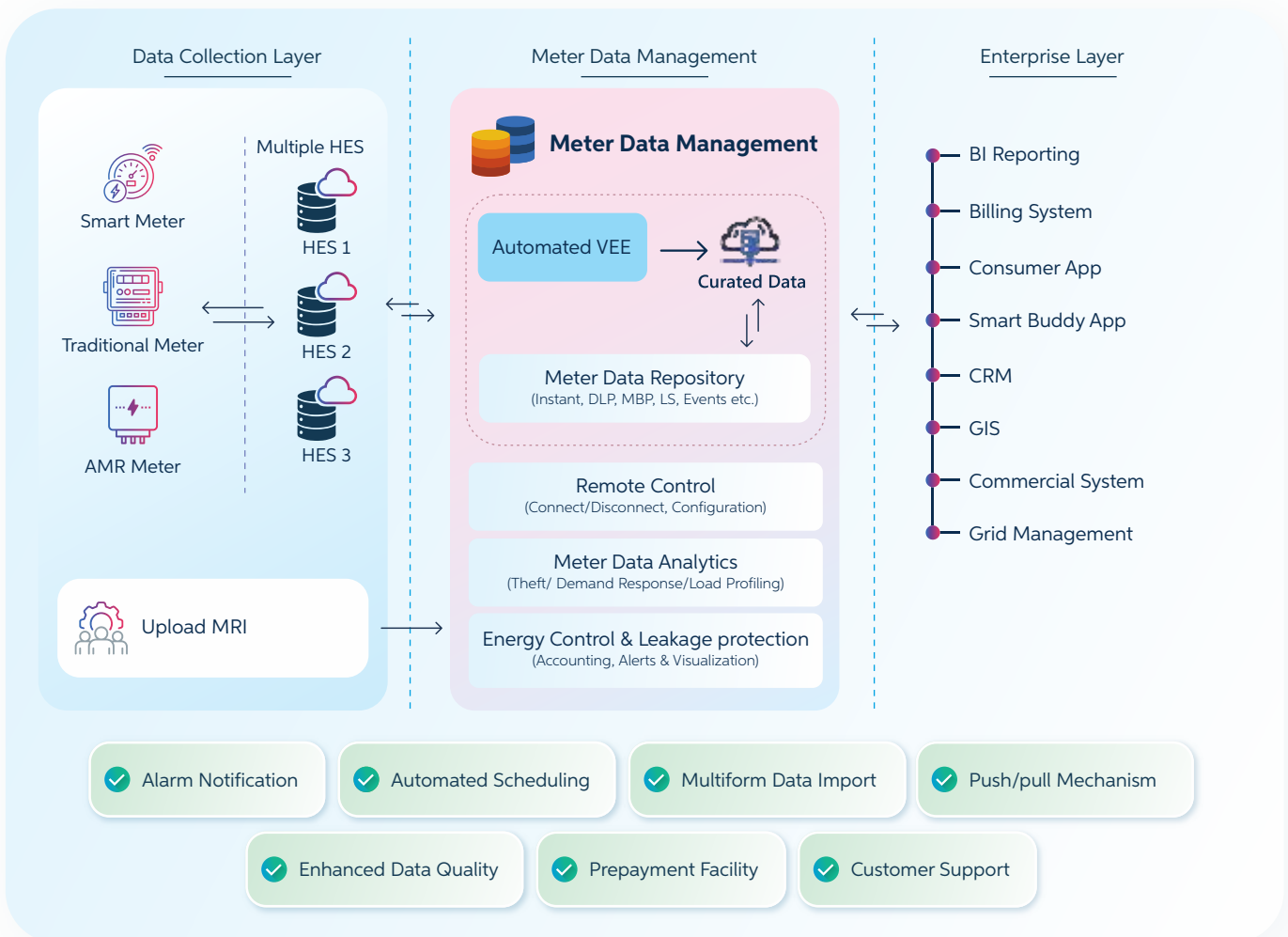# U MDM
Meter Data Management

UGO ONE

Collect – Analyze – Visualize

Elevate your Game from Complexity to Clarity

Whether it's managing meter rollout or managing data repository, UGO MDMS provides a sturdy platform essential for maximizing the utility of smart meter by encompassing smart device rollout management, remote control, push-pull mechanism and multi-form data import for utility-centric value-added services. Partner with UGO to avail benefits of highly scalable and open technology-based solution that functions as a central hub for downstream data sharing with multiple systems of utility.

Data Collection Layer | Meter Data Management | Enterprise Layer

Data Collection Layer
- Smart Meter
- Traditional Meter
- AMR Meter
- Upload MRI
- Multiple HES
  - HES 1
  - HES 2
  - HES 3

Meter Data Management
- Automated VEE → Curated Data
- Meter Data Repository (Instant, DLP, MBP, LS, Events etc.)
- Remote Control (Connect/Disconnect, Configuration)
- Meter Data Analytics (Theft/ Demand Response/Load Profiling)
- Energy Control & Leakage protection (Accounting, Alerts & Visualization)

Enterprise Layer
- BI Reporting
- Billing System
- Consumer App
- Smart Buddy App
- CRM
- GIS
- Commercial System
- Grid Management

- ✓ Alarm Notification
- ✓ Automated Scheduling
- ✓ Multiform Data Import
- ✓ Push/pull Mechanism
- ✓ Enhanced Data Quality
- ✓ Prepayment Facility
- ✓ Customer Support

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Key Features

Billing Determinants
Configuring multiple TOU/TOD options, processing of interval data and proper accounting for special metering situations.

Asset Management
History of Device Life cycle, log Damages and tracking of the status of meters and communication equipment.

Exception Management
Capture and log data exceptions, problems and failures to generate management reports, provide trend analysis, SLA Monitoring etc.

Hierarchal Configuration
Energy Management and Smart Grid applications (including nontechnical losses) through sub- and virtual meters.

Alarm Management
Centralized and uniform system of alarms sent by devices, like in case of low power quality, power outages or voltage fluctuation.

Service Orders
Generate service orders based on alarms such as stop meter, tampers, non-communication via SMS, Email or WhatsApp etc.

Powerful Toolsets
Rich set of applications covering data ingestion, storage, transformation, and analysis and output visualization.

Advanced Analytics
Data analysis for optimizing the utilities distribution, detect anomalies, reduce downtime, and identify revenue points.

Dynamic Dashboards
Displaying smart metering KPIs leveraging real-time and historical data –can trigger alerts in case of SLA deviation.

Integrated Governance
Integration with enterprise systems such as WFM, GIS, SCADA, BI reporting, CRM and others to leverage value.

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