Mobile Software NB-IoT

Meterman
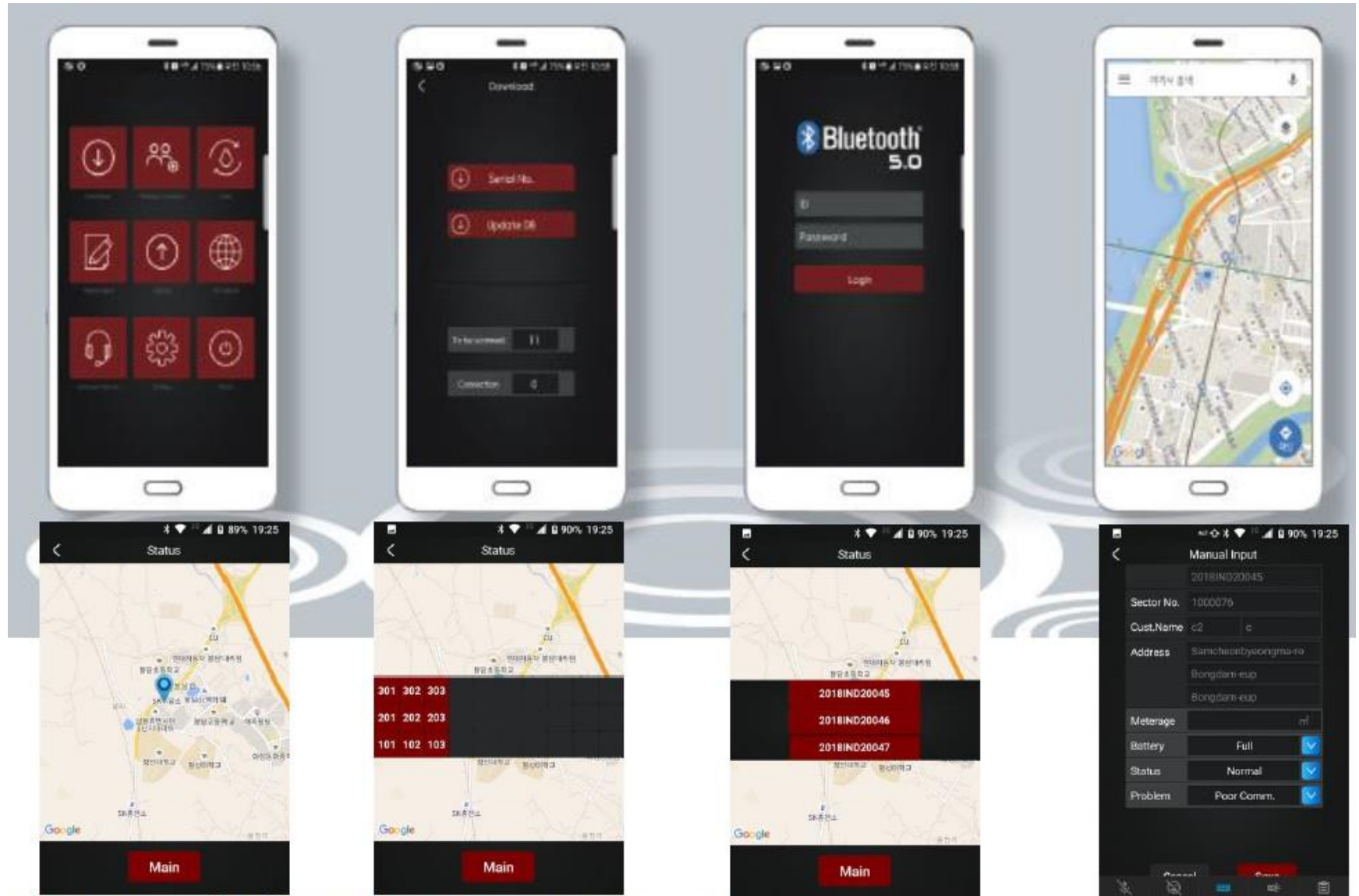
Powered by Android

Bluetooth 5.0 above

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Bluetooth App Overview
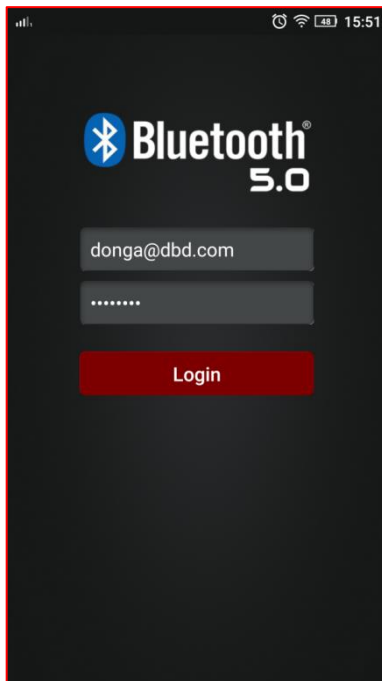

