Google Glass

APCUG - Virtual Technology Conference
2/21/2015
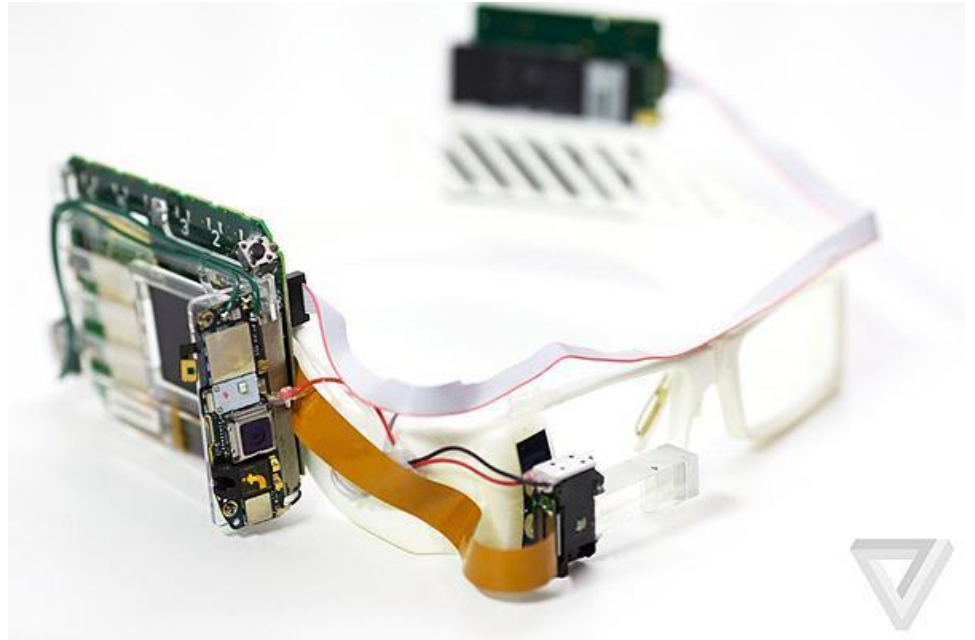**by Mark Richards, Computer Club of Oklahoma City**

apcug
An International Association of Technology & Computer User Groups

What is Google Glass?

Wikipedia - a type of wearable technology with an optical head-mounted display (OHMD). Developed by Google, Glass displays information in a smartphone-like hands-free format.
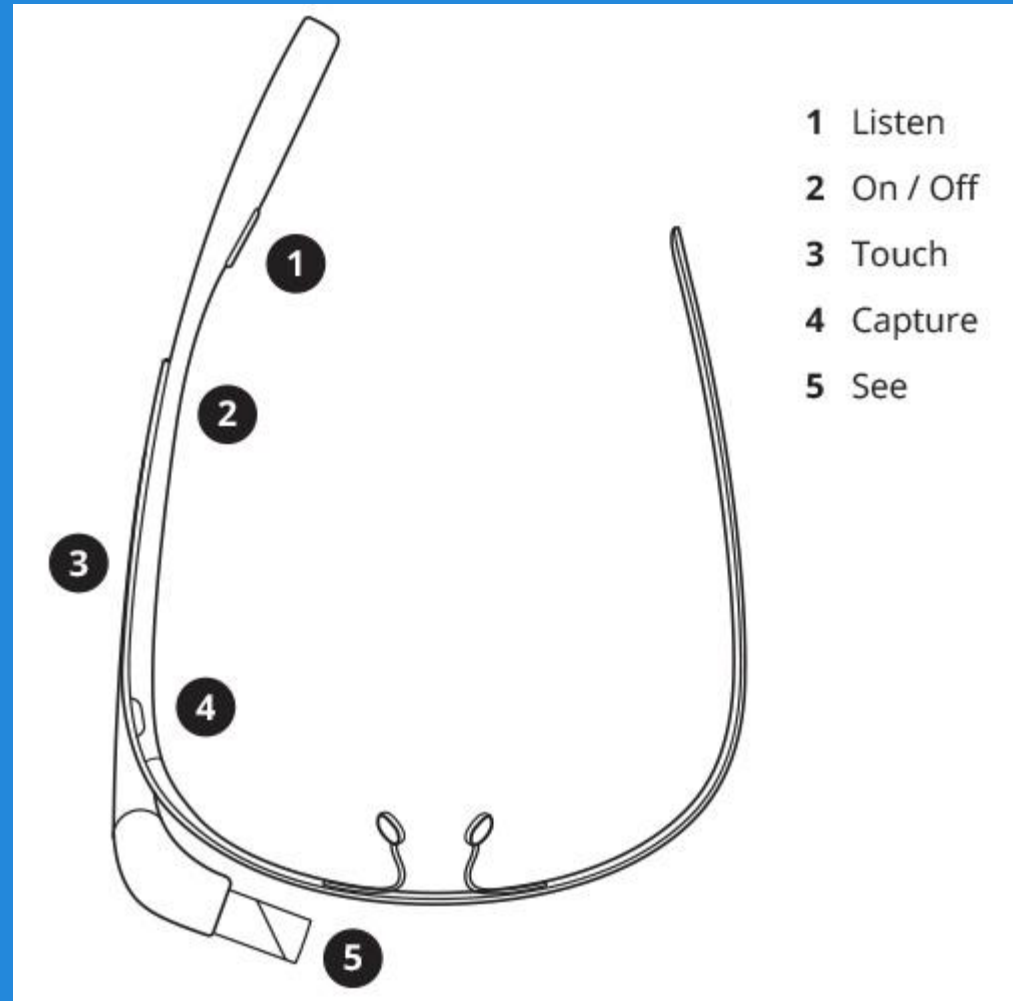
PLAYLIST

