



Mission Simulation Facility (MSF)



■ Status Report Connection

■ Isanic Bob Flucci
Is IBM and Michael Jackson

■ ISS Bulk
Orbital Mass Redundancy
\$ 8.8m
■ ISL Synchronization

K9 Workshop
19.11



Mission

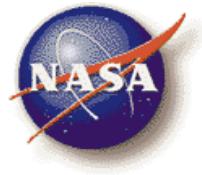


Supports orbital
satellite operations
robust
systems

Supports satellite
operations systems
robust mission
systems

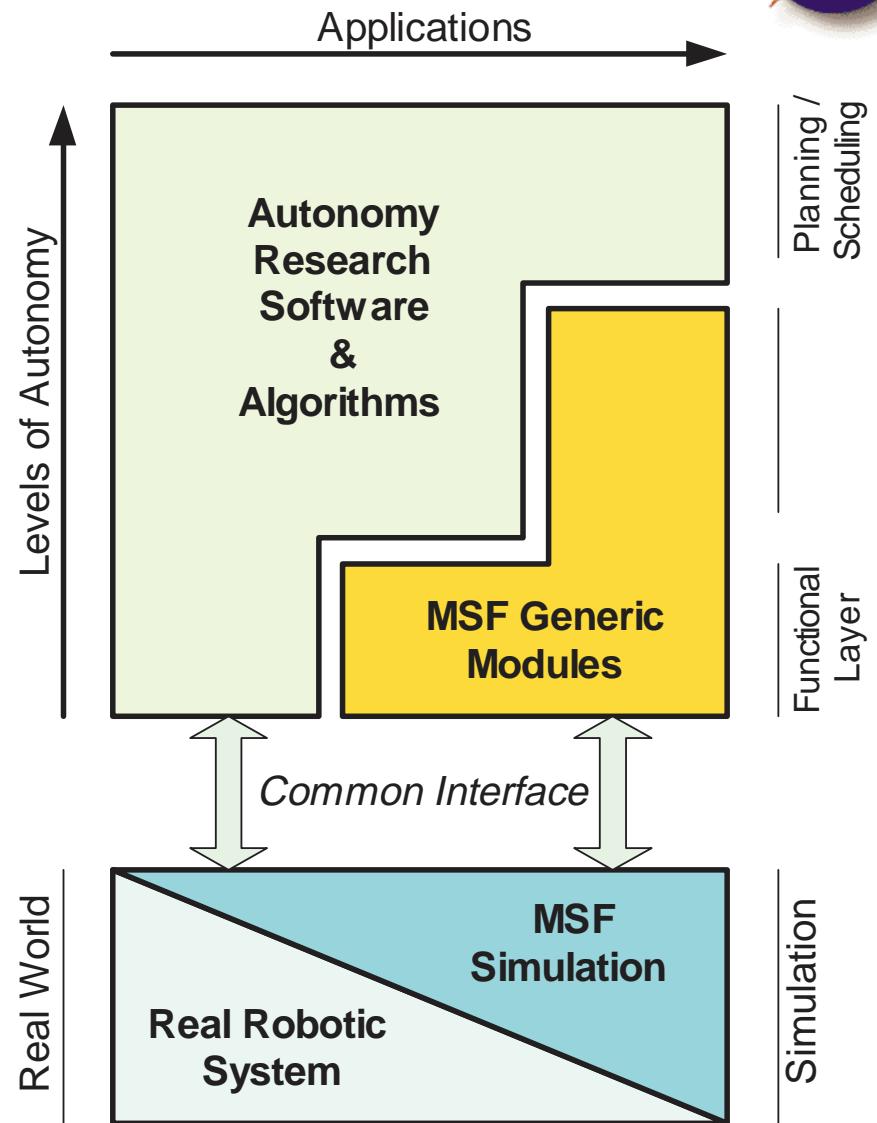


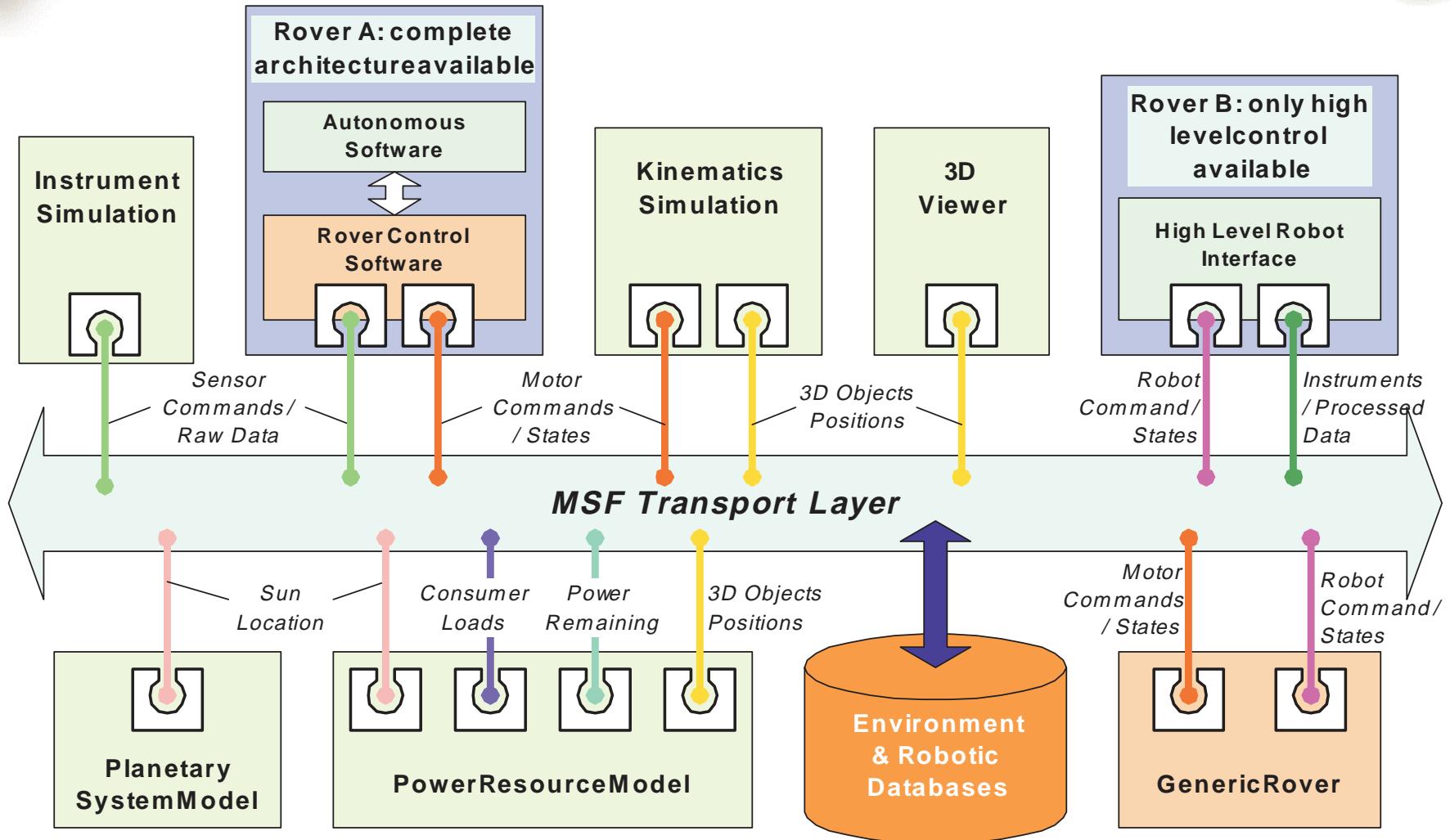
oals



- ♦ **hol** **sotaamb** **br h**
opb **o**
- ♦ **h** **asy intation** **o**
bosd h
- ♦ **ll** **asily fnsi** **bpprob**
pbrs **rb**
- ♦ **h** **intandility** **ohh**
shpos
- ♦ **ll** **istuta** **b fhal** **lops**
- ♦ **hol** **ayin** **o simulation** **ity**
- ♦ **hol** **midation ht** **br bb**
sohho **bb**