Geo Location of Building   Floor wise Apartments   Apartment wise meters   Customer details
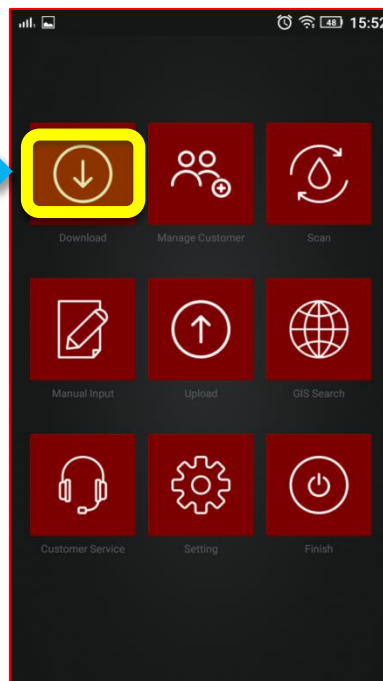
Bluetooth API Guide

STEP 1 : LOG IN

Touch "Download" Icon

"Put ID & Password"

STEP 2 : Download

Touch "Update DB" Icon

**In this Group
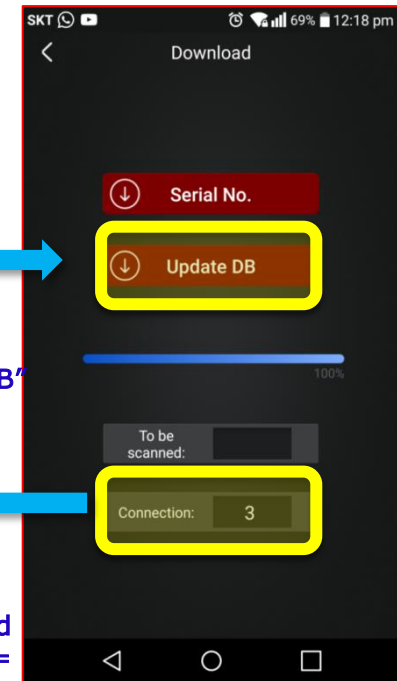The registered
Connections =
3**

<u>"Download"</u>
: Total No. of Connection &
  No. of Meters of the Group

√ Customer details(Name,
  Adress), Meter serial, No.
  are registered in Drop Box

STEP 3 : Update DB

<u>"Update DB"</u>
: No. of connections in a
  group will be
  downloaded/updated

Bluetooth API Guide

STEP 4 : Serial No.

Download

Serial No.

Update DB

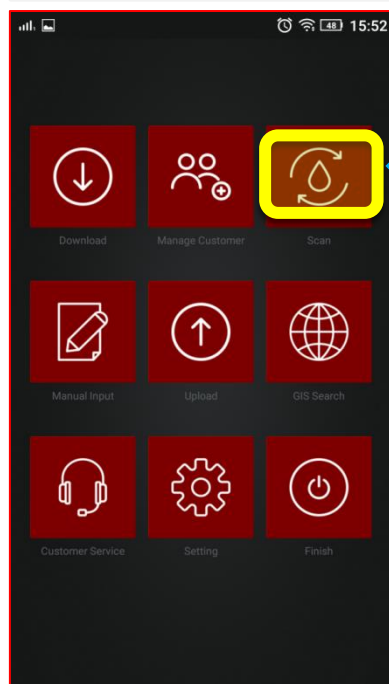To be scanned: 3
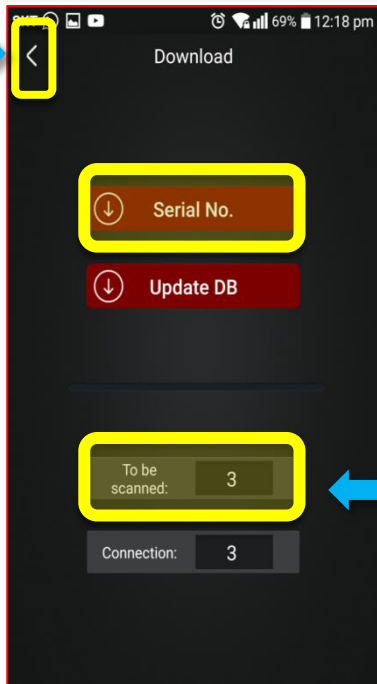
Connection: 3

