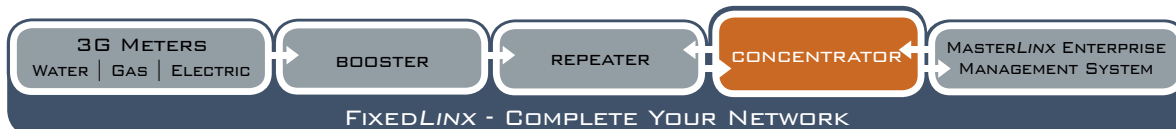
MASTERLINX DATA CENTER

A secure, state-of-the-art Data Center offering MasterLinx Enterprise Management software as a service (S.a.a.S.)

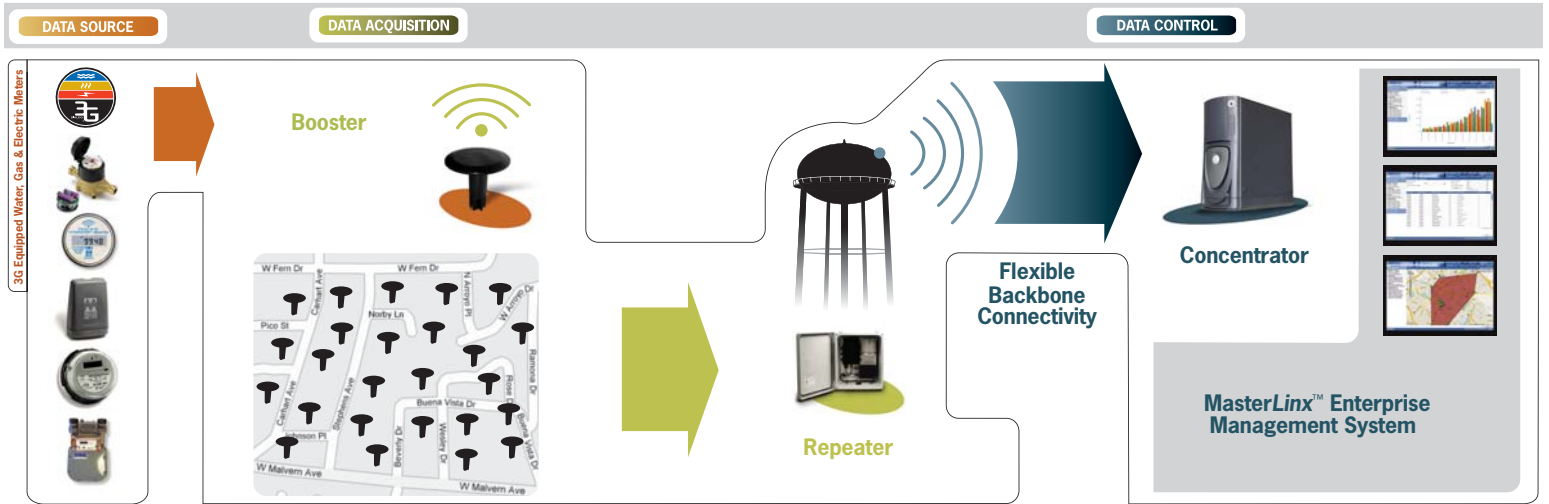
- * Limits utilities' hardware investment and IT staff overhead
- * Provides assurance that systems and data are expertly managed, monitored, maintained
- * Offers around the clock protection against power and connectivity failure
- * Redundant Tier 1 fiber optic connectivity, uninterrupted backup power supplies (UPS) and generators

MASTERLINX DATA CENTER

The MasterLinx system software, database and application server(s) can be purchased and maintained by a local utility IT department. Locally-hosted systems collect data directly from the Concentrator and do not receive the benefits of the Operational Data Store and Data Center. The size of the utility will determine the number and capacity of servers required.



FIXEDLINX ARCHITECTURE



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Concentrator1208