Form Factor

Hardware

1. Bone Conduction Transducer (BCT)
2. Power Button
3. Touch Pad
4. Manual Shutter Button
5. Display

- Photos - 5 MP
- Video - 720p
- 16gb Flash Memory (12gb free)
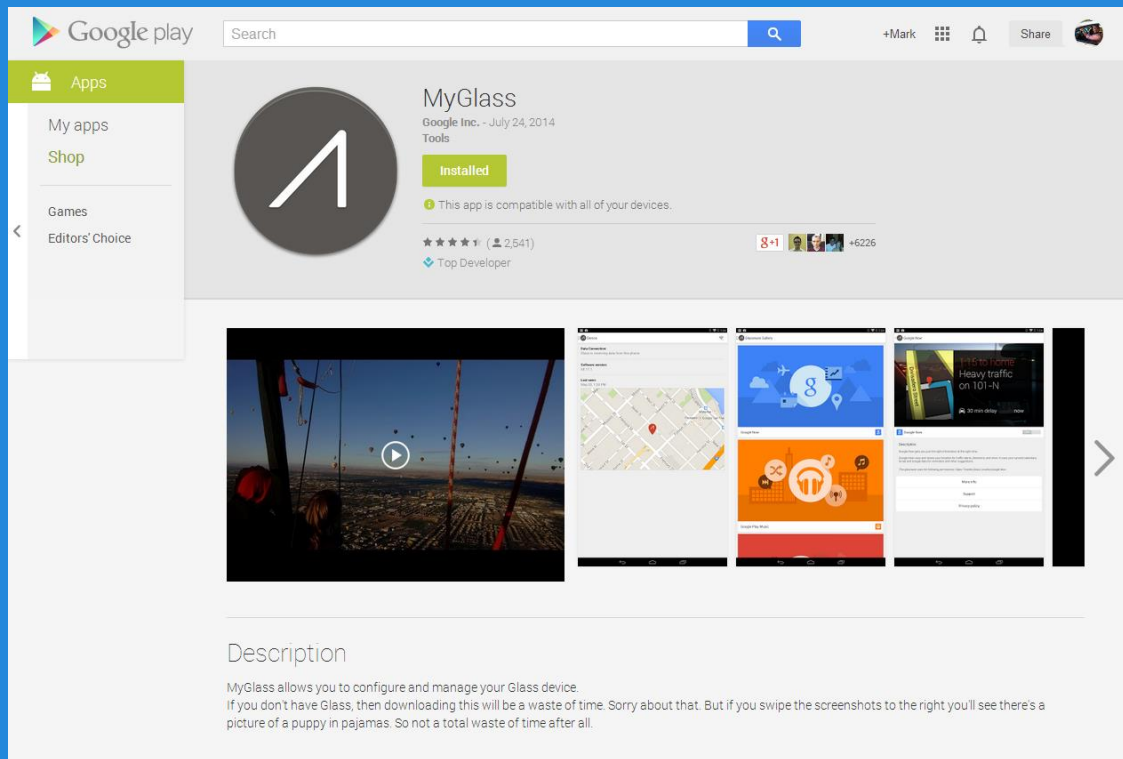- Wi-Fi 802.11 b/g
- TI OMAP 4430 SoC 1.2Ghz Dual (ARMv7)

