

HROBOT1



TECHNOLOGY

- Simple “virtual presence” robot
- Mobile platform similar to iRobot Roomba
- WiFi network for mobility
- VSee videoconference software
 - Also shares teleoperation app



COST AND SCHEDULE

- Lunch hour project in Sept 2010
- Parts = ~\$500
 - iRobot Create kit
 - HP netbook with webcam
 - USB/serial adapter
 - VSee software

IMPACT

- COTS mobile videoconference robot
- Used by offsite manager to interact with employees at remote office locations
- Simple enough for preschooler to use

- Virtual presence at minimal cost
- Other applications include home security, family care, social gaming