In this Group
The registered
Connections =
3

"Serial No."
: No. of Meters connected in the Group will be displayed

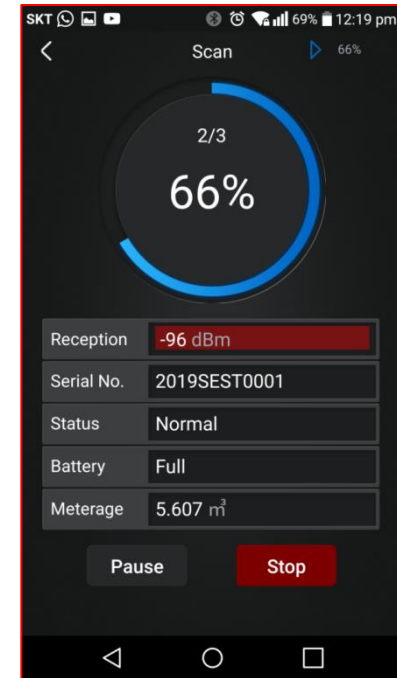√ After "Update DB" & "Serial No." , Go to Main Menu (Click **"<"** Icon)

STEP 5 : Scan

Touch "Scan" Icon

Download   Manage Customer   Scan

Manual Input   Upload   GIS Search

Customer Service   Setting   Finish

"Scan"
: Scan "Meter Data" from "BLE Meter into the Mobile app"

√ "Bluetooth" & "GEO location icon" of the mobile should be on, during scanning process
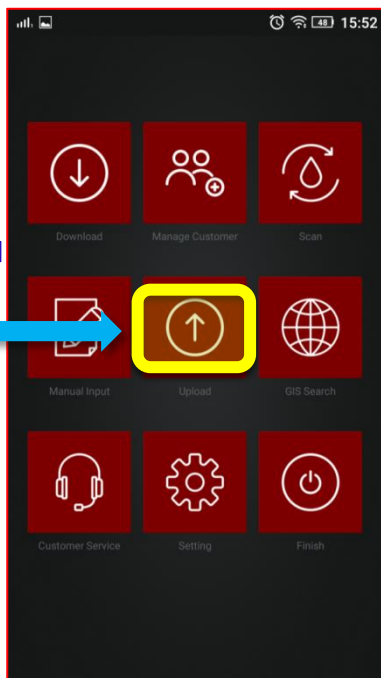

Scan   66%

2/3
66%

Reception	-96 dBm
Serial No.	2019SEST0001
Status	Normal
Battery	Full
Meterage	5.607 m³

Pause   Stop

Meter are scanning :

1) 2 meters out of 3 have scanned ready

2) 100% : all meters are scanned

√ After "Scan." , Go to Main Menu (Click **"<"** Icon)
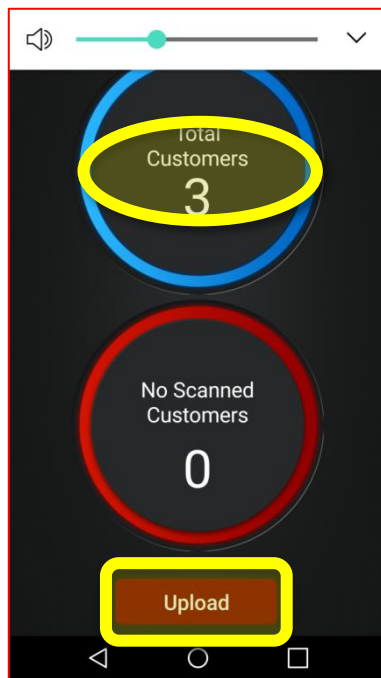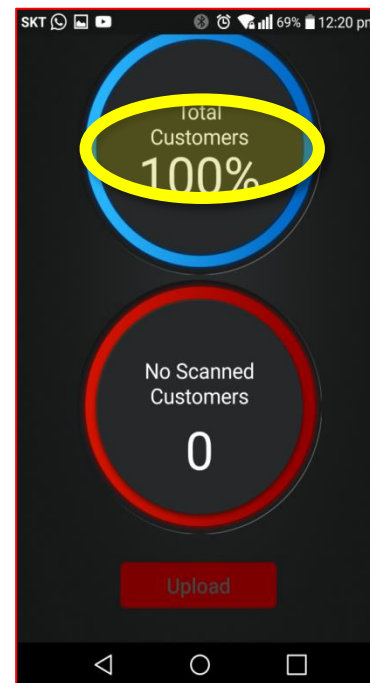
Bluetooth API Guide

