Addressable Protocol 9

Variable Time

ADDRESSABLE
SPACE

Protocol Appendix Series   Jun 24
Chenoe Hart

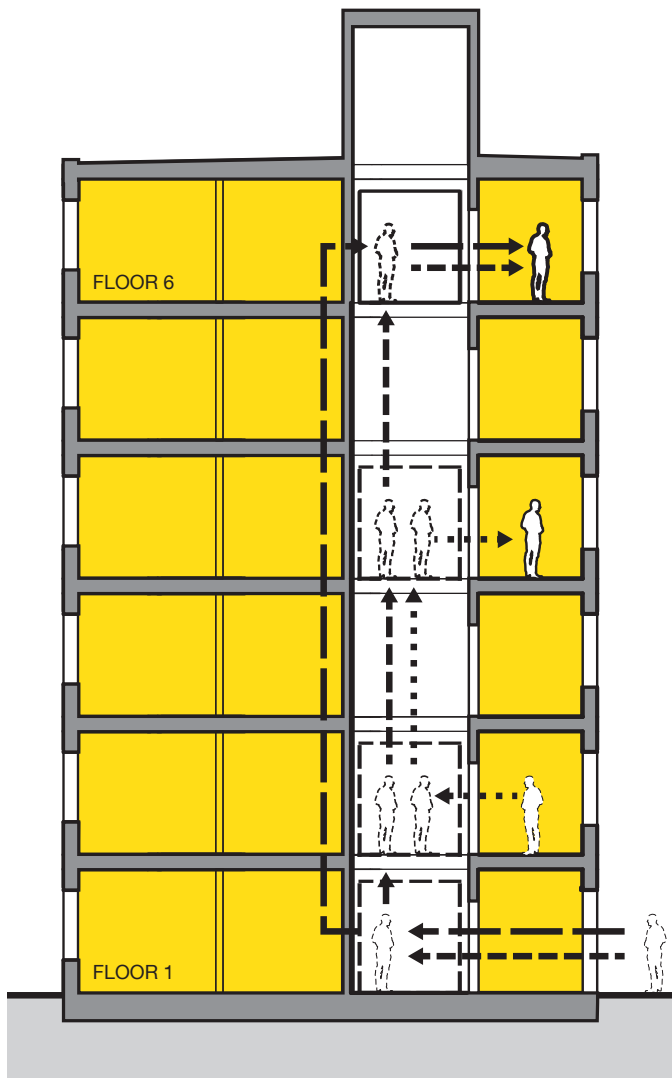**What Happens During an Elevator Ride?**

Normally when you walk through a building, the distance you travel directly correlates with the amount of time that elapses during your journey. The elevator, as an automatic system, decouples those relationships, creating a non-linear method of travel.

When you ride an elevator, you don't know exactly how long your journey will take. The ride may be longer or shorter depending on how long you wait for an elevator car to arrive. The same ride from one floor to another could take twice as long at a time when many other people were boarding as it would at a less busy time. The extra time it takes the elevator to accelerate to its top speed after each stop only further compounds its unpredictability. The length of your trip is not necessarily related to how far you travel.

An elevator ride always requires the same amount of physical effort—pressing a button—to travel to different floors, but it can generate a wider range of experiential journeys.
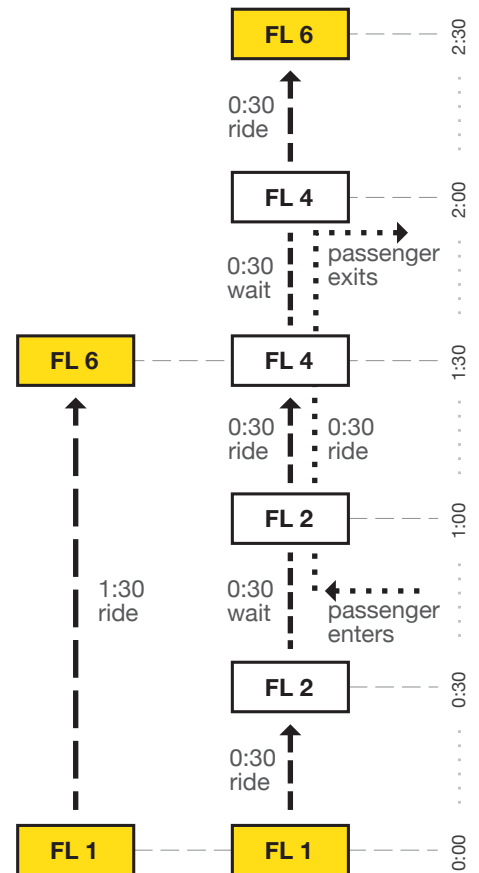
Example Journey

FLOOR 6

FLOOR 1

Elevator Journey Comparison

Based on estimated travel times, min : sec.

- – – – Uninterrupted elevator journey
- ---- Interrupted journey
- · · · · Journey of another passenger

FL 6 — 2:30

0:30 ride

FL 4 — 2:00

0:30 wait   passenger exits

FL 6 — — FL 4 — 1:30

0:30 ride   0:30 ride

FL 2 — 1:00

0:30 wait   passenger enters

1:30 ride   FL 2 — 0:30

0:30 ride

FL 1 — — FL 1 — 0:00

Direct Temporal Navigation

Since floor and room numbers offer only limited information about your journey through a building, they can be replaced by navigation apps providing travel times.

Before: "Dave's apt. **#131** is on **floor 13**."

After: "Apt. **#0x626262** is 45 sec away. Follow app directions once elevator reaches **FL #8D4333**."
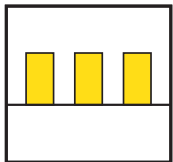
Journey 1
Elevator takes you straight to the top floor (FL 6).

Elapsed time **1:30**

Journey 2
Elevator traveling to FL 6 stops at 2 & 4 to pick up/drop off another passenger.

Elapsed time **2:30**

Variable Destinations

New Address Technology

A more user-friendly system of displaying building addresses could improve their functionality for a wider range of users beyond those imagined during the early development of house numbering schemes to serve governmental purposes.

Traditional street address and apartment unit numbers could be replaced by screens using low-power e-ink and LED backlight technologies to display customized addresses for different types of visitors. An anonymous code could be sent to delivery drivers, and family members could receive warm personalized greetings.

The built environment will eventually become more personalized to you as you travel through it.

A Door for Every Visitor

Customized greeting for family members.

Directions for delivery drivers.

Connections with blockchain addresses.