

Bug Labs

Sketching in Hardware 2010

designing for design



<3 Innovation

1.3 BUG



2.0 BUG





Concept 4 - Status LEDs - permanent info display.



Concept 4 - top panel, illumination off



Bug System



Prototype

1 month
\$

BUG OS
Services



Pilot

2-3 months
\$\$\$

BUG OS
Services
BUGcloud



Production

6-9 months
\$\$

BUG OS (optional)
BUGcloud

Scaling function

More modules
playing nice with others (hardware)

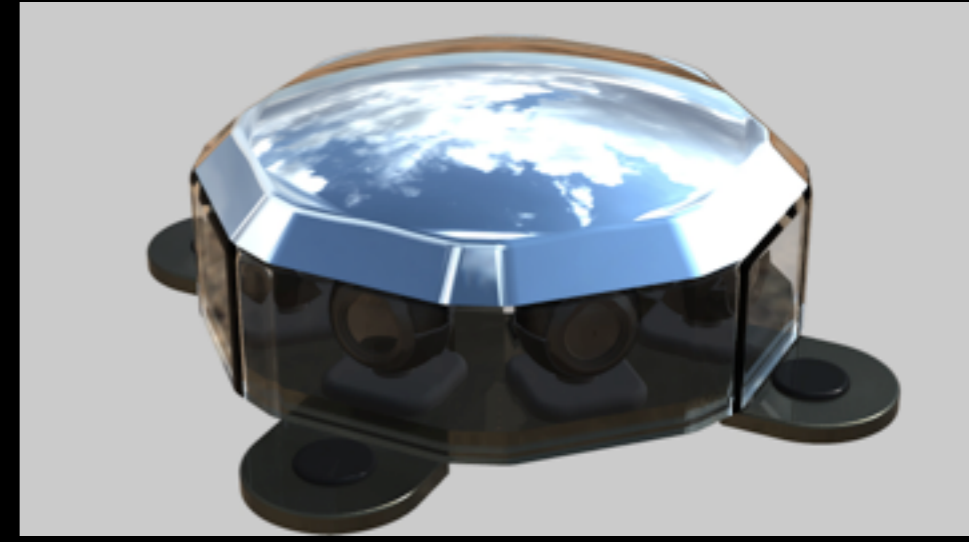
DARPA



Prototype



Pilot

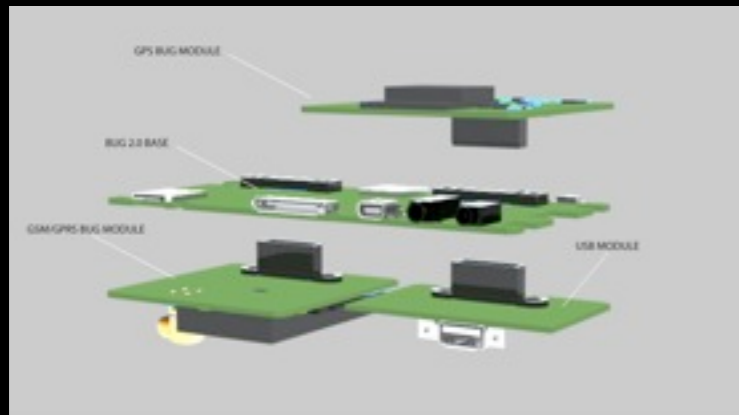


Production

9 - 10 Months

Scaling Shape & Size

Accenture



Prototype

Pilot

Production

6 - 7 Months

Scaling Connections



Bug Labs New York



13 devices, 3 online now
invite: BKIIY

Welcome

Online (3)

Michael_BUG
mhorowitz3.broker.freenet

motherBUG
motherbug1.buglabs.net

sensorBUG
mybug1.broker.freenet6.i

Offline (10)



sensorBUG

LCD VONHIPPEL

||||| ○○

CAMERA AUDIO

Services

Picture

This service can return image data from a hardware camera.

VonHippel

Returns status of various points (GPIO, IOX) on Von Hippel module

Audio

ScreenShot

GET Request returns a png image screenshot of the current LCD screen.

Location

Display location

Servo

Displays a servo control

Notification

Send notification

Acceleration

Servo

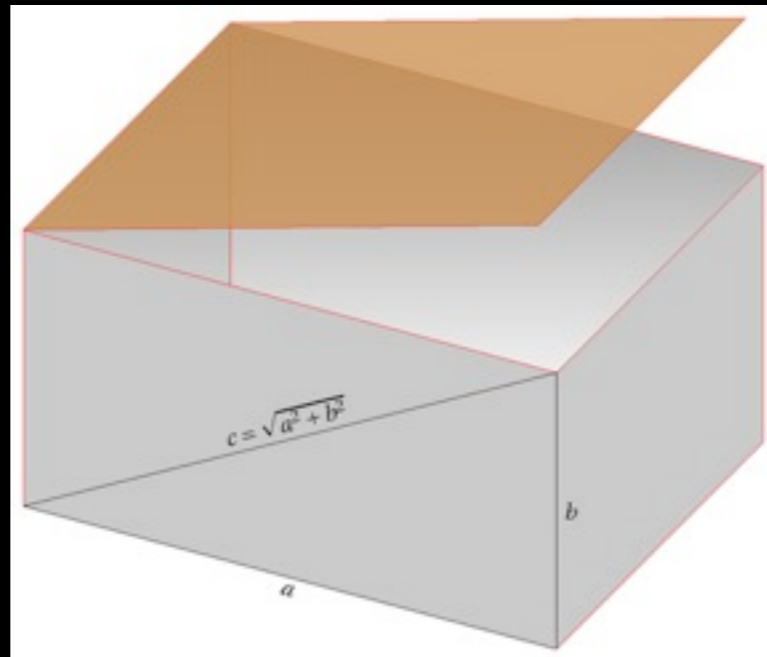


Degrees to rotate BUG (value between 0 and 180)

Submit

Scaling Economically

Minibug



collaborators



Rob Faludi
ITP

Dan Steingart
City College



NEW YORK
HALL OF
SCIENCE

SEPTEMBER
23RD
AT THE WORLD FAIR GROUNDS
47-01 111TH ST. QUEENS, NY 11368