TrainTime App

MTA Long Island Rail Road

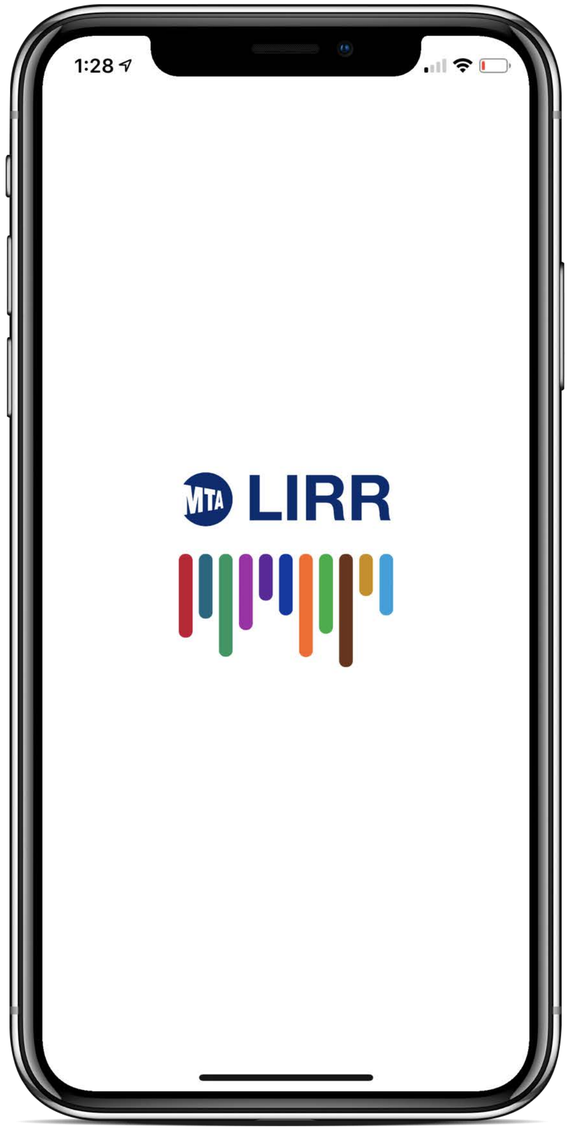
July 29, 2020

WATCH THE GAP
Long Island Rail Road
WARNING
Watch the Gap
EMERGENCY DOOR RELEASE PULL RED HANDLE
EMERGENCY ACCESS WINDOW
KNOCK IN

Features

New and improved

- Realtime location
- Push notifications
- Realtime and historical crowding
- In-station signage



