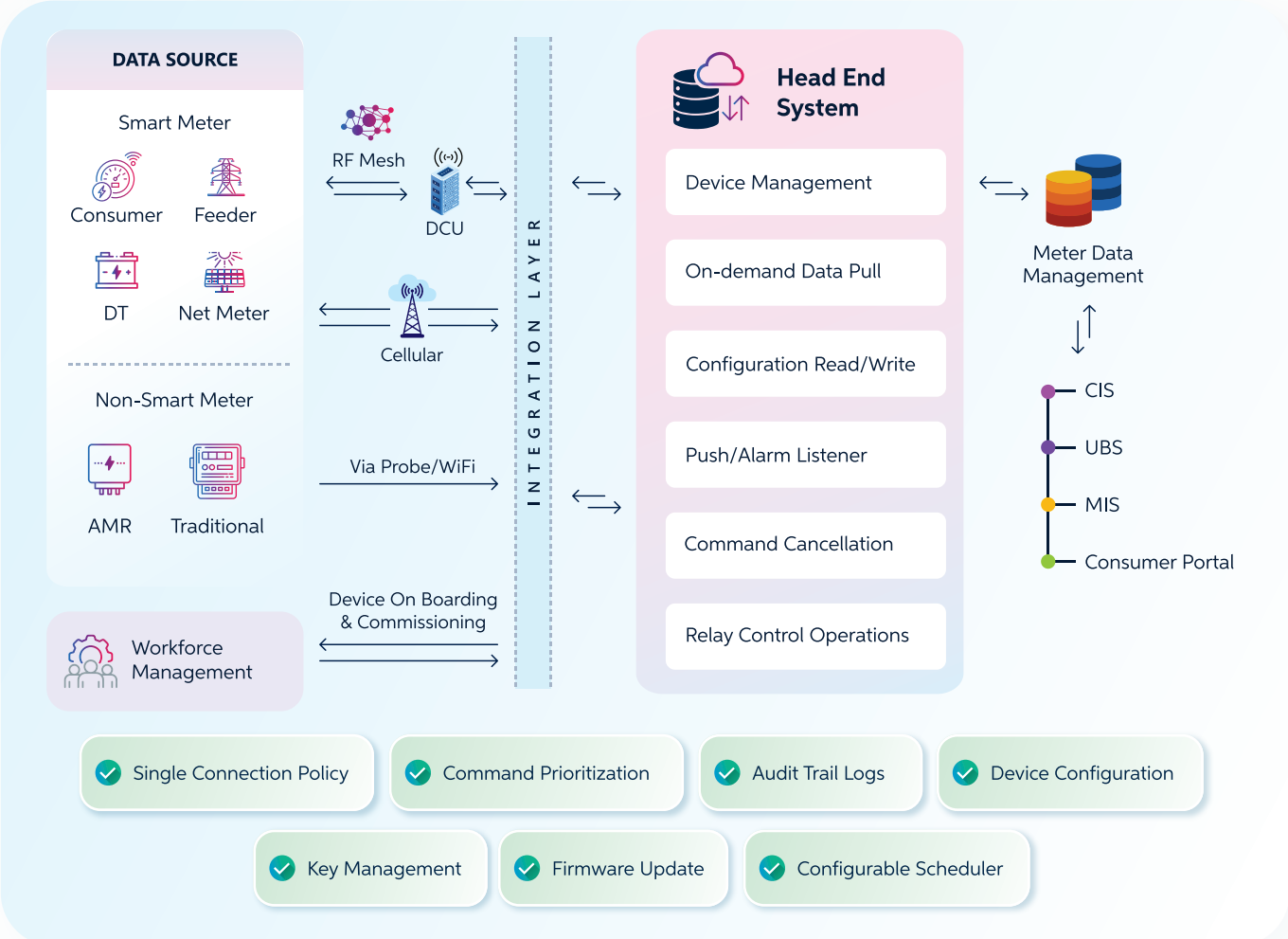
HES
Head End System

UGO ONE

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.



U HES
Head End System

UGO ONE

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/NBIOT), 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 any time 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 para-meterization, meter reading scheduling etc.

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