



Mute your mics



Session Recorded



# Product Launch

20<sup>th</sup> April 2022  
2-3pm

## Welcome

Your co-hosts for today:



Chris Barlow

Innovation Director



Jordan Cooper

Product Manager



# Today we will cover

An introduction to DCC Boxed

How it works

Features & benefits

Live Demo of DCC Boxed

Getting your DCC Boxed

Question Time

Valuing your feedback

Questions &  
Feedback

[www.menti.com](http://www.menti.com)

Code: 4255 0314



Later in the session we will be using **Menti**

Feel free to log on now and start asking any  
questions

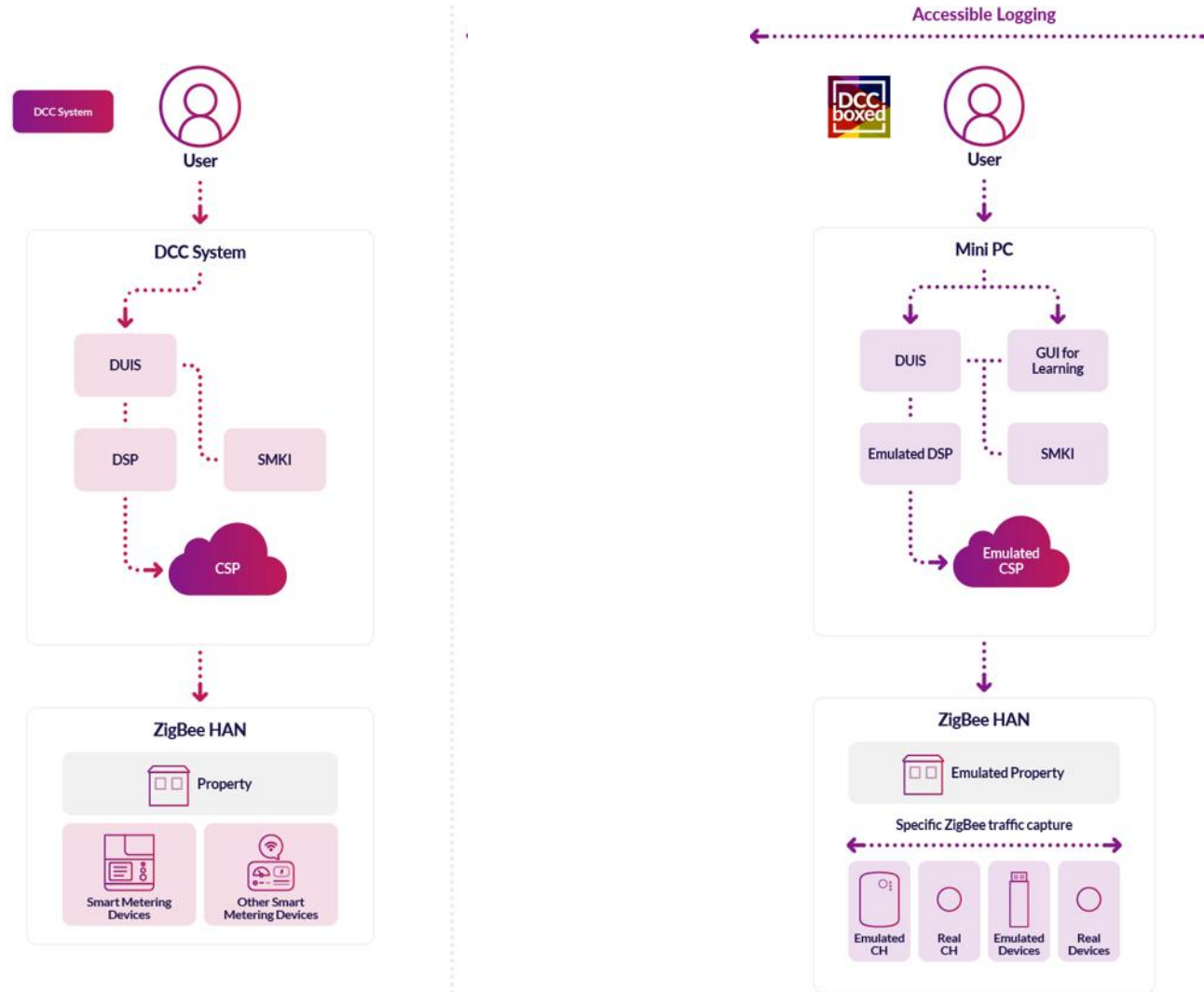
# What is DCC Boxed?

DCC Boxed gives you the DCC infrastructure in the palm of your hand.

It is designed to emulate the smart metering network, by offering a suite of testing tools that enable authorised users to better understand, enhance or develop their own solutions.



# So how does it work?



# Features & Benefits



## Agile

You can experiment in ways you can't in a regulated environment, allowing for issues to be found before 'live environment' testing.



## Portable

You can easily conduct testing in any location that's suitable for your needs, making this highly accessible



## Flexible

You can mix a combination of emulated and real devices to suit different scenarios, allowing for more extensive early experimenting, saving you time



# Live Demo

Screenshot of the DCC Dashboard interface showing the HANs section.

