

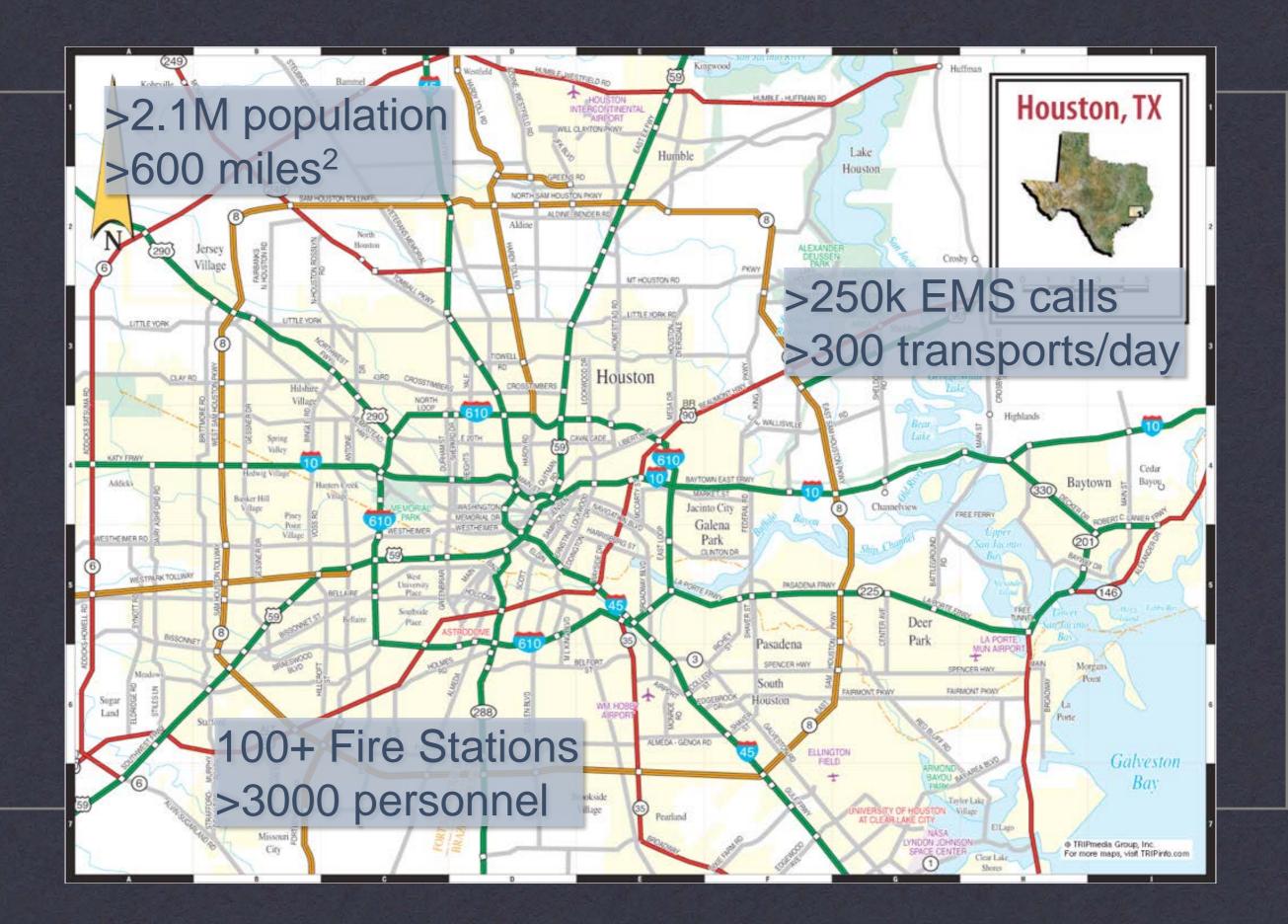
HFD ETHAN PROJECT

DAVID PERSSE, MD MEDICAL DIRECTOR HOUSTON FIRE DEPARTMENT/EMS MICHAEL G. GONZALEZ, MD ASSOCIATE MEDICAL DIRECTOR

ETHAN: EMERGENCY TELE-HEALTH AND NAVIGATION



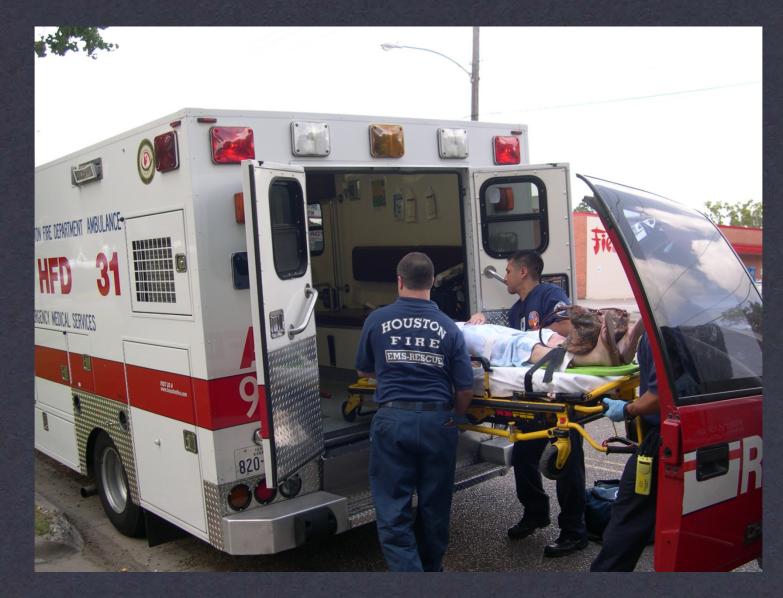
CROSSROADS *** ED OVERCROWDING AND OVERUSE * ACCESS TO HEALTHCARE CONCERNS * UNPARALLELED POPULATION GROWTH * TELEMEDICINE & TECHNOLOGY** INNOVATION





