Design Philosophy 1

Module Communication Interface
  ○ Phone is the core with swipe card (no cash), speaker-microphone (no handset)
  ○ Touchscreen
  ○ Camera for both video call and 911 calls
• Dedicated 911 and 311 call buttons.
• Photo of caller made with all 911 calls.
• No handset and no cash removes to vulnerable breakage points in payphone usage.
• Reconfigurable by location need. Time Square with high volume of tourists gets all modules. Neighborhoods with less tourist traffic get fewer touch screens.
Design Philosophy 2

Semi-private and private interior
Semi-private provides a possible small group interaction with touch screen. When the private phone interior occupied, phone calls can be made from semi-private side.
We want it to be a good experience but we also want everyone to have access to it. Therefore we need to limit the time that one could use it for free.

- Free one minute voice call is like a text message and it creates a communication discipline.
- Longer calls paid by card swipe, for examples locals calling home to Philippines, China or Guatemala or tourists wanting to avoid roaming charges calling friends and family back home.
Design Philosophy 3

Neighborhood Customization - turn payphones into neighborhood attractions
  ○ Exterior Silhouette: show neighborhood character
  ○ Interior Design: showcase local art etc.
Chinatown

SOHO
Phone Module

- Free one-minute call
- Longer calls with card swipe
- One-button 911 and 311 calls
- Service: Wi-Fi

Touch Screen Module

Local:
- Events Calendar (NYTimes API)

Visitors:
- Map (Google API)
- What to do & where to go (NYTimes + Foursquare API)
What else can we do with the standardized components of a payphone?
A payphone has a speaker...
Phone Booth?  

Karaoke Booth.

3 trials  
Listen to your own recordings  
"Email to myself" or "Publish"
Cameras are installed on some of the payphones to take photo of the emergency caller.
One Camera, two uses.

Emergency

Video Postcard
In Time Square? Record a video for your family and keep a sample of the noises of Time Square. It's stamped and shipped by NYC payphones.
But the phone also functions as an information kiosk for both locals and visitors.
Announcements of local community board meetings.
Map

Never be lost
Discover events and attractions nearby
Screen view matches visitor orientation

Information from Foursquare
Map

Aerial view with POIs supplied by Foursquare
View Augmented Reality Models
Icons Provided by

Anand Nair
Christopher McDonnell
Luis Martins
Jonathan Keating
Scott Lewis
Stanislav Levin
from thenounproject.org
Contact

Lynn Hu
lynn.yang.hu@gmail.com

Steve Bull
steve.bull@gmail.com