GPS antennas

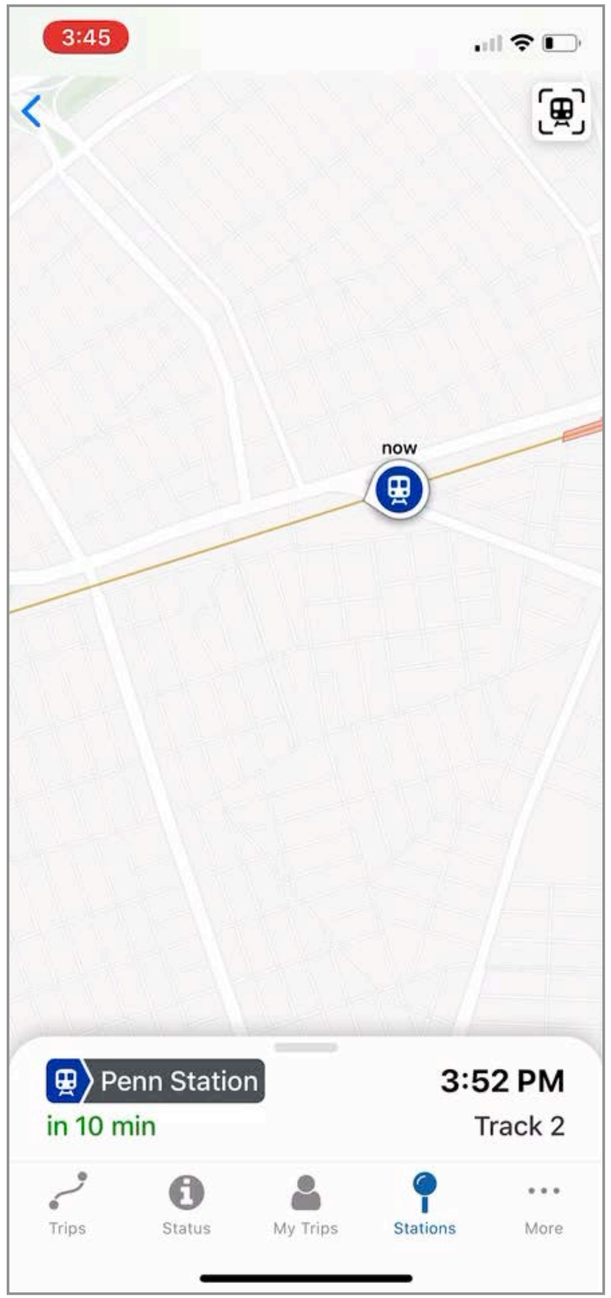
Installed across entire fleet

- Update with their position, speed and heading every 2 seconds

Realtime location

Meeting new user expectations

- Accurate enough to see the consist
- Integrated with signals data as train goes underground



Push notifications

Be the first to know

- Track postings at Penn Station
- Last-minute track changes
- Train held by dispatcher
- ETA to your stop

