CARRIER
SMART THERMOSTAT

OUR MISSION

1. Provide **homeowners** peace of mind

2. Give **contractors** the information they need to know before they go

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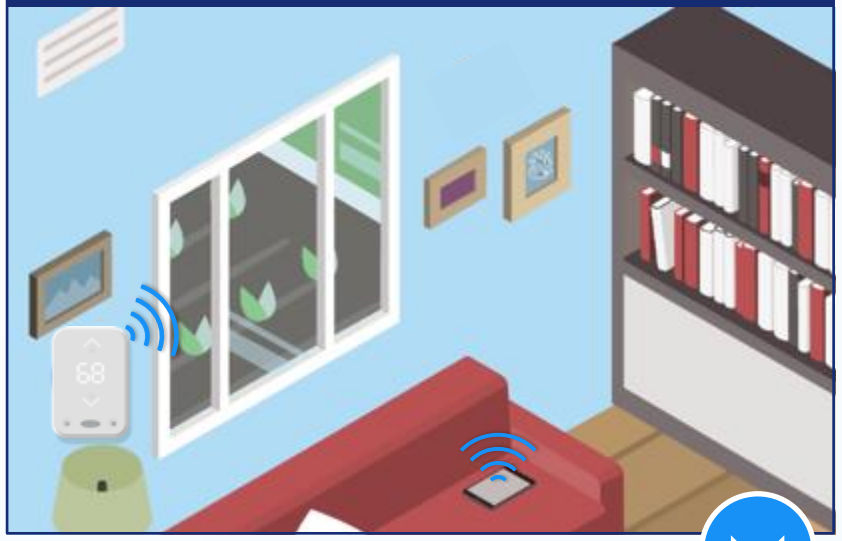
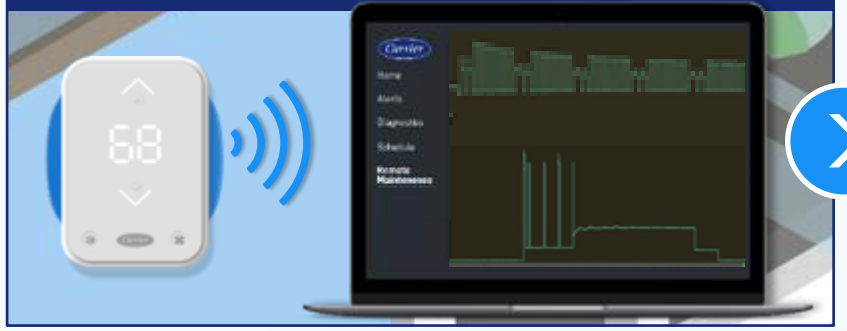
Benefits of Connectivity