"Upload"
: Click on "upload", for uploading "Scanned Data" to DBD server

"Upload"
: Total No. of Meters(Data) to be uploaded are : 3
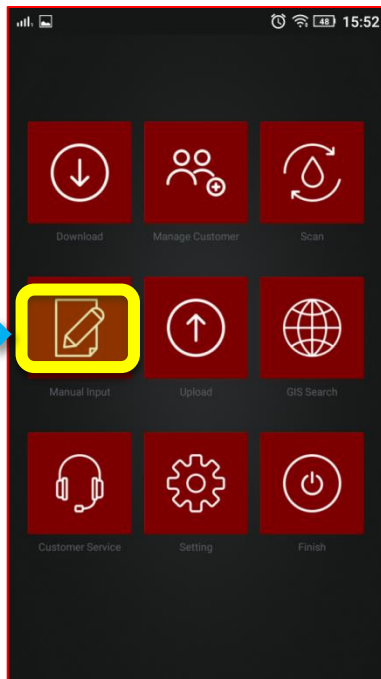
"Upload"
: When all Data will be uploaded, It will show 100%

Bluetooth API Guide

If the meter not "Scanned"

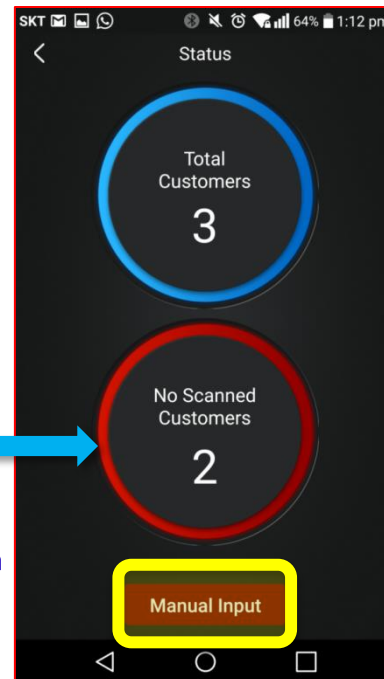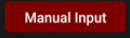Manual Input : Touch "input Data" manually,

STEP 1 : Manual Input	STEP 2 : Not Scanned	STEP 3 : Meter Location

Manual Input

2 meters Not scanned

"Manual Input"
: To input manually not scanned data

"Manual Input"
: 2 meters need to input manually (in this pic)

√ Click on Manual Input
"   ",
    To see "Meter Location"
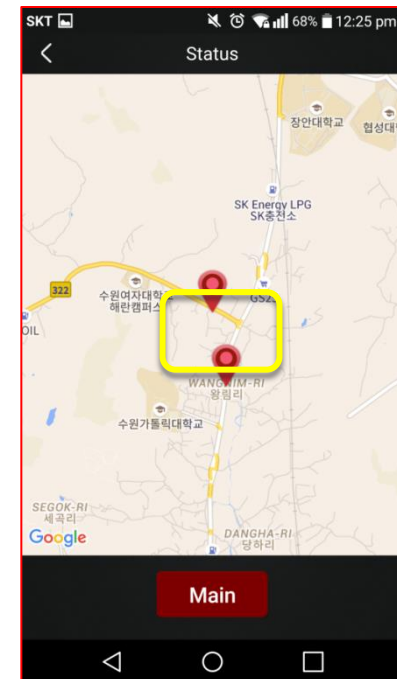
"Meter Location"
: "Geo Location" guide to Meter Location

