Simplifying Meter Reading

Enhancing Efficiency   Revolutionizing Meter Reading in the Utility Sector
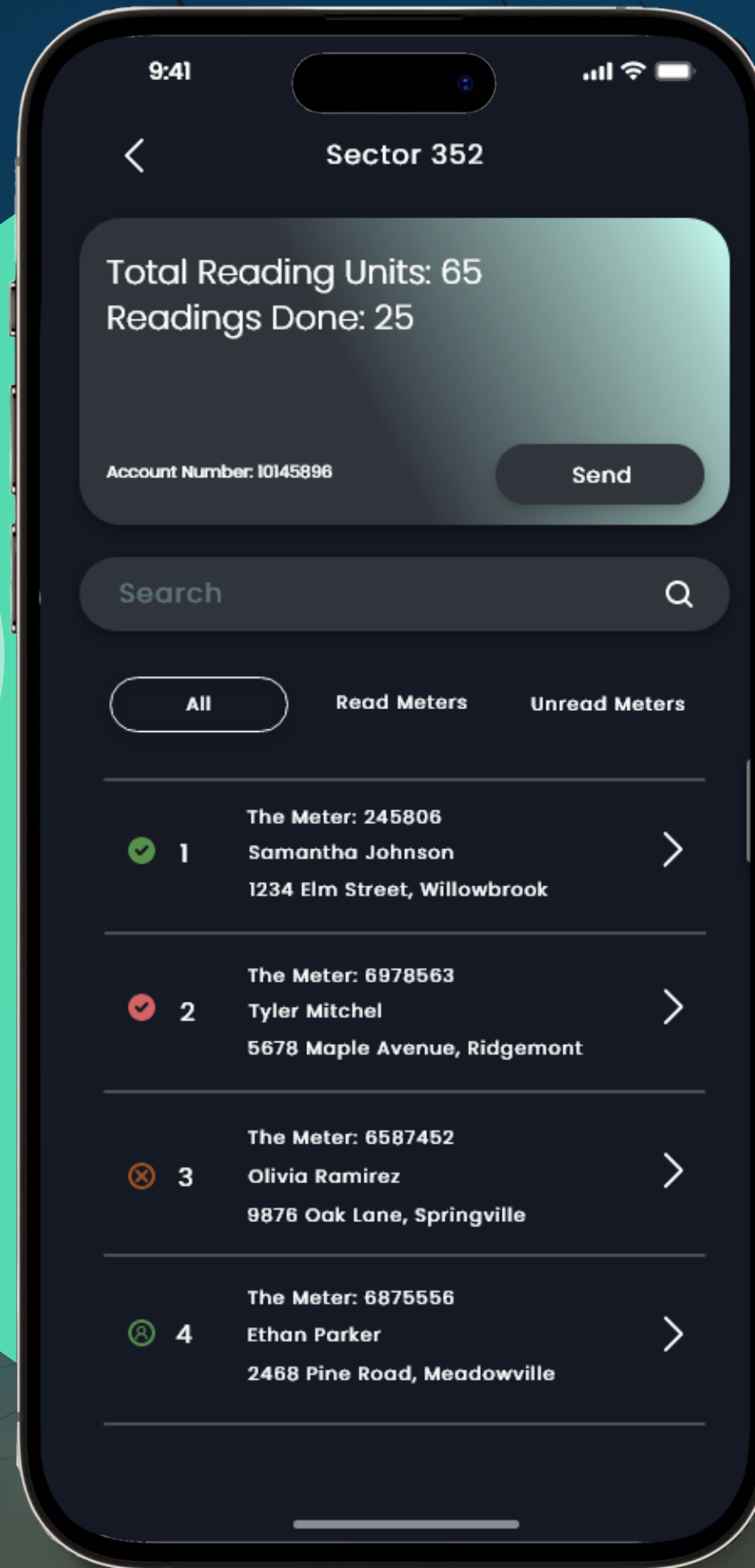
Energy providers, meter reading service companies, energy management professionals, facility managers, and individual customers can easily capture meter readings using smartphones and tablets.

measured location

skipped measuring point

skipped measuring point without reading

measuring point read by the customer

Sector 352

Total Reading Units: 65
Readings Done: 25

Account Number: 10145896   Send

Search

All   Read Meters   Unread Meters

1   The Meter: 245806
     Samantha Johnson
     1234 Elm Street, Willowbrook

2   The Meter: 6978563
     Tyler Mitchel
     5678 Maple Avenue, Ridgemont

3   The Meter: 6587452
     Olivia Ramirez
     9876 Oak Lane, Springville

4   The Meter: 6875556
     Ethan Parker
     2468 Pine Road, Meadowville

It efficiently addresses the challenges and limitations associated with manual data entry.