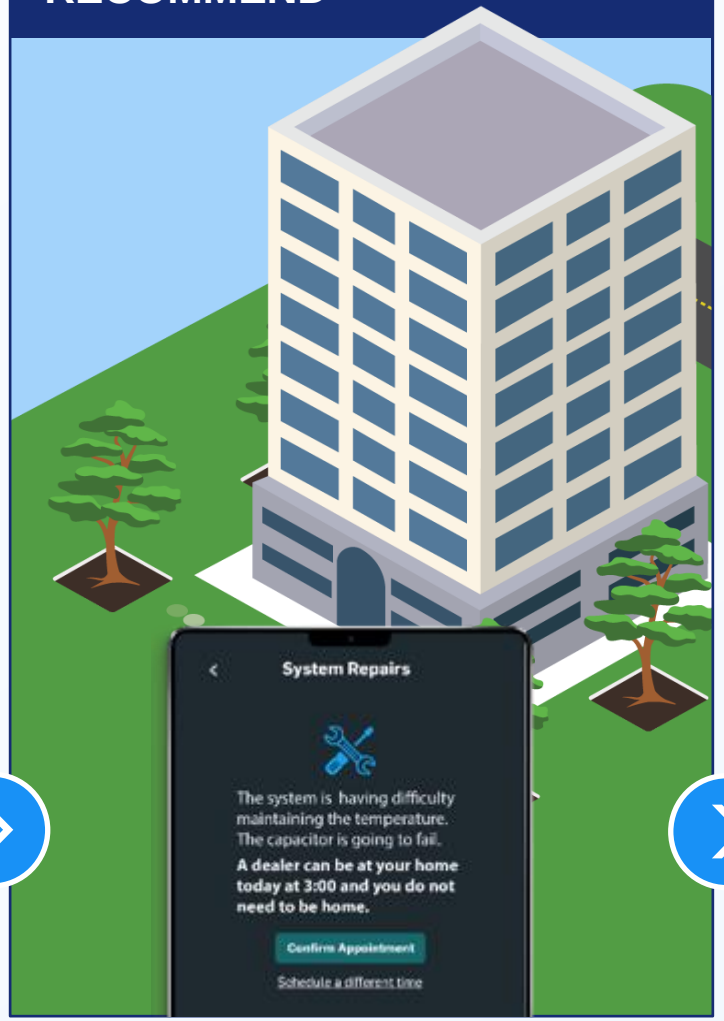
CONNECT



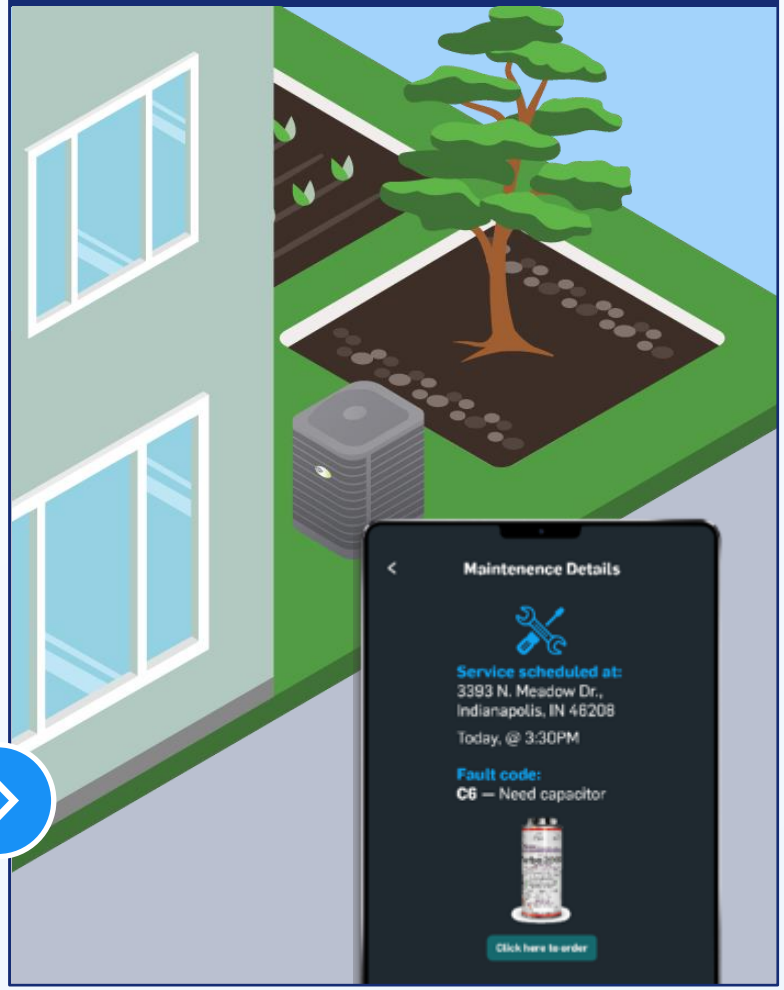
ANALYZE



RECOMMEND



REPAIR



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MEET THE NEWEST MEMBER OF THE CONNECTED THERMOSTAT FAMILY

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Carrier Smart Thermostat Benefits for Your Customer

- **Simple to Use** – touch buttons to change temperature or switch between heat & cool (no WiFi needed)
- **See System Function at a Glance** – illuminated LED border indicates system startup and system mode
- **Control from Anywhere** – quick and easy App set up. Easy removal of magnet-mounted control allows access to QR code for App set up and linking
- **Smart Home Ready** – works with Alexa/Google/HomeKit
- **Programable for Savings** – schedule on app
- **Compatible with alarm.com** – for alerts on low temperatures or HVAC malfunctions
- **Control 1 Accessory** – Manage humidity or ventilation

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Carrier Smart Thermostat Benefits for Technicians

