Orbit

Unlocking the universe of metering.

Connecting communal and district heating networks to a modern, cost effective and open-protocol metering and PAYG system.

sycous.com info@sycous.com +44 (0) 113 3604 776

Introducing Orbit!

Orbit connects communal and district heating networks to a modern, cost effective and open-protocol metering and PAYG system.

Utilising cloud technology, Orbit is hardware agnostic and provides everything expected from a traditional PAYG system, whilst modernising to reduce heat network costs and removing the need for in-home hardware.

Orbit is fully integrated with our Mabdeck Metering and Billing software and mySycous App, ready to provide all the in-home display functionality expected from residents, for a future-proofed metering and PAYG system.

M-Bus

M-Bus wireless

LoRaWAN

NB-IoT

my SYCOUS

SYCOUS Mabdeck

UKRI Innovate UK

L&Q Energy

Orbit features:

Multi-Utility PAYG or Credit Billing

Integrated with mySycous App

Lower CapEx and OpEx Costs

(Compared to traditional PAYG systems)

Add Multiple Tariff Modules & Smart or Comfort Tariffs

Open API Software

(Which can be operated by any billing system)

Lower Maintenance

Designed to meet Metering and Billing Regulation

No Lifetime Manufacturer or HES Fees

Integrated with Mabdeck

Innovative partnerships

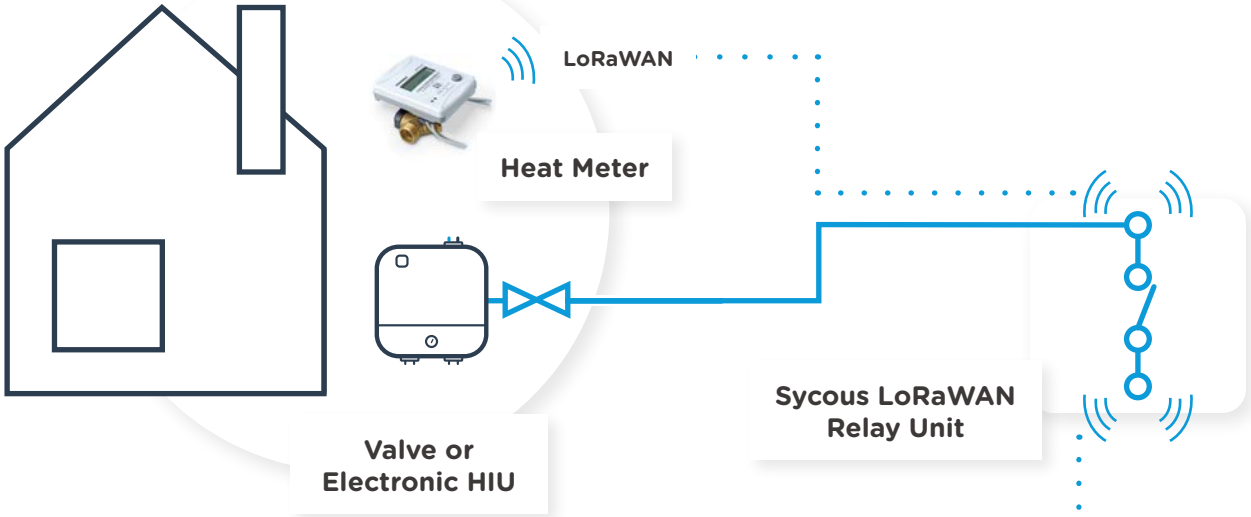
Orbit has been supported by Innovate UK, the UK's innovation agency. Innovate UK helps develop new products, services, and processes to grow through innovation. Orbit was selected by Innovate UK in 2019 due to the potential savings recognised for both heat network operators and consumers.

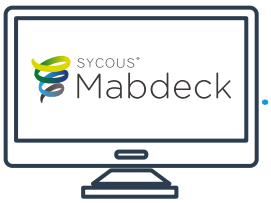
Demonstrating the flexibility and capabilities of Orbit, we have worked with L&Q, one of our existing partners and one of the largest operators of heat networks in the UK.

> "L&Q Energy are excited for the potential Orbit can offer, especially its flexibility for us and our customers!"

Amy Stevens
Heat Metering & Billing Manager
L&Q Energy

How Orbit works? (LoRaWAN® System)





TCP/IP

GSM

PAYG Cloud
(Mabdeck or any other open protocol system)

Gateway

PayPoint

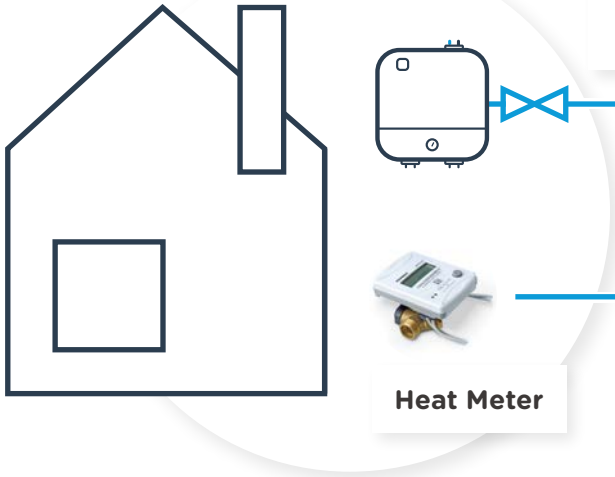
stripe

Pay

G Pay

Consumer App

How Orbit works? (M-Bus System)