911 CALL

FIRST RESPONDER

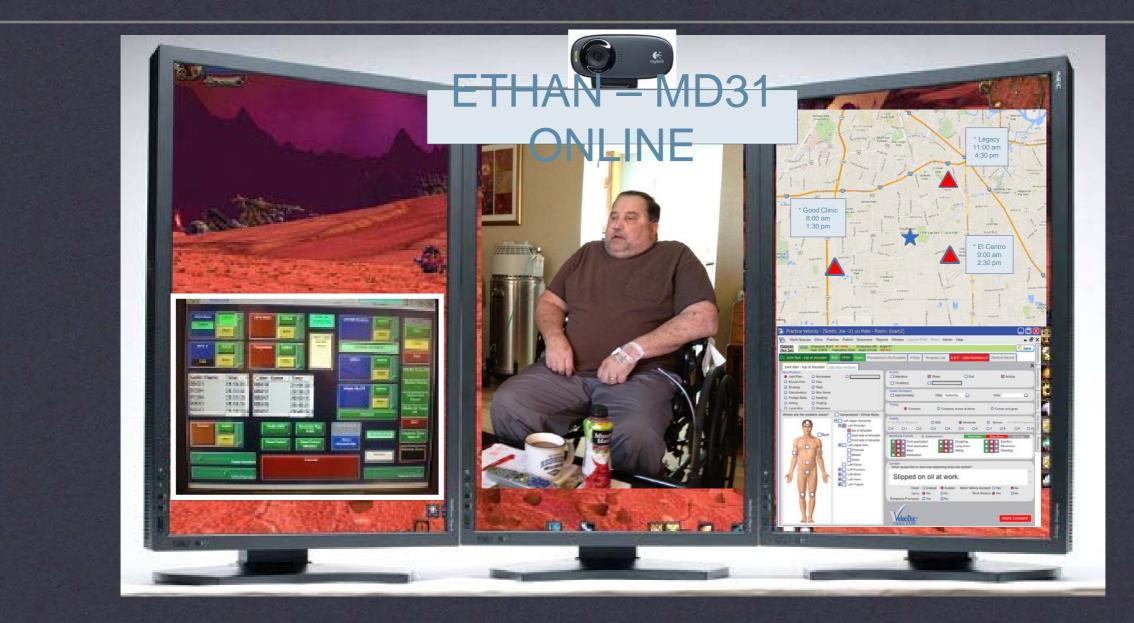


PANASONIC G1 TOUGHPAD





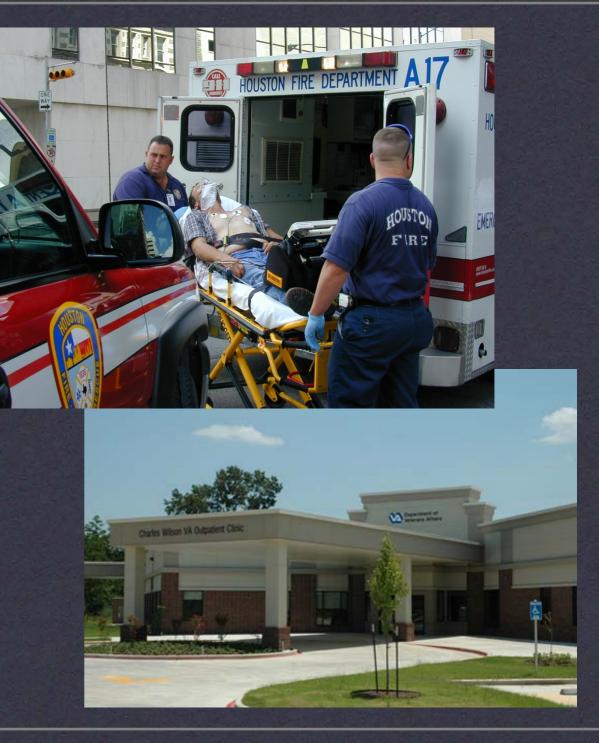
ETHAN PHYSICIAN



ETHAN WORKSTATION

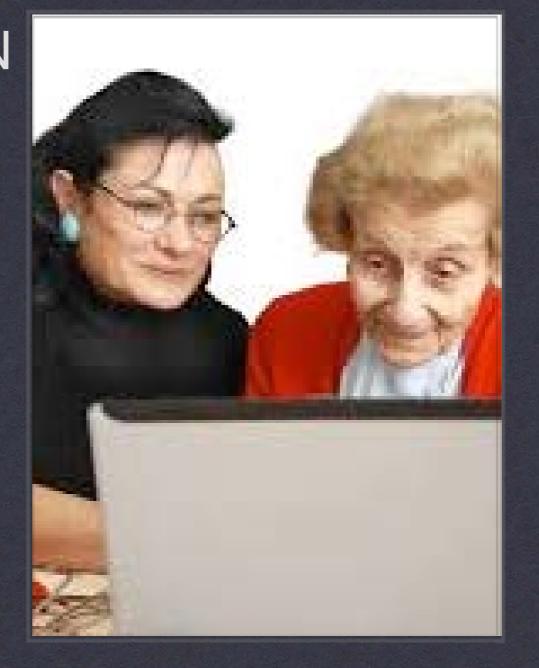
ETHAN DISPOSITION

- MD Referral to ER
- MD Referral to Clinic Appt
 - Patient agree
 - Taxi or POV
 - Patient refuse
 - Taxi to ER
- MD Referral for Followup, as needed
 - Home Care instructions
 - Patient agree
 - Patient refuse -> taxi ER



ETHAN - CARE HOUSTON

- * FOLLOWUP CALL
- *** ARRANGES CLINIC VISIT**
- *** TAXI VOUCHER**
- CONNECTS WITH RESOURCES AS
 NEEDED
- *** ESTABLISHES MEDICAL HOME**