- **Flexible Setup & Commissioning** – with Carrier Service Technician app
- **Fast & Easy Installation Design** – offers tool-free, wire connections, staggered terminal blocks and patent-pending magnet and push POGO Pin design
- **Simplified Service** - Remote troubleshooting provides faster and more efficient service calls
- **Dry Contact Output** – supports humidifier, dehumidifier or an ERV/HRV
- **Trim Plate Included** – To cover larger thermostat replacements

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Carrier Smart Thermostat Easy Connections

CARRIER HOME APP

- Simple Wi-Fi connection to thermostat with Carrier Home app
- Account creation
- Opt-in to dealer permissions for data sharing
- Setup & access schedules

SERVICE TECH APP

- Simple BLE connection to thermostat via app
- Full system commissioning via app
- Test equipment via app
- View thermostat data via app

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Carrier Smart Thermostat Features

- 2H/2C Standard, 3H/2C Heat Pump
- Requires C-wire adaptor to work with 4-wire systems
- 3.5” x 5.2” x 0.9”, smartphone feel
- Onboard temperature, humidity, proximity and ambient light sensors
- Outdoor temp = local weather service
- Single or weekly programmable scheduling via the Carrier Home app
- One accessory output
- Compatible with Smart Assistants
- Supports Open ADR

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Carrier Smart Thermostat Icons/Modes

7-SEGMENT WHITE DISPLAY | 4 CAPACITIVE TOUCH BUTTONS

Open ADR Icon

Setpoint Increase Button

Auto On

Cooling Icon

Heating Icon

Mode Off

Setpoint Decrease Button

Emergency Heat Icon for Heat Pump Applications

Modes of Operation Button

Wi-Fi Icon

No Wi-Fi Icon

Temp Display

Fan Auto

Fan Circulation

Fan On

Fan Mode Change Button

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Carrier Smart Thermostat Product Concepts

- Perimeter lighting upon operation
  - Cooling – **Blue**
  - Heating – **Orange**
  - Fan – **Green**
- Optional trim plate included in box

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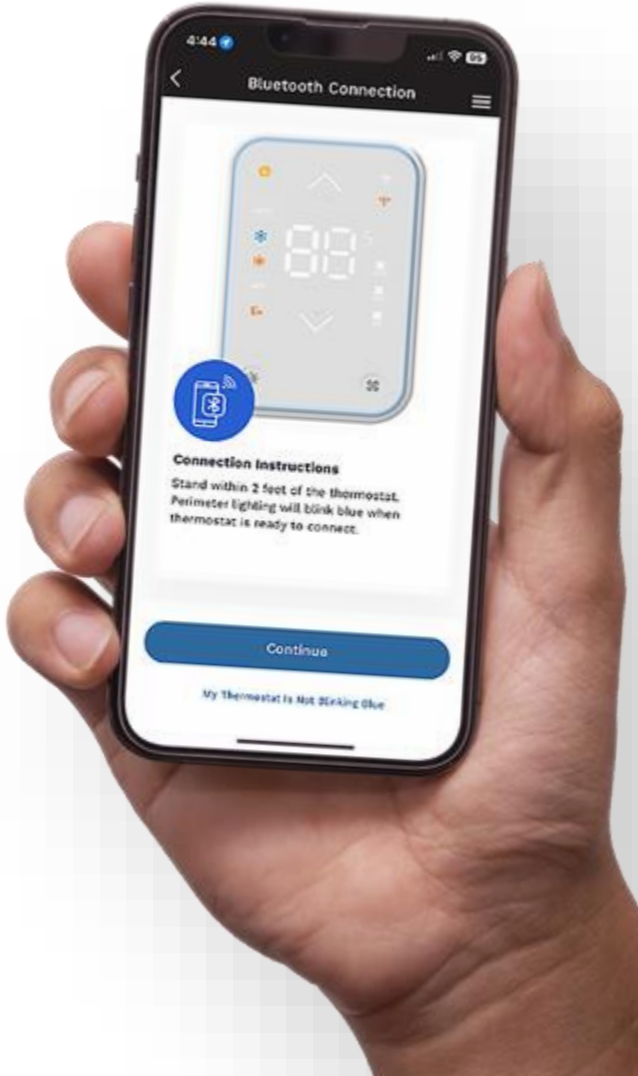
Service Tech App – Key Loadouts