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Crowding technology

Three different technologies

1. Pressure sensors from car
2. Infrared sensors above doorways
3. People counting from security cameras

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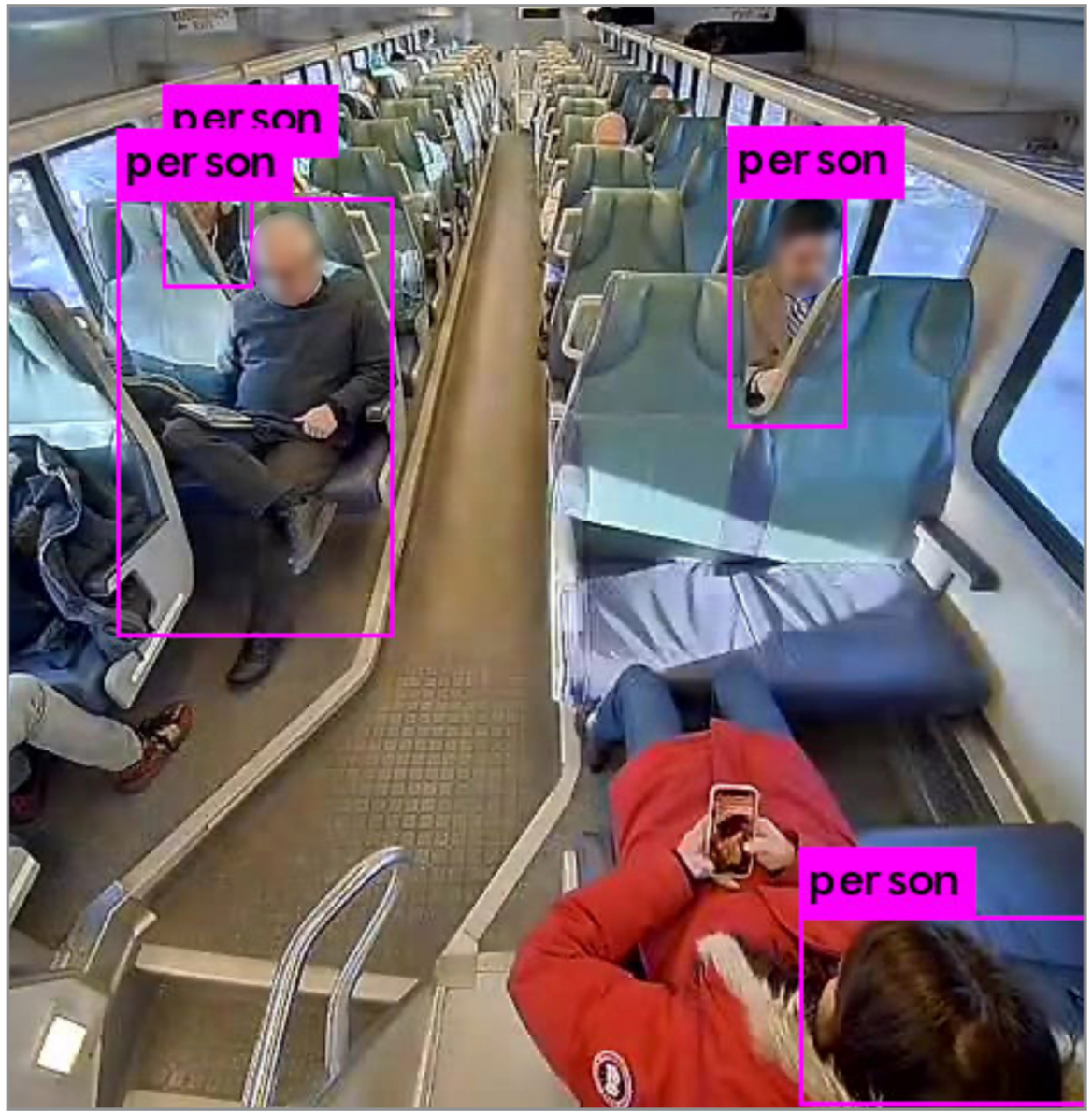
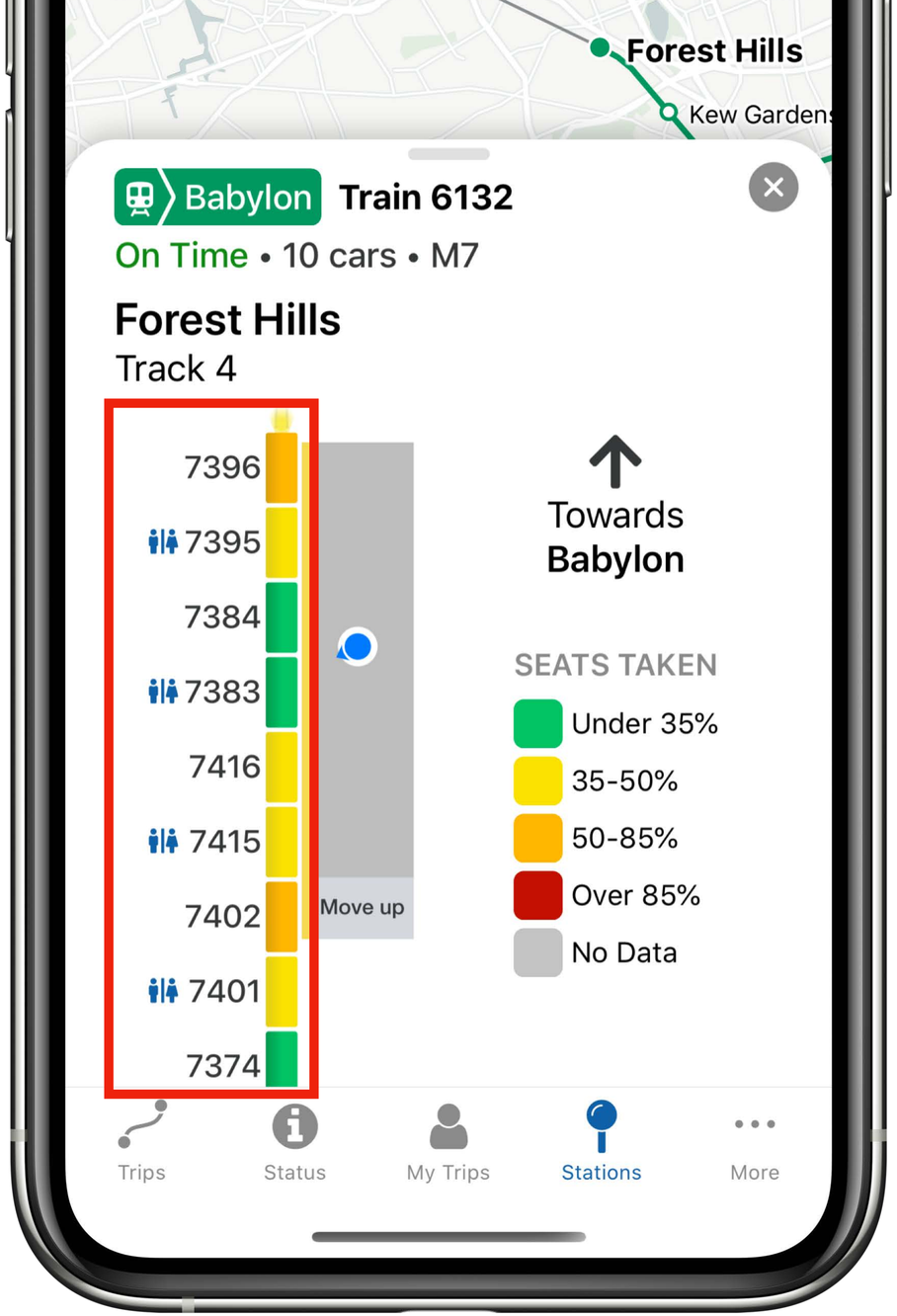