- ◆ **obstacles**
free space
rods
rods
- ◆ **thrusters**
thruster force
velocity
- ◆ **robot**
robot
object







baMa™imIn™



- ◆ **sbII** **sbIIpI**
 sbIIbII sbIIbII

 sbIIbII **sbII**
 sbIIbII sbIIbII
 sbIIbII sbII
 sbIIbII sbII

 sbIII **b II**
 sbIIbIIborsbIIbII
 b III oIIbopsI

 sbIII **III**
 prospects sII
 professIbII





Bright Ideas



- ◆ **Is problems solved
solved**
III
IIII
- ◆ **Is does it help**
doI
I does it help
- ◆ **Is does it help
I does it help**
I does it help
I does it help
- ◆ **I do it myself**
I know it
I know it

s help



IS Collaborators



Local ISPs

- ◆ **AT&T**
- ◆ **Broadband**
- ◆ **Charter**
- ◆ **Comcast**
- ◆ **EarthLink**

IBBs

- ◆ **AT&T**
- ◆ **Charter**



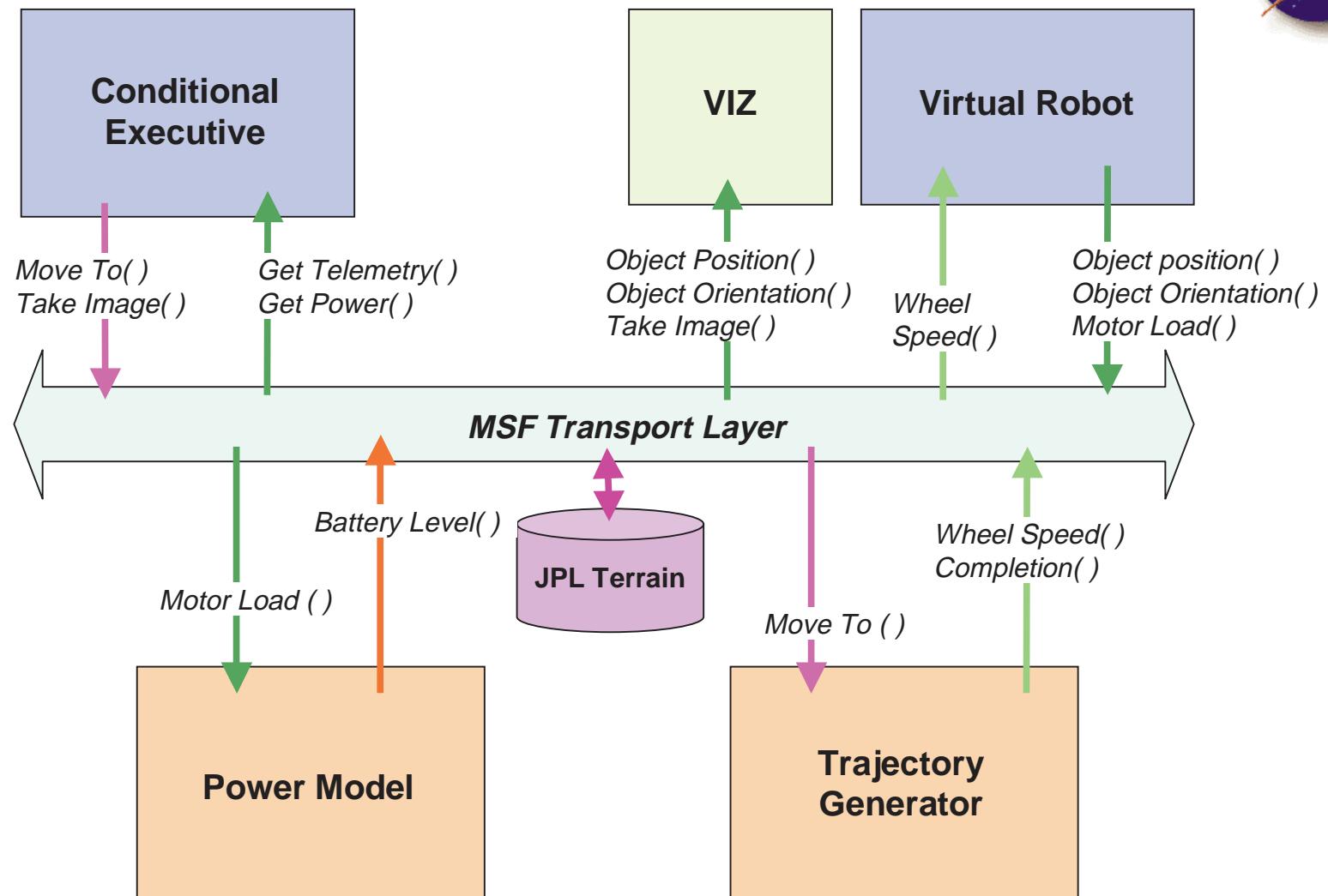
Collaborations



- ♦ **K** **k**
b **p** **b** **p**
- ♦ **b** **b** **b** **b**
- ♦ **h** **h**
s **s** **s**
- ♦ **H** **b** **p** **b** **p**
s **b** **r** **o** **p** **b** **p**