- Thermostat Bluetooth (BLE) Connection
  - Simple / Robust BLE connection to thermostat with Service Tech app
- Thermostat Configuration
  - Full thermostat configuration on Service Tech app by installing technicians
  - Equipment (Relay) Configuration
  - Advanced Thermostat Settings
- Thermostat Testing
  - Test equipment modes (Heat, Cool) directly from Service Tech app
- Servicing Dealer Association
  - Associate thermostat with installing technician’s dealer on Service Tech app



Click here to watch video

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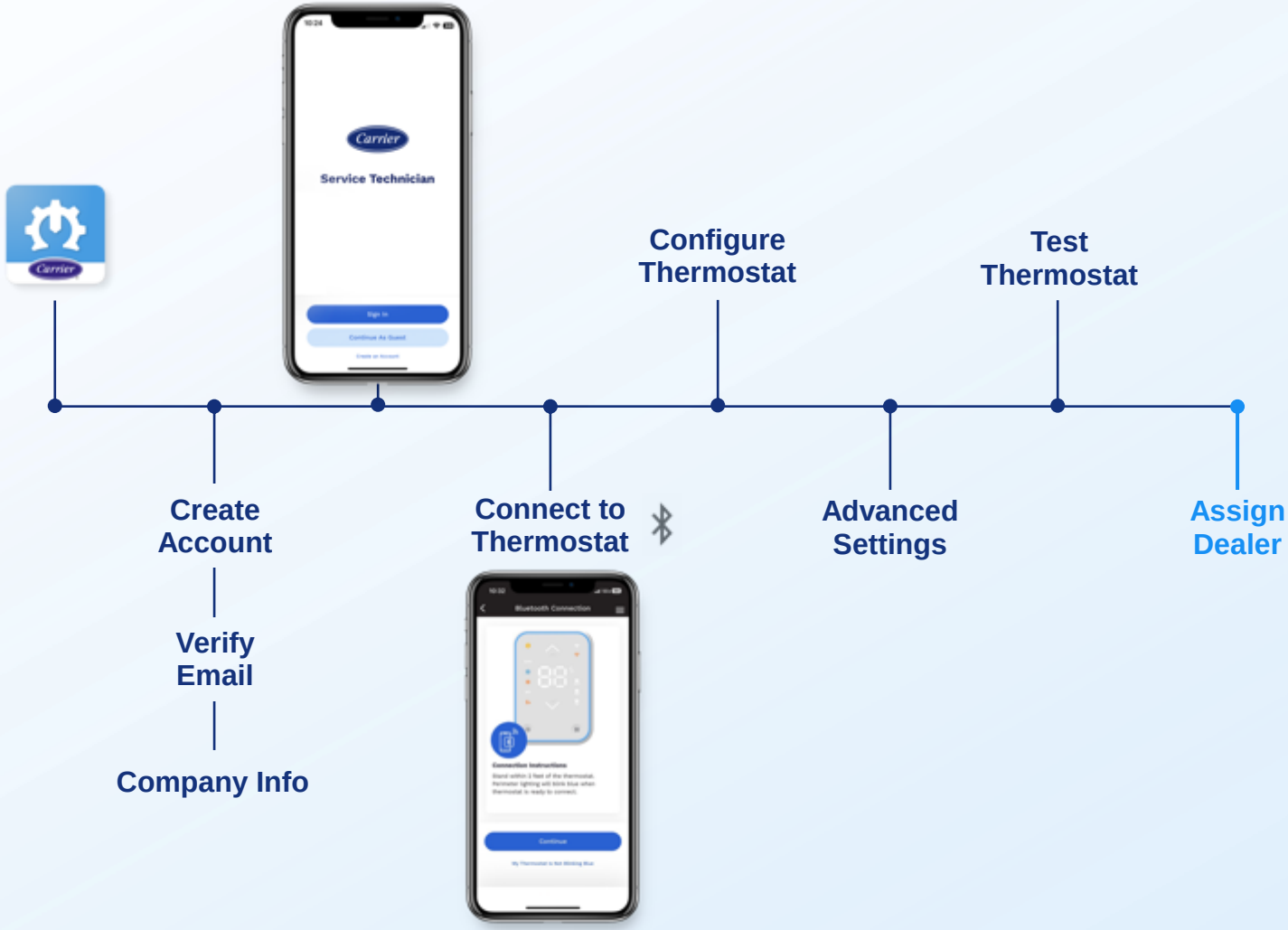
Service Tech App – Design