1 Listen
2 On / Off
3 Touch
4 Capture
5 See

Prescription Frames

Shades

Software

- Current Build - XE22
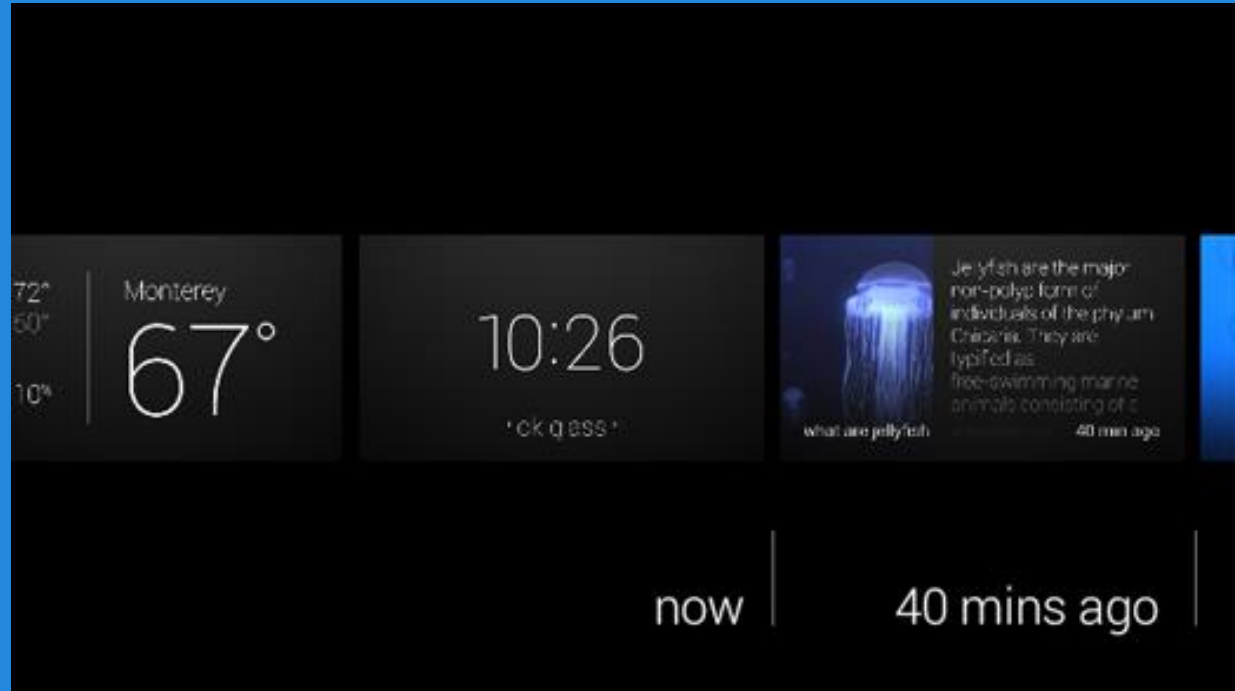- Connected to phone via bluetooth
  - Using MyGlass App

Interface

Interface

Glassware

94Fifty Basketball
Allthecooks Recipes — Active
CNN Breaking News — Active
Compass — Active

Duolingo — Active
Facebook — Active
Fancy
Field Trip — Active

Foursquare — Active
Gmail — Active
GolfSight by SkyDroid — Active
Google Calendar — Active