MSF May Initial Bas



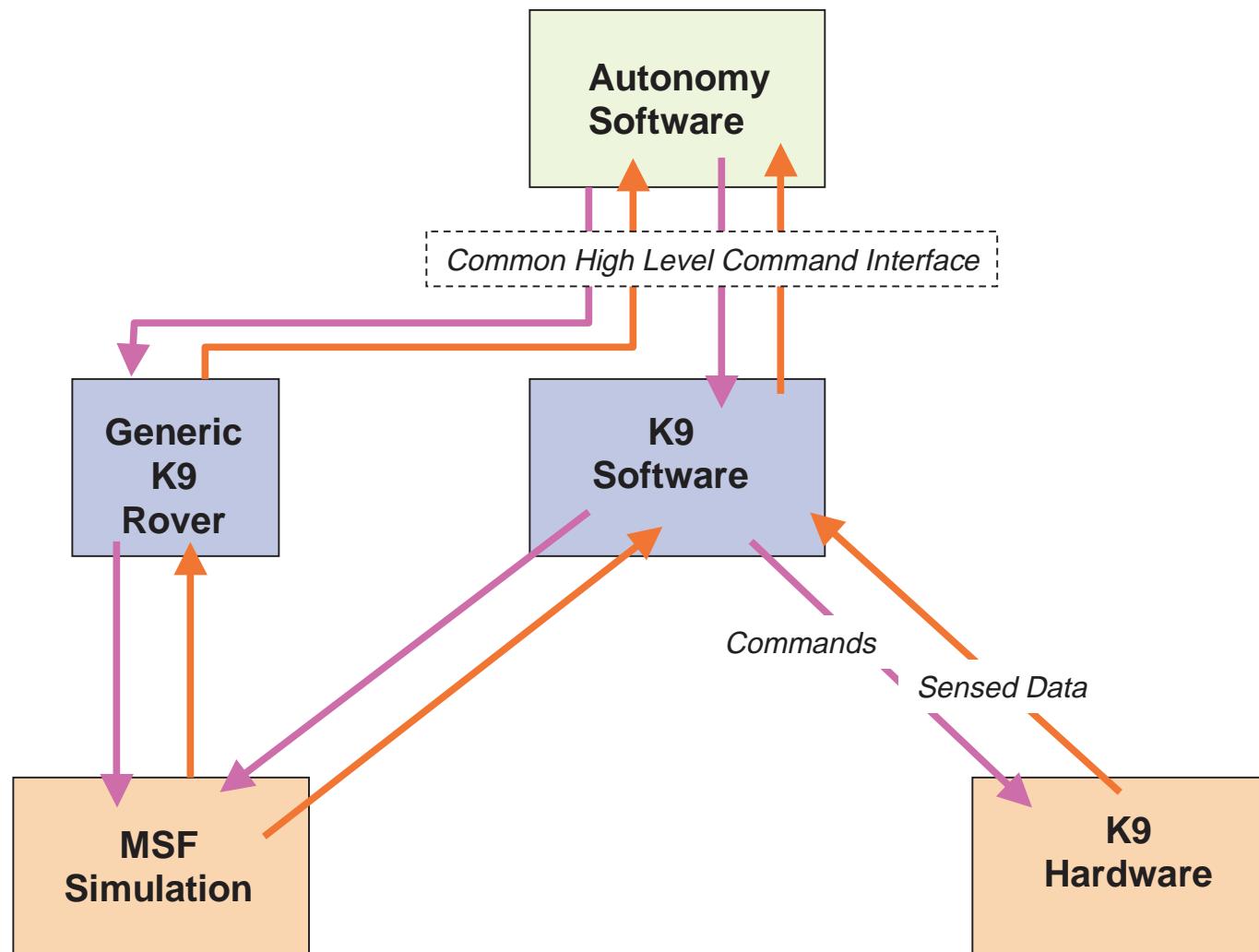


bots tMSF it in



- ♦ Helped robbie build K9
- ♦ Helped K9 solve
should be as he
helped prod
- ♦ Helped prod K9
rob him self

MSF Interaction





MSF Intentions



- ♦ Work K9 bbb robots &
bbb bbbb
bbb
- ♦ Is bbbb b
K9 rob
- ♦ bbb sbbb
robbbb