What this does

The radio / entertainment system / navi in the 10th gen Civic uses an Android based device, and runs Android Apps. From the factory the radio only accepts Honda authorized Apps. This process unlocks ('roots') the Android system so that the Hondata Mobile Android App can be installed on the radio.

Warning: this process alters your factory radio at a low level and has a risk of disabling your radio and may also affect your factory warranty options with the radio/navigation.

What this will work on
- 2016-2017 1.5T Civic
- 2017-2018 Type R

What you need
- USB A to A cable
- USB flash drive
- Laptop computer
- FlashProManager V2.9.4 or later

Installation video
https://www.youtube.com/watch?v=XGdF1jm987o

Procedure
A) Enable developer mode
  1. Start with the ignition in accessory mode
  2. Press home, then 'Settings', then 'System', then scroll all the way to the right and then all the way down to 'Detail Information'.
  3. Scroll to the bottom and press 'Android Information' or 'About Device'.
  4. Press 'Build Number' eight times. Under 'Kernel Version' a button appears 'Please enter a password'.
  5. Scroll down, press 'Model Number', then 'Kernel Version', then 'Android Version' then 'Baseband Version'. Developer mode will be enabled.
  6. Press the Back button once and then press 'Developer Options'.
  7. Scroll to 'USB Debugging' and enable it.
B) Change the USB mode
  1. Hold the Brightness button (physical button on the top left), Audio button and Menu buttons down all at once. A menu will appear with two large white buttons.
  2. Select the bottom white button 'Detail Information & Settings'.
  3. Hold down the Menu button until another menu appears.
  4. Hold down the Home button for approximately 15 seconds. There will be 3 rapid beeps after a few seconds, then another beep after 10 seconds. A new menu appears.
  5. Change the USB role from Host to Device.
C) Root the radio
  1. Download the Honda Hack tool from https://github.com/codeage/root-honda/blob/master/packages/HondaHack.zip?raw=true
  2. Unzip the hack tool on a laptop. Note that all anti-virus software will complain that this is a 'hack tool'.
  3. Using the USB A to A cable connect the laptop to the USB port with the smartphone picture on it.
  4. On the laptop run the Honda hack tool. It will connect to the radio automatically.
  5. On the laptop click on the 'Root' button.
  6. After rooting is complete unplug the laptop from the USB.

7. For some models the radio the radio will reboot automatically, for other vehicles the radio will flash every 10 seconds or so. In this case, switch off the ignition for 30 seconds and then switch on the ignition to accessory.
8. The radio should show the Honda logo for 1 minute while rebooting.

D) Install the Hondata mobile App
1. Download the Hondata mobile APK file and save onto the USB flash drive.
2. Plug the USB drive into the center console USB port.
3. On the radio press Home, then 'App List' (some models) or the button with six squares (other models).
4. Run the 'Honda Installer' app.
5. Select 'Install An App'.
6. Press the top backslash or '..' to go backwards and then scroll down to 'usbdrive2'.
7. Select the com.hondata.hondatamobile.apk file.
8. The Hondata Mobile App will be installed.
9. Press and hold the Audio button for approximately 10 seconds and then select Yes to reboot the radio. This takes about 1 minute and the Honda logo will show when rebooting.

E) Linking to FlashPro
1. Make sure that you have updated the FlashPro firmware using FlashProManager V2.9.4 or above.
2. Switch the ignition to run or start the engine.
3. Press Home, then Settings, then Bluetooth, Devices then Search for Devices.
4. The FlashPro will appear as a MAC address (8 pairs of numbers separated by colons).
5. Pair to the FlashPro. If you have changed your code from 0000 then you will need to enter it.
6. Press Home, then App List and then Hondata Mobile.
7. Click to lightening bolt to connect. The FlashPro will appear as 'FlashPro'.
8. Enjoy running Hondata Mobile on your 10ᵗʰ gen Civic.

Credits and links
Software
https://github.com/codeage/root-honda/blob/master/packages/HondaHack.zip?raw=true
Hondata Mobile
https://www.hondata.com/forum/viewtopic.php?f=48&t=21067
USB A to A cable
https://www.amazon.com/StarTech-com-Beige-USB-2-0-Cable
Instructions & Credits
https://forum.xda-developers.com/android/general/guide-how-to-enter-developer-mode-2017-t3621582
https://forum.xda-developers.com/android/general/guide-how-to-gain-root-shell-2016-honda-t3487644