Realtime crowding

First in North America

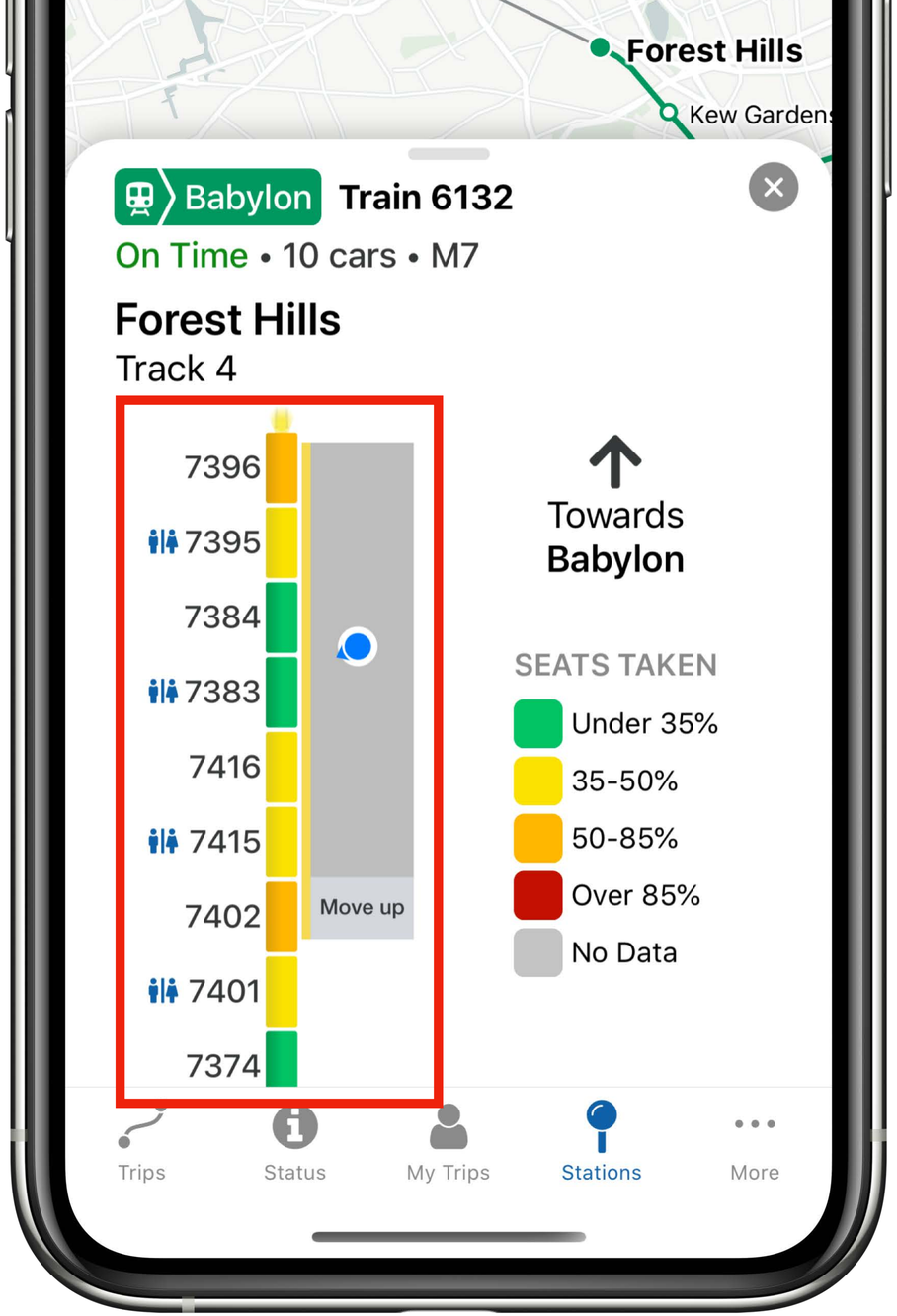
- Realtime data updated every 10 seconds
- Bucketed into 5 levels