√ Click on   ",
    The location of Meter will be visible

Bluetooth API Guide

If the meter not "Scanned"
Manual Input : Used to "input Data" manually,

STEP 4 : Meterage

Go to Main Menu

Input Meterage
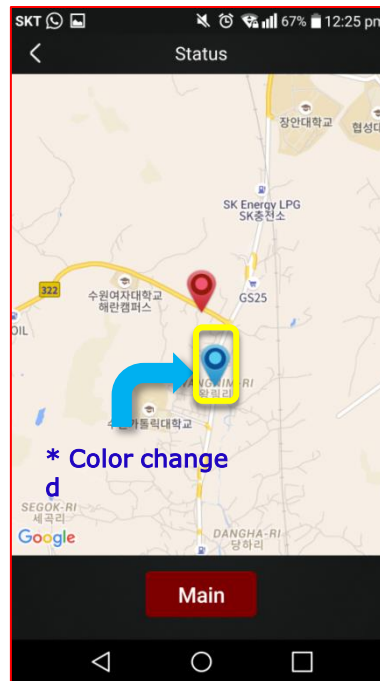
"Manual Input"
: Input "Meterage" and "Save"
  Data

✓ Click on [Save] ",
   To save data

* Color changed

"Color Changed"
: After Saving the Meterage,
  the color of "Meter Symbol"
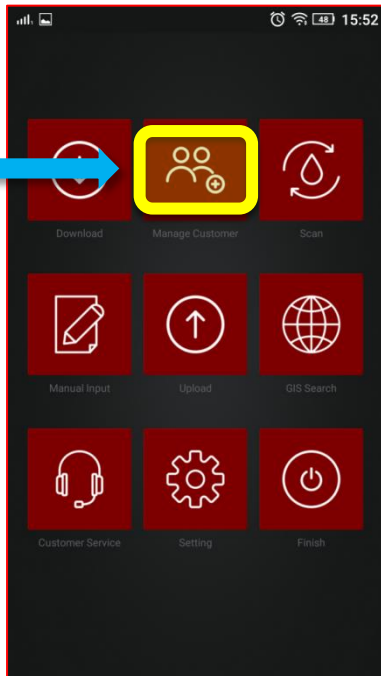 will change (From RED to BLUE)

✓ After complete
"Manually Input.",
   Go to Main Menu
   (Click "<" Icon)

Bluetooth API Guide

Manual Input

Manage Customer : To Manage "Customer's information"(Name, Address, Meterage)
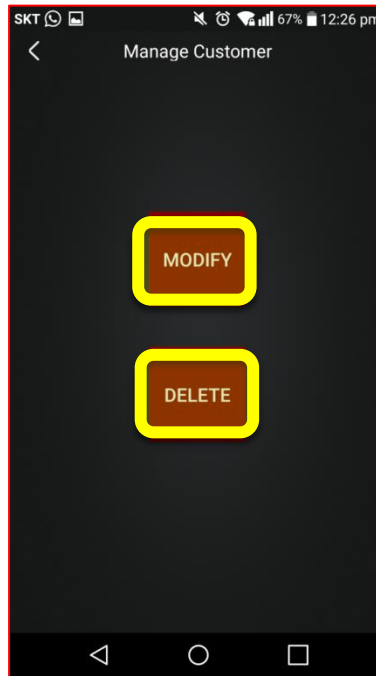

STEP 1 : Manage Customer

Manage Customer

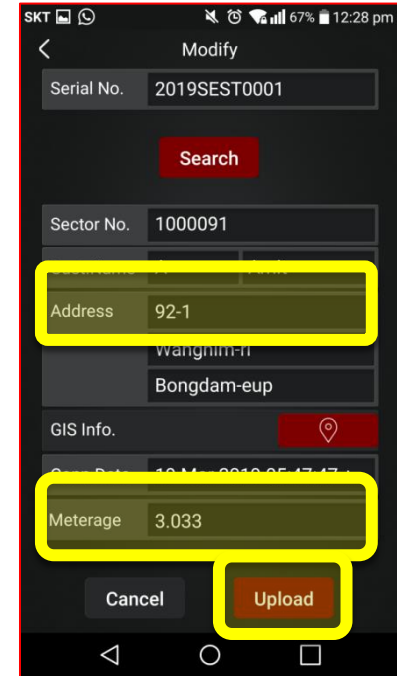"Manage Customer"
: Purpose is to edit customer's
  Information