Valve or Electronic HIU

Heat Meter

Sycous MBus Relay Unit

TCP/IP

GSM

PAYG Cloud
(Mabdeck or any other open protocol system)

Gateway

PayPoint

stripe

Pay

G Pay

Consumer App

Wireless MBus is available for Credit Billing systems only

mySycous App

The mySycous App integrates seamlessly with Orbit to provide all the in-home display functionality expected from residents for a futureproof PAYG system.

mySycous puts the residents in complete control to self-serve their account and is available in both PAYG and Credit Billing mode.

The App can be tailored directly to your consumers with complete white-labelling available.

Download on the App Store

GET IT ON Google Play

App features:

Give control to customers:

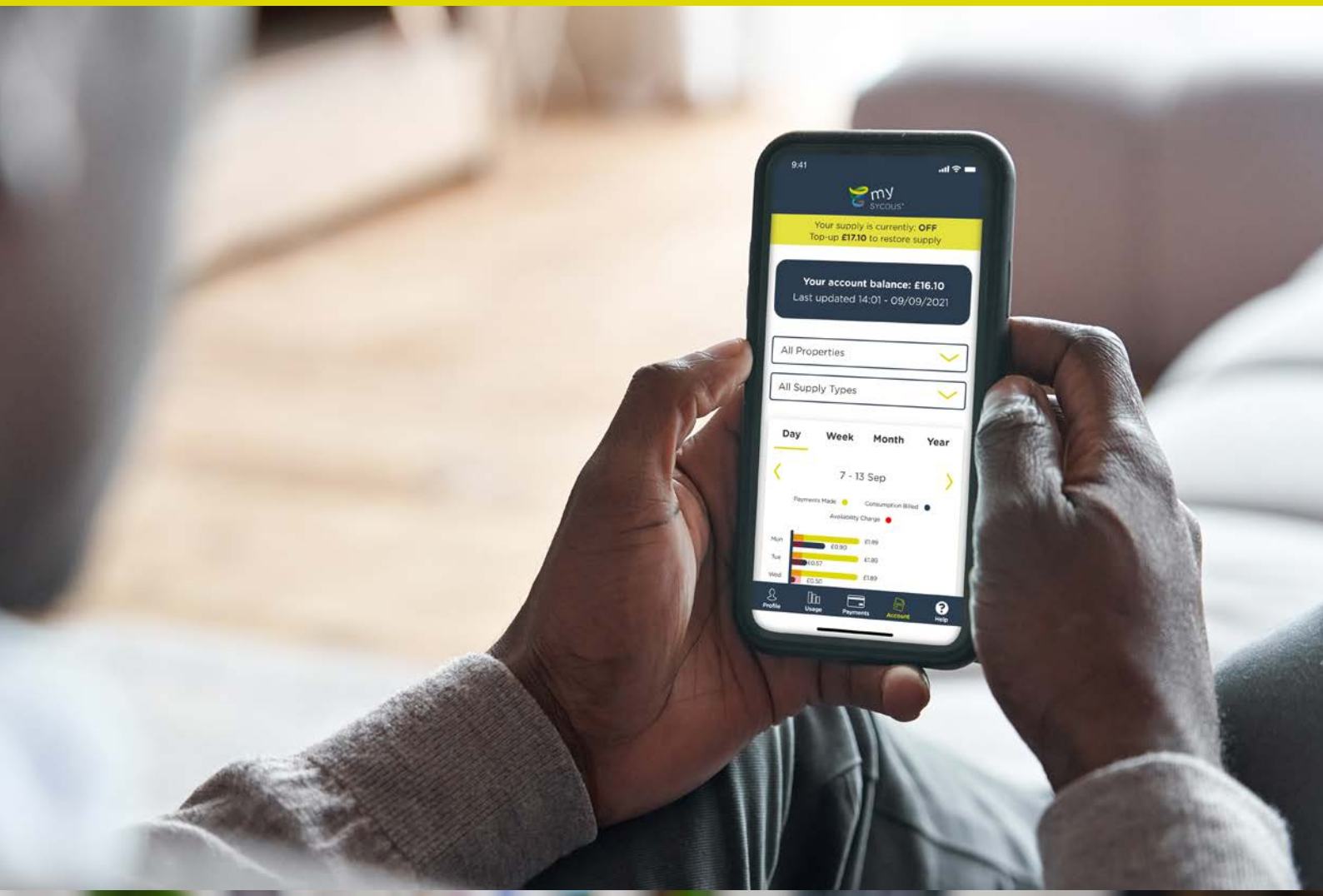
- Ability to make payments and top-up
- Compare complete consumption history
- View account correspondence including statements
- Real time account notifications
- Update meter readings in seconds