Our solution for utility meter readers offers powerful functionalities and automation to streamline the reading process.
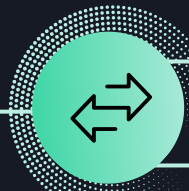
Transform your operations and enhance customer satisfaction.

Meter Reading Entry

- Meter readers can enter readings sequentially from their reading lists.
- Reading lists are organized in the order of the reader's route.
- Readers have the option to go back once through the list after completing it.
- Validations and constraints minimize data entry errors.
- Reasons for skipping readings include inaccessibility, damage, or customer-provided readings.
- Corrections to readings can be made within a set time frame.

Automated Data Transfer

- Reading lists are automatically downloaded and uploaded wirelessly.
- The application functions offline once lists are downloaded.
- Internet connectivity is only required for list synchronization.

Integration with Customer App

- Customer-provided readings from the mobile customer app are considered and validated.
- Readings are cross-checked with predefined rules periodically.

User Authentication

- Secure login with unique credentials for each employee.
- GPS location verification at startup; attempts to manipulate GPS trigger reauthentication.

Additional Notes and Descriptions

- Predefined and user-entered notes for meters.
- Required descriptions for skipped readings.
- Photo attachment option for problematic readings.
- Magnetic field presence detection.

Reason Codes for Skipping Readings

- Readers can skip readings with valid reasons like inaccessibility, damage, or customer reading.
- Reasons are predefined and selectable.

Meter Details and Filtering

- Meter readers can view details of meters within a reading list.
- Filters for read and unread meters.
- Search functionality for meters by number, name, address, etc.
- Status icons indicate meter conditions.

List Management

- Lists are automatically retrieved upon app launch or manually through a swipe-down gesture.
- Lists older than 30 days are removed from the app.
- Lists are categorized as preloaded, in-progress, or completed.

Validation and Warning System

- Mandatory validations prevent saving incomplete readings.
- Non-mandatory validations warn users to review readings.

Data Backup and Recovery

- Data is saved locally, ensuring no loss of information.
- Users are prompted to save changes if they attempt to exit without saving.

Scanner Integration

- In addition to manual data entry, the application can be equipped with a built-in scanner functionality.
- Scanner integration streamlines the reading process, reducing the time and effort required for data entry.
- It provides an efficient and accurate way to gather readings, especially for meters with easily scannable codes.

Tailored to Specific Needs

- Highly adaptable to meet the specific requirements of different utility companies.
- Customizable settings allow for the configuration of rules, validations, and data formats based on unique business needs.

Efficiency: Sequential meter reading ensures thorough coverage, reducing the risk of missed readings.

Accuracy and Synchronization Validations and constraints minimize data entry errors. Automated data transfer streamlines the process and reduces manual effort.

Integration and Real-time Tracking: Customer app data is integrated, improving data quality and reducing discrepancies. GPS location verification enhances accountability and security.

Flexibility and Data Validation: Ability to handle both predefined and customer-provided readings. Rules-based validation ensures reliable readings.

The mobile application for meter reading minimizes data entry errors with warning systems, ensures data security through local storage, and offers comprehensive reporting with detailed meter conditions and readings.

The Meter: 6978563
Magnet Presence: 119.87
Tyler Mitchel
5678 Maple Avenue, Ridgemont

Lower Tariff

High Tariff

Description

Note

Load Image

Note

No Note
Inaccessible Meter
Damaged Meter
There is no Distribution Seal on the Meter
There is no State Seal on the Meter

Save

Our meter reading solution streamlines the meter reading process, improves data accuracy, and enhances the efficiency of meter readers, resulting in cost savings and improved customer service.

Need more information?

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QSS is a **digitally mature** and **innovative IT** solution provider that offers end-to-end complex IT solutions by developing **customized cloud-native software projects** across various business verticals for the most demanding customers in Southeast Europe.

We are dedicated to our **green agenda** and firmly believe in the importance of promoting sustainability. Our **twin transition solutions** are a testament to this commitment, as they not only increase a **company's resilience** but also play a role in reducing its **carbon footprint** and making a positive impact on the environment.

The Ultimate Meter Reading Solution