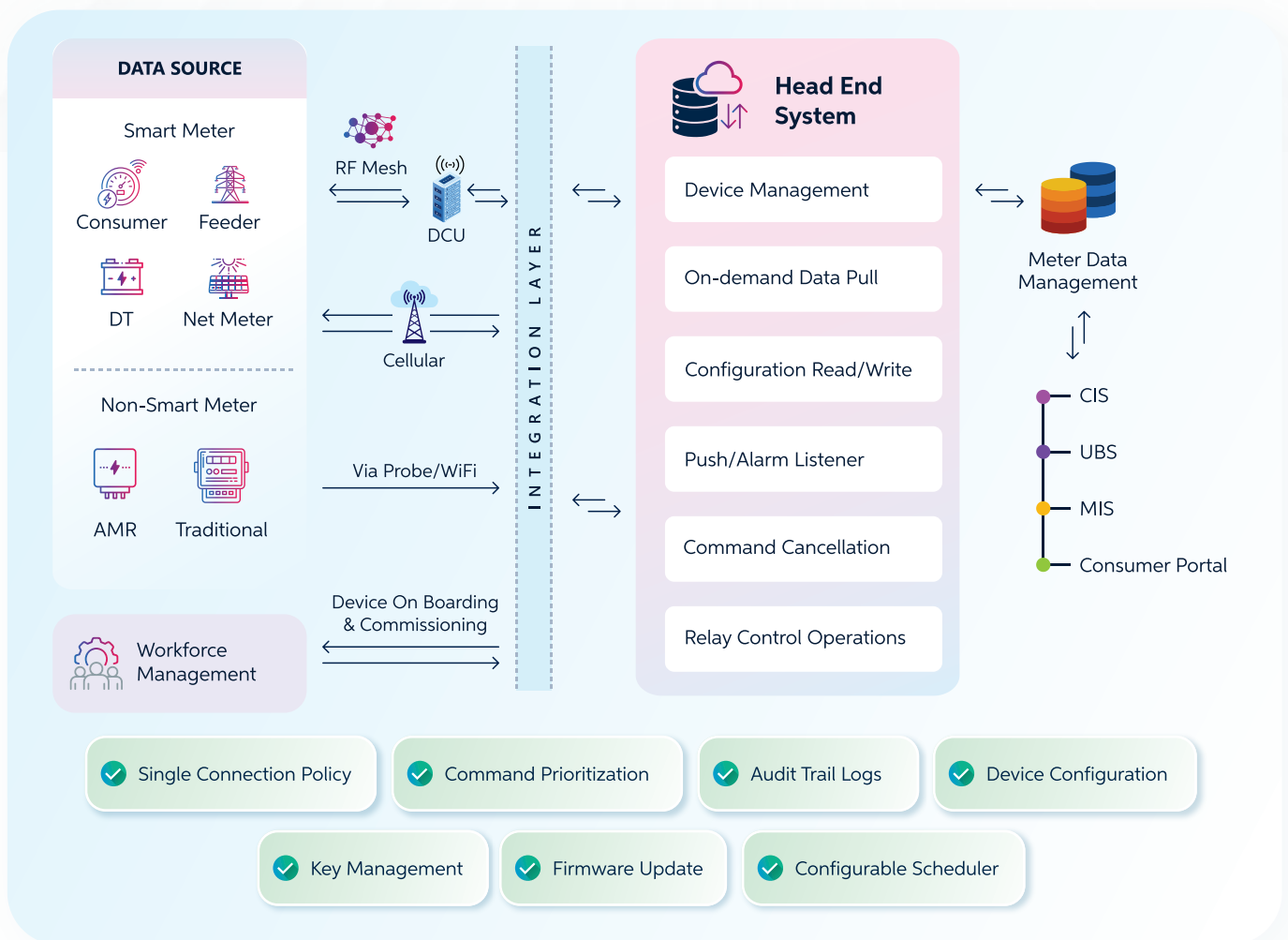


# Configure – Capture – Share

## Where Smart Meters Meet Intelligent Hubs

UGO-HES functions as a versatile, city-wide platform, operating independently of specific standards and equipped with diverse protocols. Through services such as device management, configuration read/write, on-demand data pull, and relay control operations, it acts as the architect of an intelligent, eco-conscious IoT communication grid. This enables users to deploy a unified application and leverage the same infrastructure to interconnect additional devices or networks, offering a forward-thinking, cost-effective solution.



## Key Features



### Flexible Connection

Includes fast and reliable solutions for both point-to-point (P2P) and point to multi-point (P2M) communication.



### Supported Media

Offers a wide range of communication option like Cellular (2G/3G/4G/NB-IoT), RF mesh, PLC, LORA-WAN etc.



### Network Monitoring System

Maintain complete diagnostics & detection of any unidentified node for pulling the data with real time ping status.



### Protocol Manager

Supports DLMS/COSEM, MODBUS, TCP/IP, IDIS (61334-5-1) protocols for smooth data sharing with different meter makes.



### Alarm Management

Receive alarms sent by devices, like in case of low power quality, power outages or voltage sags and swells, or fraud.



### SLA Reporting

Enable monitoring of the data delivery and the SLA levels of selected unit groups either on daily or monthly basis.



### Data Listener Mode

This mode is a continuous process to receive the data pushed by meters through DCU, NIC, and Gateways.



### Time Synchronization

Sync up of meters in case of installation of new meters or during anytime drift cases in RTC.



### Security

Communication is secured by authenticated key management, including data encryption, to prevent unauthorized contacts.



### Integration

Includes a fixed integration layer for publishing data, on demand read, control, device parameterization, meter reading scheduling etc.



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