STEP 2 : Edit/Modify

"MODIFY"
: To Modify Customer's
  Details

"DELETE"
: To Delete customer
  from the Group

STEP 3 : Upload

"Upload"
: Upload modified data

√ Data that can be modified
  1) Name & Address
  2) Meterage
  Then "Upload" to DBD

Mobile Software NB-IoT

User

Powered by Android

Bluetooth 5.0 above

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Overview

Dashboard

Meter wise Alerts, action like me sage/complaint/control

Share the family members and f riends Current App Screen Image,

Month wise bill History Graph

Meter wise valve control, if installed

Weekly Total Consumption Up/Down

Current Bill, View, Download pdf, Payment options

current reading, meter asset details, Wireless Scan Reading, B a rcode/qr code sr no reading, i mage capture, manual reading, i mage upload

Consumer/Customer Number as registered in DBD

Source and Usage Graph

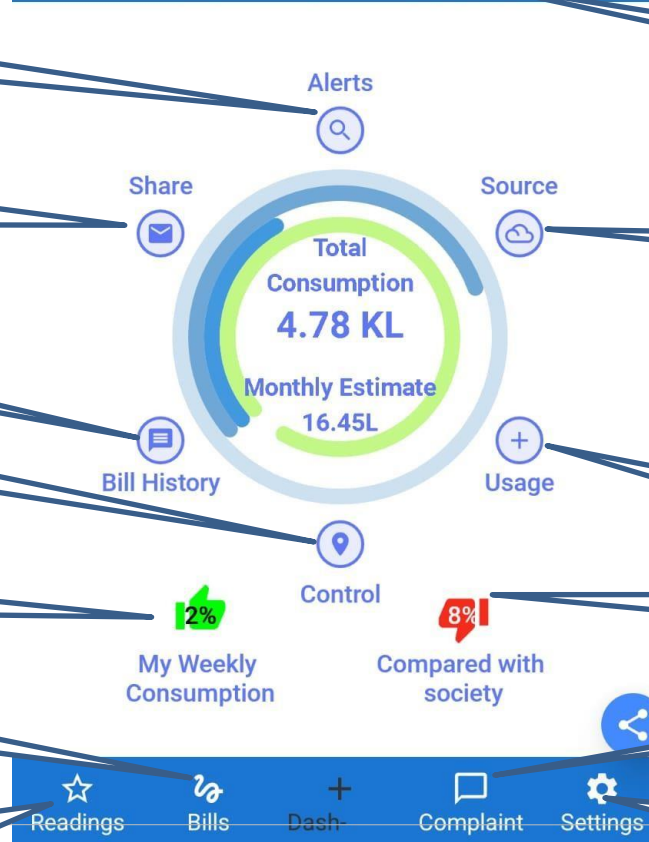Daily/ Monthly/ Yearly wise Consumption graph

Total Consumption Up/Down % with Group

Complaint management

Language, About App version, Help, Update, contact us

Dashboard
Consumer no: 12345678

Alerts

Share

Source

Total Consumption
4.78 KL
Monthly Estimate
16.45L

Bill History

Usage

Control

2%
My Weekly Consumption

8%
Compared with society

Readings   Bills   Dash   Complaint   Settings

Meter Reading Management

This App option is for meter reading for consumer self app, either with meter auto reading (where available) or Manual reading input then upload to DBD for billing with /without image upload.

If multiple, OR "Single meter Detected"

Premise Location Map

Meter Serial number in DBD

Consumer allocated Location in DBD via Settings: meters

Water Use Type

Reading Frequency set in DBD

Last Reading & Time stamp

Reading Method for Consumer:
1. AMR : Automatic
2. Manual Wireless : Scan Reading
3. Manual : Enter Reading (Optional upload image) (Option to Scan Barcode/QR Code for extra precaution)

Registered premise Address in DBD

Registered meter Address in DBD, on map

Meter Reading Action: Grey: AMR, automatic reading: No action required

Meter Reading Action: Green: Take reading with scanning Wireless meter (with Compatible mobiles)

Meter Reading Action for manual Meters: Green: Enter Reading (Optional upload image) (Option to Scan Barcode/QR Code for extra precaution)

Meter Reading Action: Red: Error,>>Reading not possible due to : 1. Reading frequency period not over, Try afterward

---

♥ 4G ⊿ ▮88% 18:41

Readings
Consumer no: 12345678

Multiple Meters detected!
Address: 92-5, Wangnim-ri., Bongdam eup., Hwaseong si.Gyeonggi-do, SOUTH KOREA