Google Now — Active
Google Play Music — Active
Google+ — Active
GuidiGO

Hangouts — Active
IFTTT
Livestream
LynxFit — Active

Mini Games — Active
musiXmatch
OpenTable
Path

Runtastic Fitness Colle...
Star Chart — Active
Stopwatch — Active
Strava

Swingbyte
Timer — Active
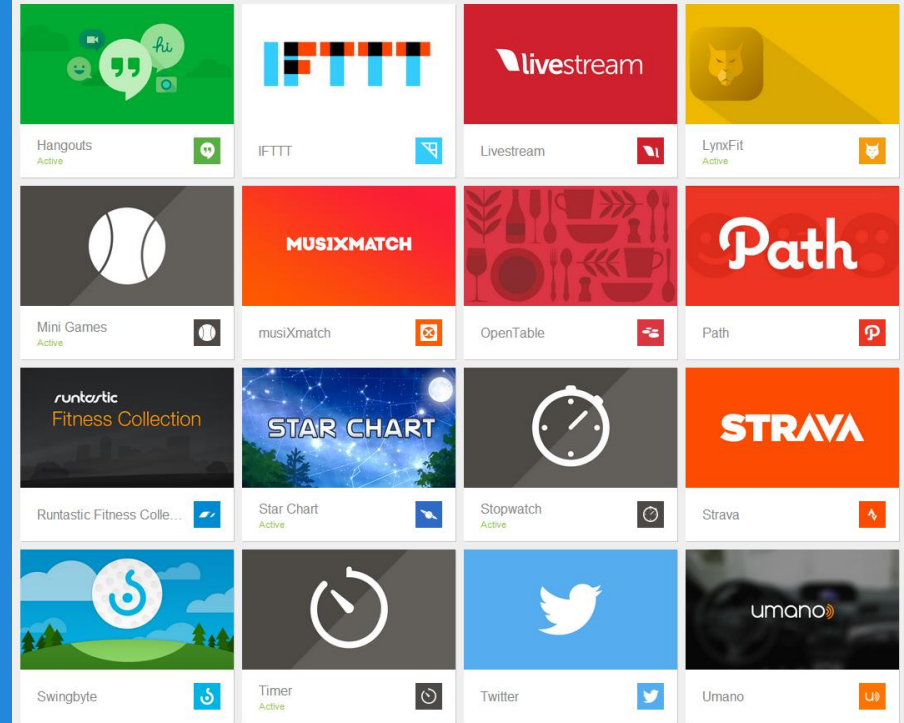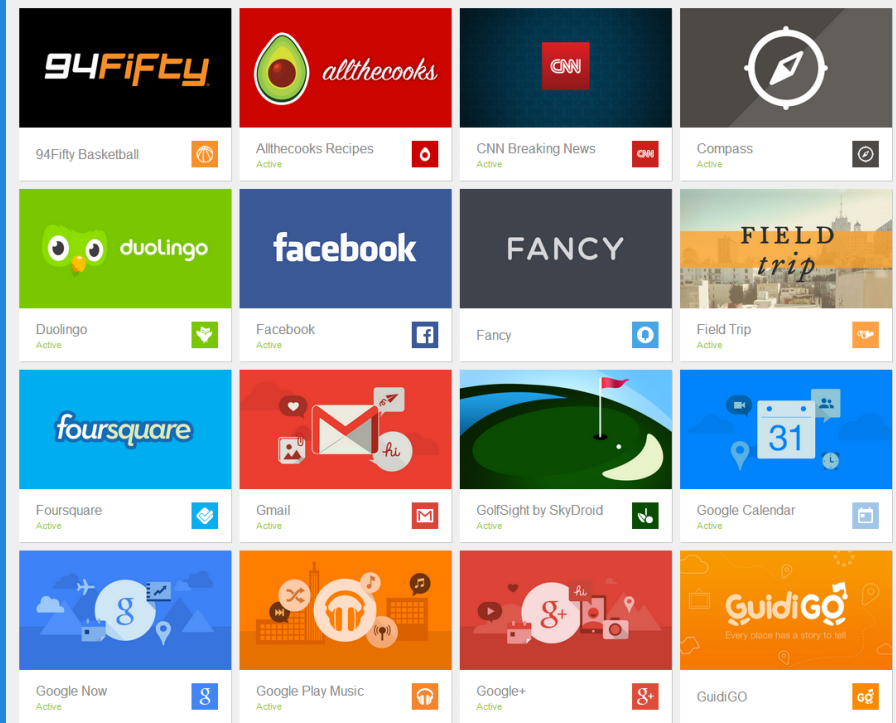Twitter
Umano
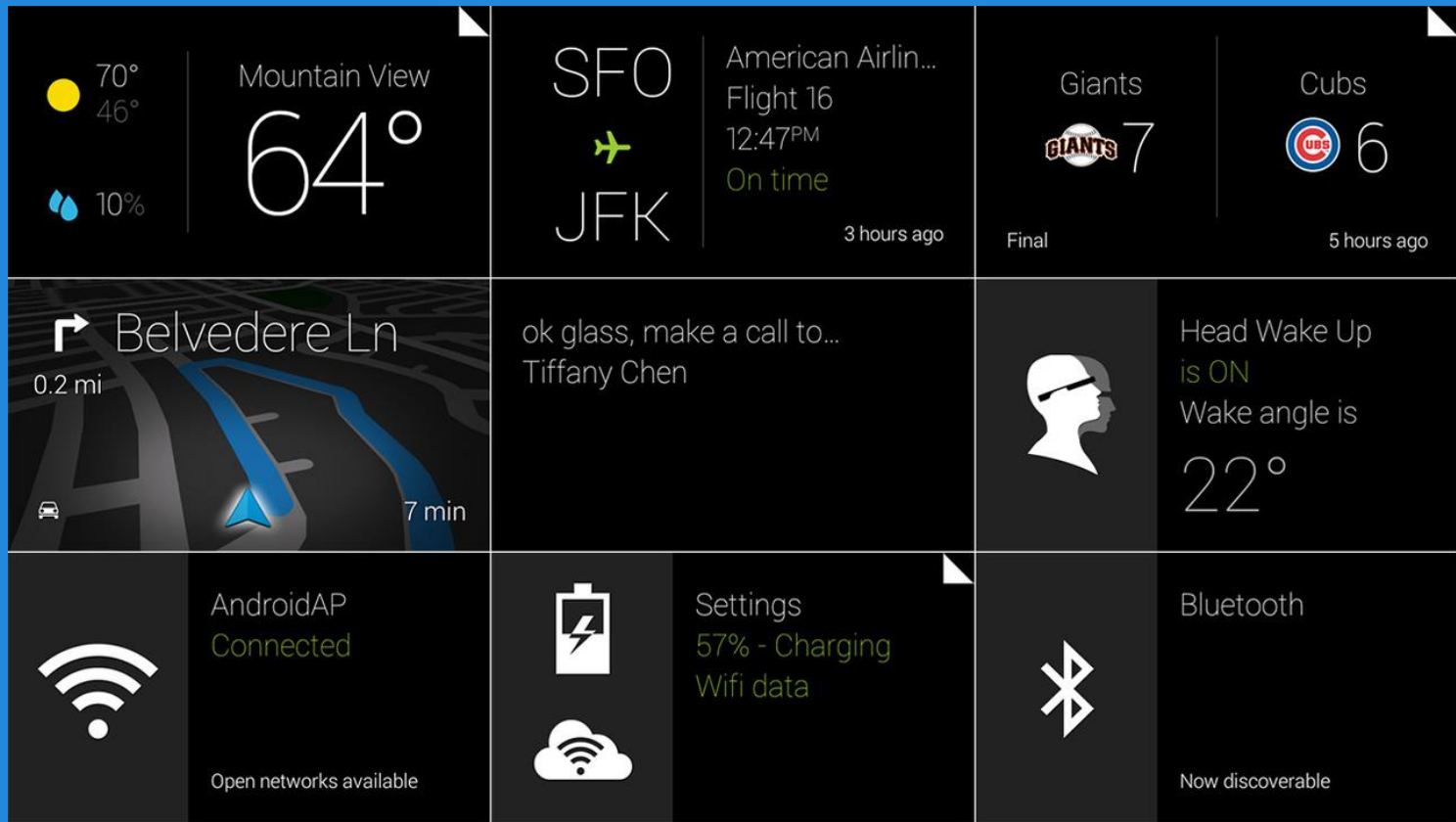
Timeline