Scan for
Quick Start Guide

Manual
Configuration



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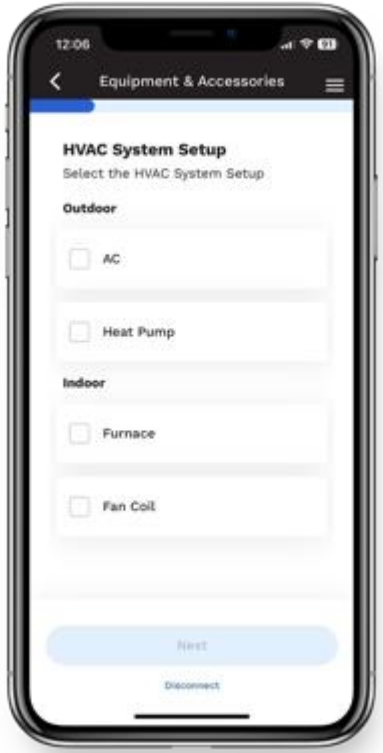
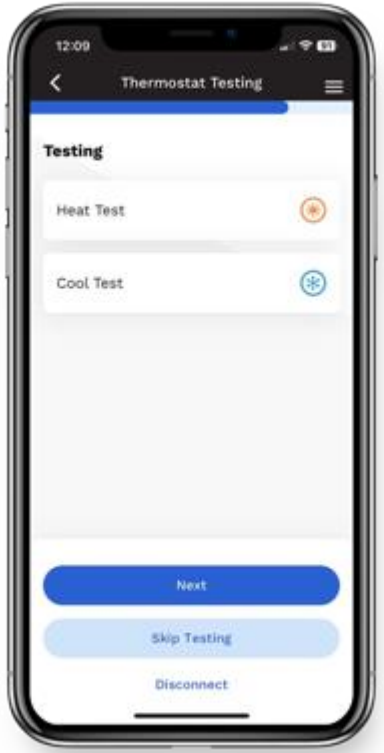
Carrier Smart Thermostat – Setup

Bluetooth or QR Code Connection

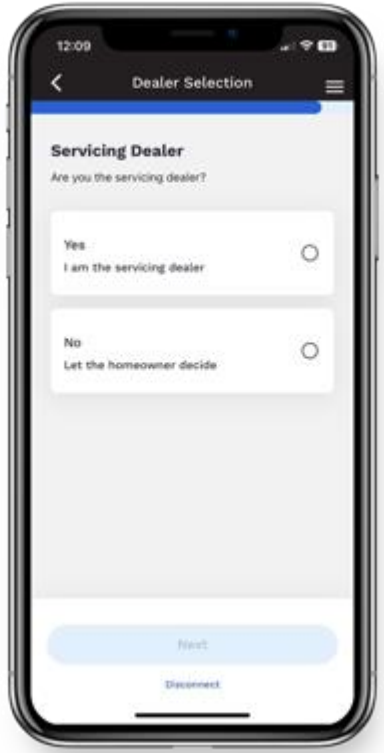


System Configuration and Customized Settings

Wiring Diagram



Test Equipment



Dealer Selection

Thermostat provisioning is the same process for a guest or logged-in user.
*Assigning yourself as the servicing dealer requires HVACpartners login within the Service Tech App.