The interface includes a navigation bar with links: DUIS Interface, SMKI, HANs, and Help. The DCC boxed logo is prominently displayed in the center of the navigation bar.

The main content area is titled 'HANs' and contains two sub-sections: 'Devices' and 'Sniffers'. The 'Devices' section is active and displays a table of devices.

**Comms Hub 88-73-84-57-00-0C-88-3A**

Inventory ● Link ●

[Open CH Display](#)

IEEE address	Physical or Emulator	Device Type	State	Display
88-73-84-FF-00-0C-88-3A	—	GPF	Pending	

**Comms Hub 88-73-84-57-00-2F-96-54**

Inventory ● Link ●

[Open CH Display](#)

IEEE address	Physical or Emulator	Device Type	State	Display
88-73-84-FF-00-2F-96-54	—	GPF	Pending	

## Using the DCC Boxed UI to send Service Requests





Network product and services

# DCC Boxed

Video content –  
not available in  
PDF

[What is DCC Boxed?](#)[What's in the box?](#)[Features and Benefits](#)[How can DCC Boxed help?](#)[Place an order](#)[Owners Club](#)

## What is DCC Boxed?

# DCC Boxed Owners Club

## Guidance

### Update your platform

- Ensure you regularly check and apply any updates within the platform manager on DCC Boxed.
- These updates are applied through the DCC Boxed user interface homepage.

### Follow any Intel Guidance

- Any updates and best practice can be found directly from [Intel here](#).



## Working Group

DCC will be running a regular working group to support DCC Boxed and GFI Users. If you are interested in joining this group, please use the contact form below to state your interest.



# Questions & Feedback

[www.menti.com](https://www.menti.com)

Code: 4255 0314





# Here's what you already asked us!

We gave you the opportunity to ask some questions head of the event session, and here are the answers to them...

**Q:** "It would be interesting to have a roadmap (main blocks) to setup DCC boxed. My expectation is to cover the following points: \* Setup \*\* Setup Simulated DCCKI/SMKI (IKI?) \*\* Setup of User Role \* Operation \*\* See status of interaction with DUIS \*\*\* Logs of requests responses \*\*\* Logs of errors \*\* Other debugging interfaces \*\* Reset DCC boxed state (i.e. remove pre-notificated device) \* Maintenance \*\* How to perform an update.

**A:** DCC Boxed comes with a set up guide as part of the delivery. We also have an inbuilt help guide which covers using the interface, interacting with the product, error codes and maintenance, including updating the platform manager.

**Q:** Is this allowed to use any location outside of UK/EU?

**A:** DCC will not provide specific confirmation of which countries DCC Boxed can be used. You can use it in any country so long as it complies with all relevant laws and obligations.

**Q:** "Will it work in China and if so will DCC offer support to offshore developers by email?"

**A:** DCC Boxed functionally will work in any country and DCC will offer developers support, this support can be via email.



# Here's what you already asked us!

**Q:** How will it be upgraded when bugs are found and fixed?

**A:** DCC Boxed has a built in 'platform manager' which will rollout updates once they are ready to be deployed

**Q:** Can ACB certs on device be used (instead of GFI certs) ... and can they be used without knowing private keys? - (which would be needed if trying to install real devices on GFI via ITCH.)

**A:** You can install real devices that have certificate test packs installed. DCC Boxed only works with Z1ZA certificates.

**Q:** Will there be a sandbox environment? - Is the entry bar in terms of participation going to be set too high on account of security, personal data etc?

**A:** DCC Boxed is in itself the sandbox environment. You don't require any specific security requirements to use DCC Boxed, and all personal data generated will be housed within your device.

**Q:** How is firmware upgraded on wired ITCHs to keep in line with production?

**A:** There are slight differences between each of the Manufacturers. Detailed firmware upgrade steps are available in the Wired ITCH user manuals.



# Here's what you already asked us!

Q: "What will be the pricing model for access?"

A: DCC Boxed only has the fee for purchase which is £5,500. This fee includes costs for running support services.

"

Q: What is the cost of wired ITCHs?

A: The cost of a Wired ITCH is £293 per unit

Q: Costs Availability when Comparison with earlier tools e.g. GFI

A: DCC Boxed core kit costs £5,500k. This cost is because it has been created as an explicit charge, where as GFI was created as a fixed cost item, where cost was spread across industry via DCCs charging mechanism. GFI is a specific product that now costs £250 dependant upon company size. DCC Boxed gives you the full end to end environment with much more capability.



# Menti Session – Questions Answered

We answered 23 questions during the interactive \*Menti session live. There were two questions that we said we would take away to find out the answers to them. Here are the answered to those questions :

**Q: Is the OTA image tool included?**

**A: Unfortunately DCC Boxed does not support OTA for devices, you can however upgrade firmware using existing tools outside of the DCC Boxed product and the devices will continue to function with DCC Boxed.**

**Q: Is SR4.11 already supported?**

**A: Read Tariff (Primary Element) 4.11 is supported by DCC Boxed**

\* Visit the session recording to see the full Menti Q&A



We value your feedback as it helps us to get better at developing these types of events...



# Thank You

[Find our more...](#)