Platform diagrams

First in the world

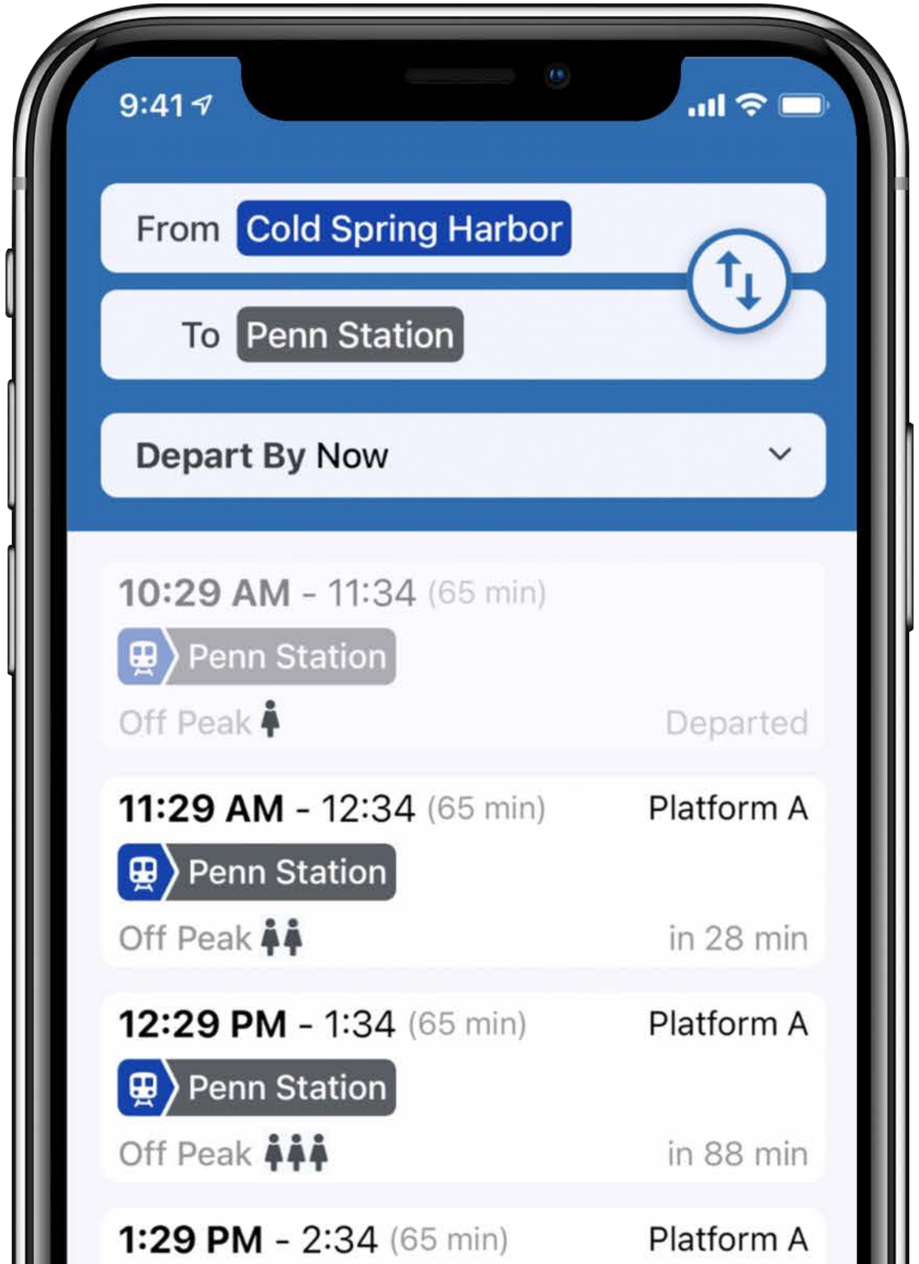
- Uses your GPS location to show where you are relative to the incoming train



