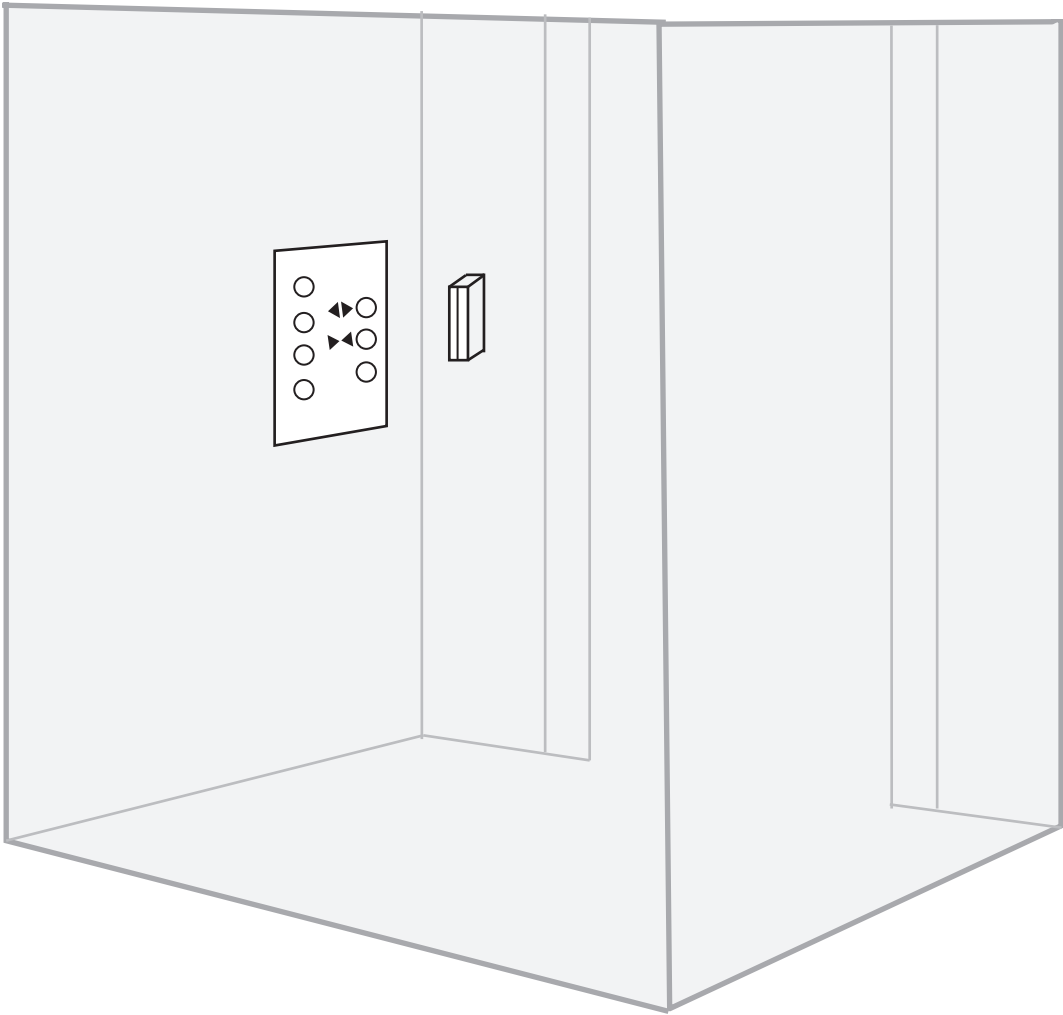# Redesign: Elevator Card Swipe

The Problem

1. No instruction given to slide card once button is pushed.

2. Card slider not located next to button display.

3. Elevator doors close even if card is not swiped, leading user to assume elevator will move.

The Fix

1. Digital display integrated with buttons instructs user to swipe card after making a floor selection.

2. Card reader integrated with buttons and digital display. LED's draw attention to card reader.

3. Doors remain open until card is swiped.

4. Digital display and card reader LED's blink red until card is swiped. Once card is read, lights blink green and digital display reads "Going Up" or "Going Down."

~ Please Slide Campus ~
~ Identification Card ~
Below

3
2
1
◀▶ Open
▶◀ Close
Alarm

Control inspired by:

▶ debit and credit card readers   ▶ ATM card readers

Steffi Paepcke | Basic Interaction Design | Spring 2011