1. Meter Sr. No. : 2019SEST0001

Location	Use	Last Read/Date	Action
Kitchen	Drinking	6306.13 16/04/2019 12:58:38	

Frequency	Type	
Daily	AMR-Wireless - BLE	Automatic

2. Meter Sr. No. : 2019SEST0002

Location	Use	Last Read/Date	Action
Bathroom 1	Utility	7850.00 16/04/2019 13:05:50	

Frequency	Type	
Weekly	Manual-Wireless - BLE	Scan Reading

☆ Readings	⟲ Bills	+ Dashboard	▢ Complaint	⚙ Settings

Meter Reading Management

Premise Location on Map

Registered meter Address in DBD, on map

Meter Reading Action:
Green: Take reading with scanning Wireless meter
(with Compatible mobiles)
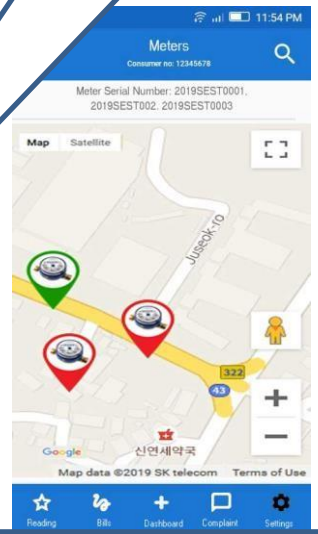
Meter Reading Action:
Green: Enter Reading
(Optional upload image)
(Option to Scan Barcode/QR Code for extra precaution)
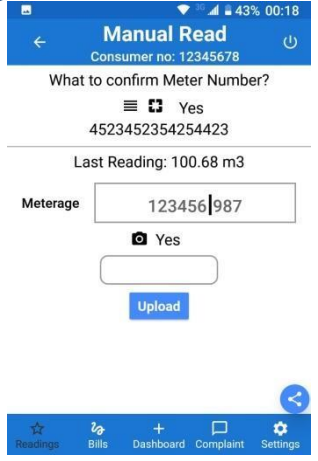
Bills & Payments

This App option is for Bill for Consumer with property-wise installed meters (single or multiple), pay online, Share Bill with other family members, Download pdf and print.

Payment options

View Bill

Complaint Management

This App option is for Consumer complaint with respect to hardware (meter) , bills, Services and app itself. Complaint tracking number and action taken, feedback.

Submit Complaint

View Complaint

Generate Ticket number

Complaint
Consumer no: 12345678

REGISTER   **VIEW STATUS**

Complaint Ticket Number

We have received your complaint.
Following is Ticket Number:

28052019M061591

COMPLAINT DETAILS

*Select Complaint Type

*Select Complaint Sub Type

*Description

Enter Description

Ticket No.	28052019M061591
Raised On	28-May-2019, 12:26 PM
Closure Date	28-May-2019, 12:43 PM
Status	Active
Ticket No.	16032019W970758
Raised On	16-Mar-2019, 5:21 PM
Closure Date	16-Mar-2019, 5:21 PM
Status	Closed Feedback

Feedback

Select Photo

📷 CAMERA   🖼 GALLERY

SUBMIT

Attach image

Complaint
Consumer no: 12345678

Your Feedback is valuable to us,
Kindly submit your feedback

Rate our Service

Plese write feedback here

Submit

Complaint
Consumer no: 12345678

Thanks, for your valuable feedback

Feedback receipt

☆ Readings   🌿 Bills   + Dashboard   💬 Complaint   ⚙ Settings

Settings

Mute Notifications Family Members

Assign Location Reading Frequency

Voice Service Clear Cache Network Diagnosis Check Updates Current Version

Privacy Policy Service Agreement FAQ Contact Us

Settings
Consumer no: 12345678

88% 18:43

🌐 Language   English 🇺🇸

🔔 Notifications

📋 Meter

📞 Contact Us

❓ Version   1.0.0

👤 About Us

☆ Readings   Bills   + Dashboard   Complaint   ⚙ Settings

Select Language

🇺🇸 English
🇮🇳 Hindi
🇮🇳 Marathi
Korean
🇨🇳 Chinese
🇻🇳 Vietnamese
🇪🇸 Spanish
🇮🇩 Indonesian
Malay