Historical crowding

Based on realtime data

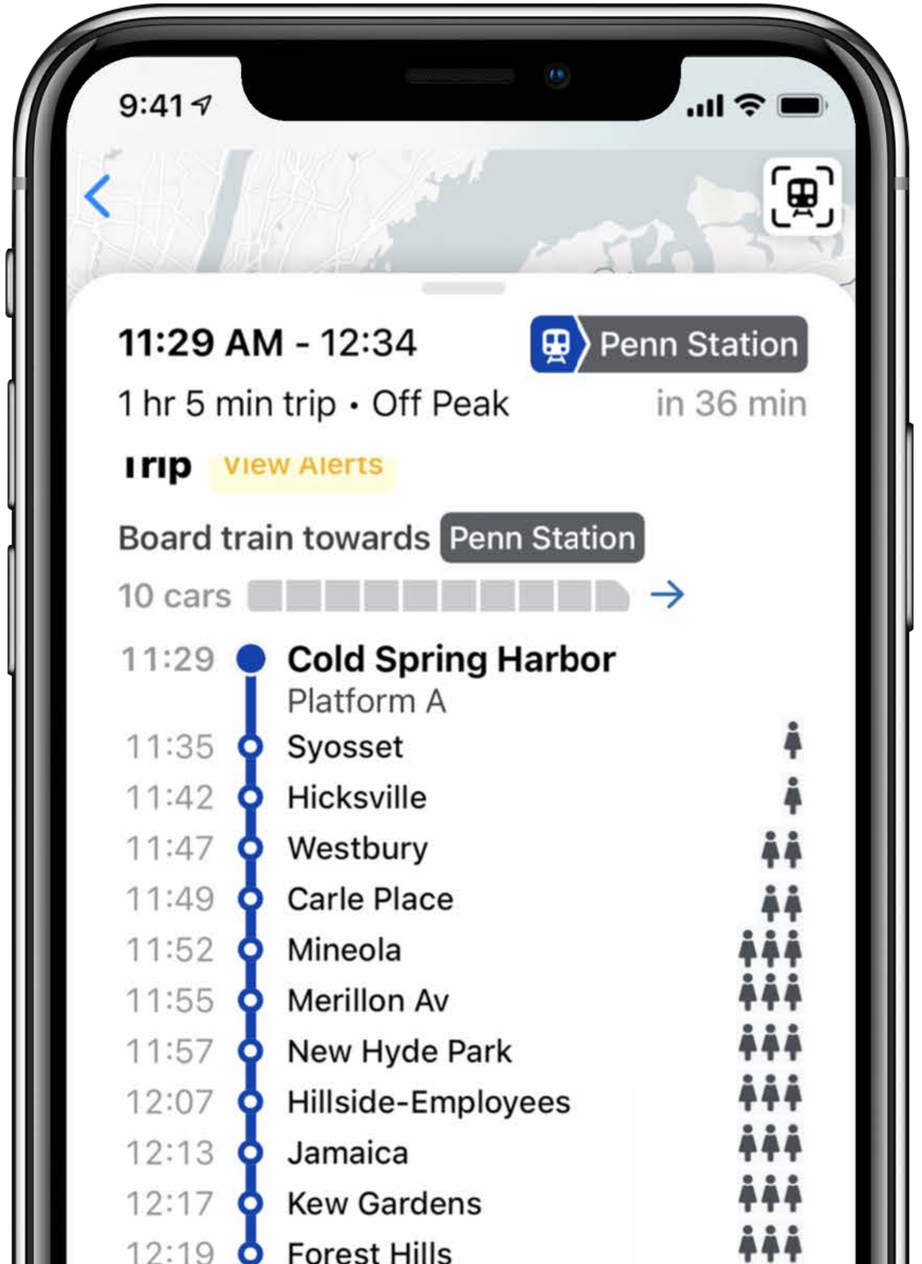
- Help customers pick a train that is less crowded