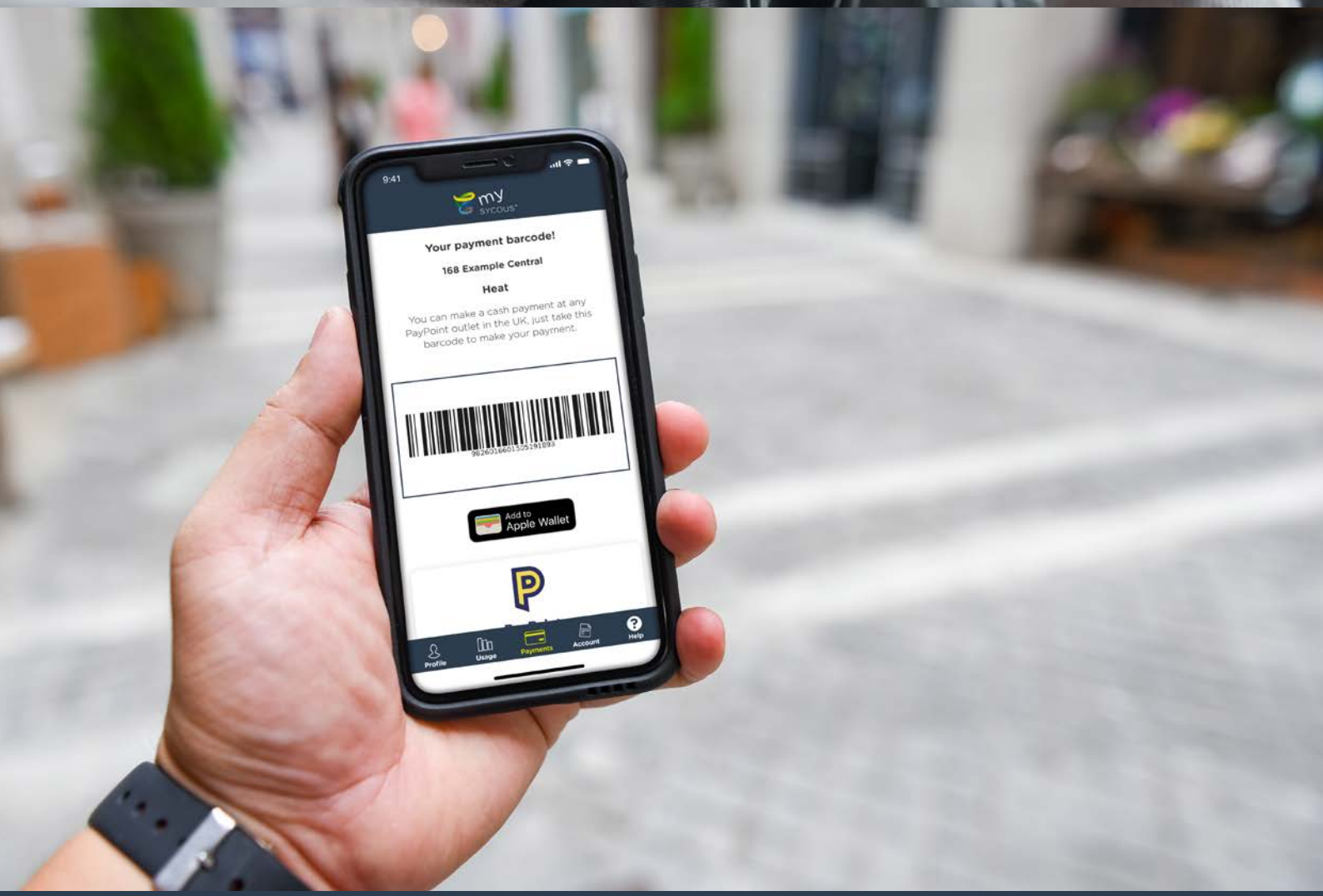
Make payments simple:

- Set-up reoccurring payments and auto top-up
- Access account payment barcode and add to your Mobile Wallet
- Variety of payment methods including Stripe, PayPoint and many more

Complete self-service and support:

- Self-service account management
- Access mySycous customer support through online chat


9:41
my sycous
Your supply is currently: OFF
Top-up £17.10 to restore supply
Your account balance: £16.10
Last updated 14:01 - 09/09/2021
All Properties
All Supply Types
Day
Week
Month
Year
7 - 13 Sep
Payments Made
Consumption Billed
Availability Charge
Profile
Usage
Payments
Account
Help


9:41
my sycous
Your payment barcode!
168 Example Central
Heat
You can make a cash payment at any PayPoint outlet in the UK, just take this barcode to make your payment.
Add to Apple Wallet
Profile
Usage
Payments
Account
Help

Want to know more?

Contact our team on **+44 (0) 113 3604 776** or email **info@sycous.com.**

Visit **sycous.com** to learn more about our innovative metering, remote data collection and billing solutions.