ETHAN TEAM ***** EMT/PARAMEDICS *** ETHAN PHYSICIAN * BASE STATION * CARE HOUSTON LINK * CLINIC FOLLOWUP**



ETHAN - MILESTONES

* INFRASTRUCTURE

- *** BASE STATION**
- ***** FIELD UNITS
- * ARCHIVE/STORAGE
- * CONNECTIVITY
- * PERSONNEL
- * CLINIC & FOLLOWUP

ETHAN PARTNERS

- HARRIS COUNTY HEALTHCARE ALLIANCE
- **UT-SCHOOL OF PUBLIC HEALTH**
- RICE UNIVERSITY EHRI/BRC
- GREATER HOUSTON HEALTHCONNECT
- CARE HOUSTON/COH HEALTH DEPT.
- LOCAL COMMUNITY HEALTH CENTERS
- COUNTY RIDES (YELLOW CAB)
- CLINTON HEALTH MATTERS INITIATIVE

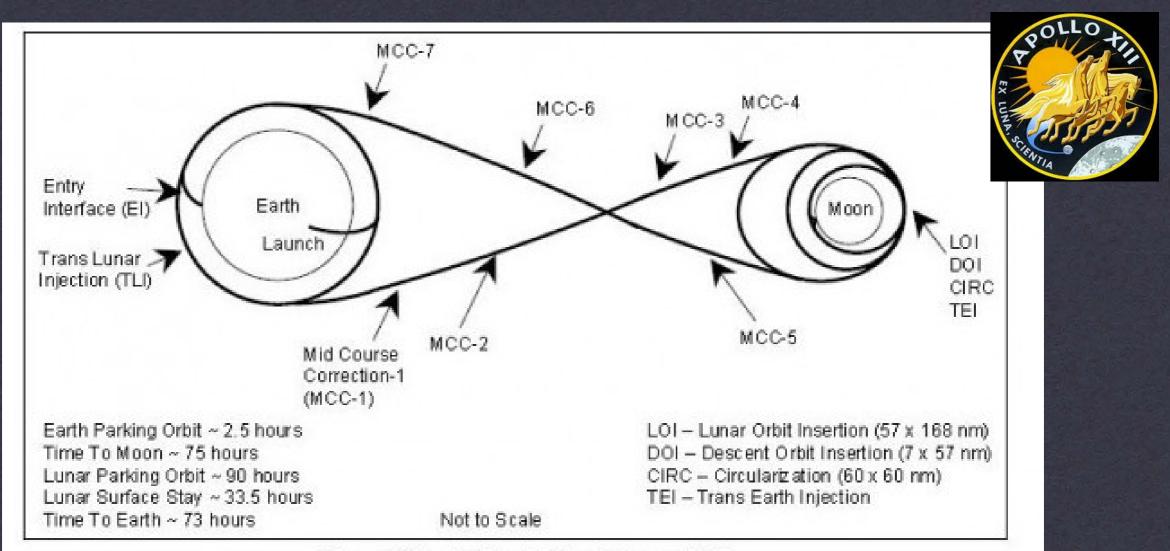


Figure 4. Nominal Apollo 13 mission profile.12

APOLLO 13

QUESTIONS?

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