Historical crowding

Based on realtime data

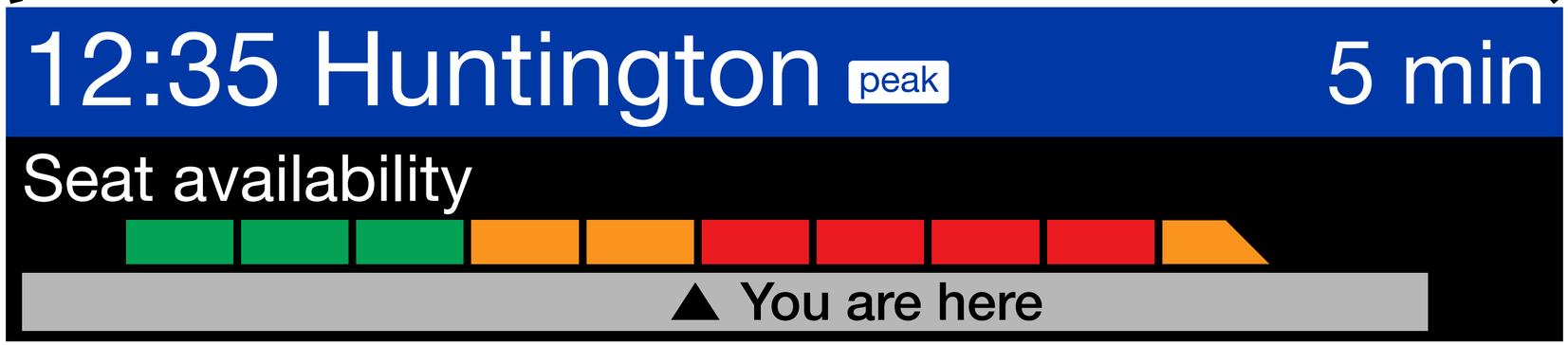
- Tracks crowding stop-by-stop over the last 7 days



In-station signage

State of the art

- Crowding
- Down to the second
- Location



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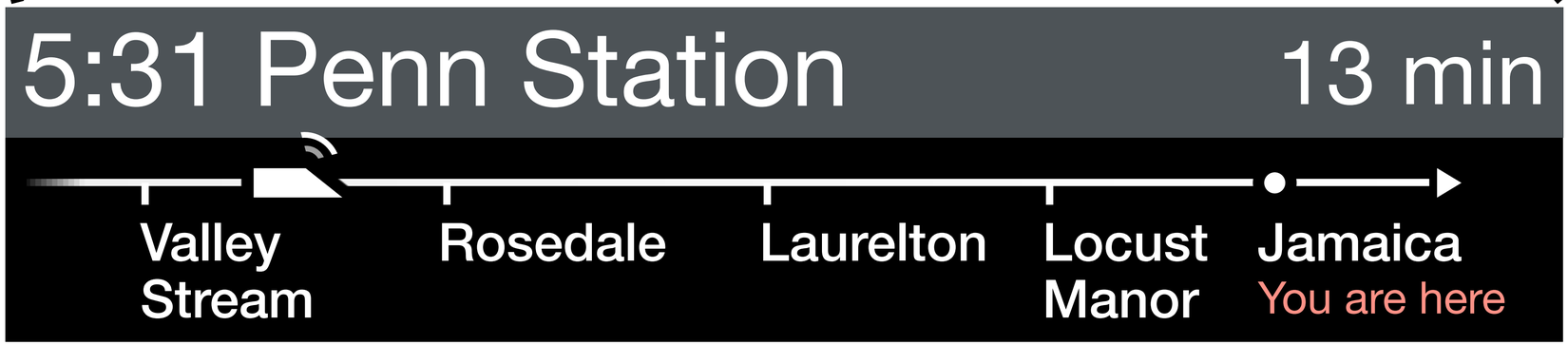

Customized map styling

Consist view

Available in 한국어

Trip bookmarks

Service status

GPS-based location

Car numbers

Push notifications

Support for screen readers

Planned work and incidents

Dark mode

Nearby trains

Available in Español

Dynamic trip planning

Historical loading

Realtime location in tunnels

Support for large fonts

Share your trip

Platform view

Available in 中文

Colorblindness support

Realtime loading

Find you train car

Siri-enabled

Machine learning for ETA's

“This is A++ and I’m jealous of LIRR riders for being able to use it.”

Aaron Gordon, transit journalist

“The new @LIRR app?!?!?!!!
IMPECCABLE.”

@prurardi on Twitter

TrainTime App

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