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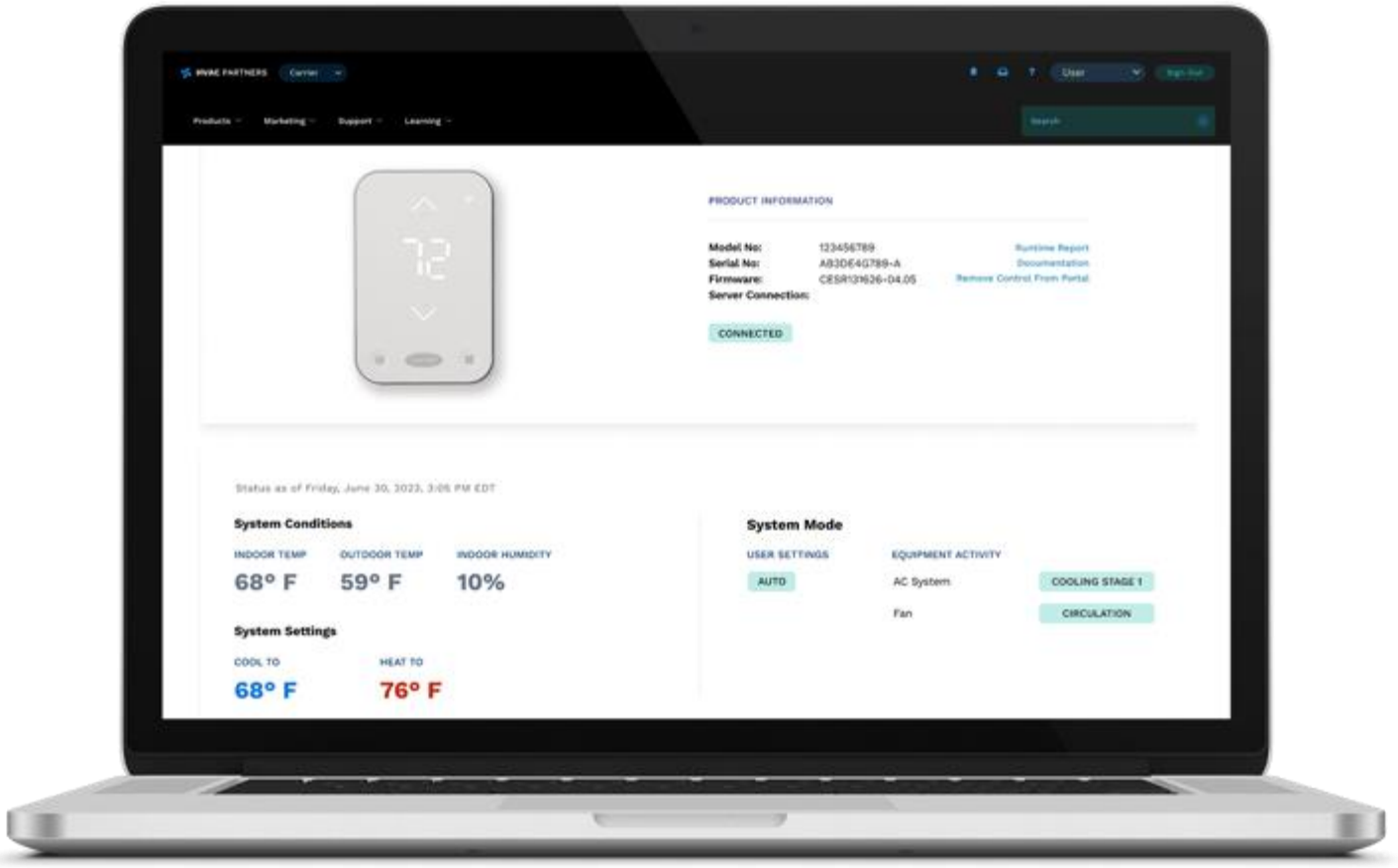
Connected Portal – Design

Edit Configuration

		YES	NO
BASIC	**MODE** Heat | Cool | Auto | Off	■	☐
	SET POINT Heat | Cool	☐	■
	PROGRAM MODE Run | Hold	■	☐
	FAN Auto Fan Runtime (min/hr)	■	☐
ADVANCED	**HEAT/COOL MIN. DELTA**	■	☐
	COMPRESSOR MIN. OUTDOOR TEMPERATURE	■	☐
	AC OVERCOOL MAX	■	☐

View Status

EQUIPMENT STATUS On | Off
STAGE Heat 1 / 2 | Cool 1 / 2
INDOOR TEMP. Actual Temp
INDOOR HUMIDITY
OUTDOOR TEMP.
OUTDOOR HUMIDITY



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Connected Portal – Key Data

- Thermostat Integration
  - Entry-tier thermostat will be available in the Connected Portal
- Add Thermostat
  - Dealer ability to manually add entry-tier thermostat to customer base via serial number
- Data Availability
  - Entry-tier thermostat data readily available post Wi-Fi® onboarding by homeowner in the Connected Portal for analysis by dealer, distributor and factory