- **April 4, 2012:** Google Announces "Project Glass"
- **June 27, 2012**: Google co-founder Sergey Brin does a planned interruption of the morning keynote at the Google I/O conference (in San Francisco) using professional skydivers wearing Glass
  - Preorders for attendees start after demo
- **February 20, 2013**: Google expands the Explorer program to the public with the launch of the #ifihadglass contest
- **April 16, 2013**: Glass explorers from (from I/O 2012) can begin picking up their device from either Mountain View, LA, or NYC locations
- **May 13, 2014**: Google permanently opens the Explorer program to anyone interested in joining
- **January 15, 2015**: Google announces the end of the Glass Explorer program

Current Status

- Glass has "graduated" out of the company's experimental lab, Google[X], and will operate as its own Google department
  - Tony Fadell of Nest — recently purchased by Google — will oversee the Glass division
- New design (hardware) currently being developed
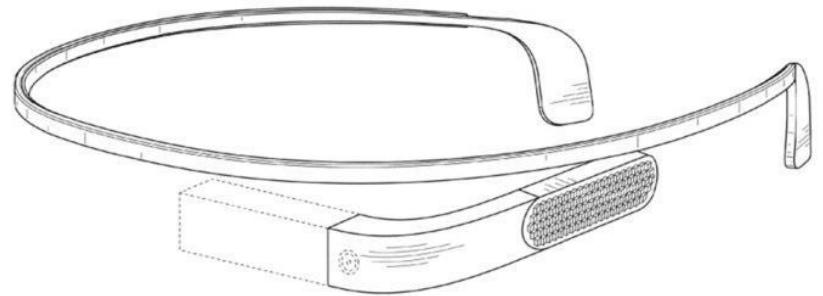- No more public beta's for future product

FIG. 1

Integrated Technologies