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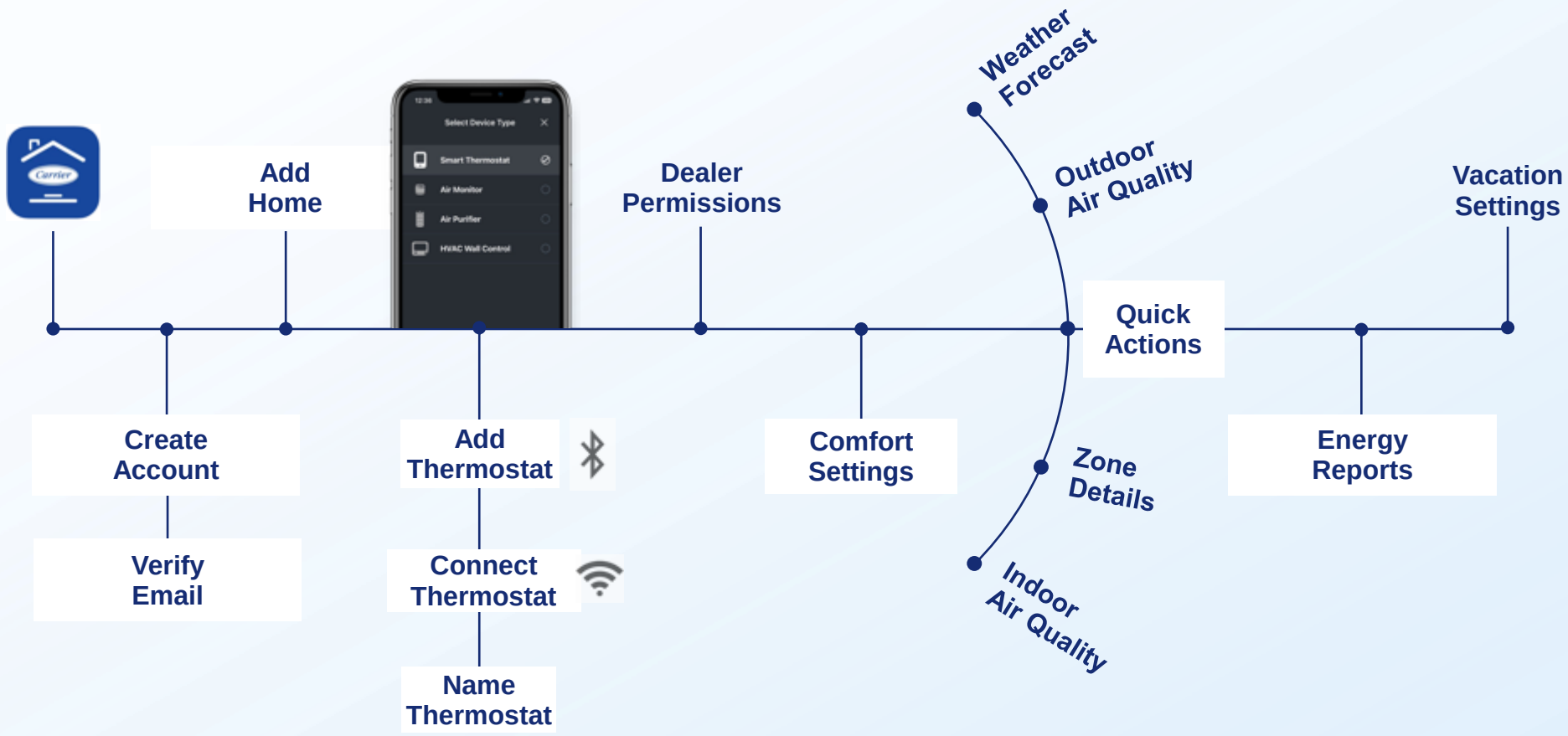
Carrier Home App – Setup

Scan for
Quick Start Guide



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Carrier Home App – Setup

Signup

Select Device Type

Setup Requirements

Add Thermostat

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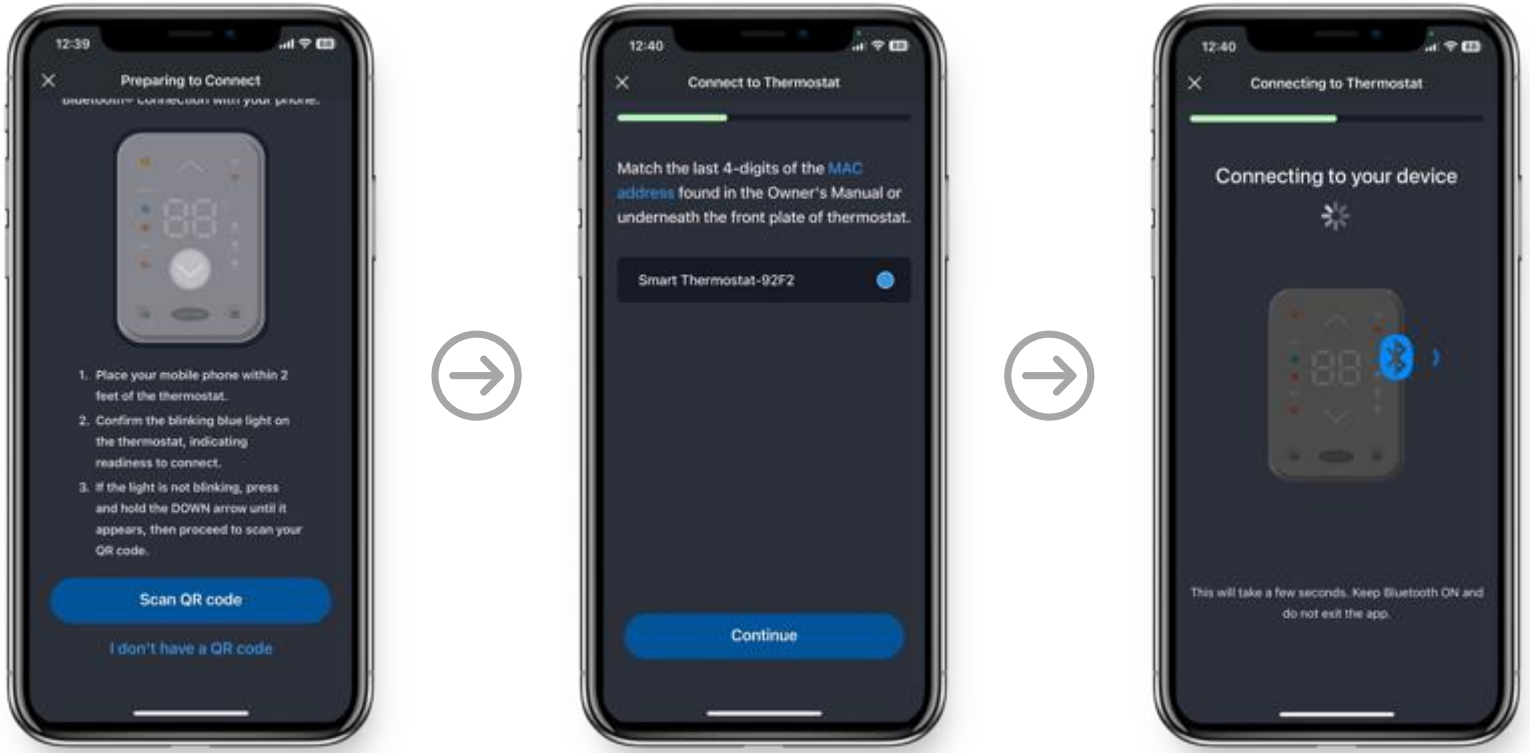
Carrier Home App – Setup



Scan QR Code

BLE Broadcast

Add Thermostat

Connect Bluetooth

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Carrier Home App – Setup

Wi-Fi® Connection

Wi-Fi® Connection

Connect to Network

Device Identification

Name Thermostat

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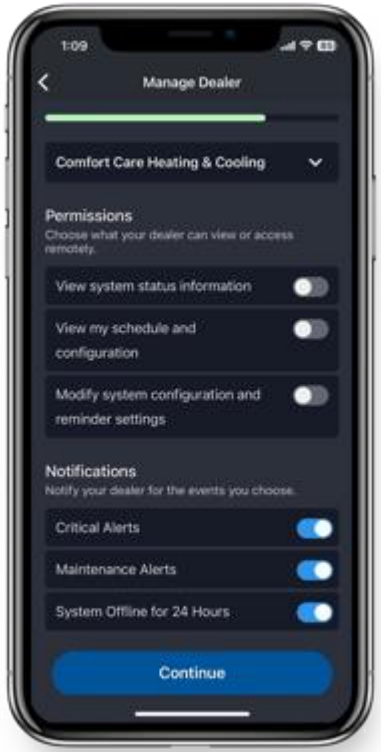
Carrier Home App – Setup



Dealer Settings

Add Thermostat

Dealer Permissions

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Carrier