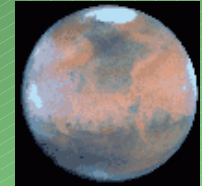
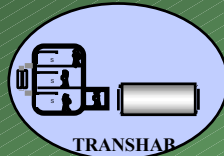


RoadMap



AUTONOMOUS ELECTRONIC SENSORS

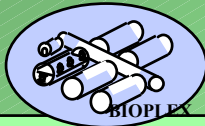
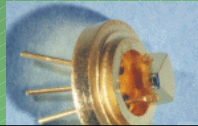
Testing new technologies on selected atmospheric contaminants and constituents
 Real-time monitoring during ground and flight

INTEGRATED NETWORK OF AUTONOMOUS SENSORS

Multiple sensors functioning separately or as system
 Chemical and Biological monitoring
 Human and Plant habitats
 Optimal predictive capabilities using Advanced modeling and control

INTEGRATION OF MONITORING AND CONTROL

Complete integration of monitoring and control
 Real time data analysis using neural networks



PHYSIOLOGICAL MONITORING

LIFE SUPPORT SYSTEM TOXIC CHEM HAZARD DETECTION MICROBIAL MONITORING

HUMAN FACTORS

New Millenium

Planetary Protection

Astrobiology

Lab in a teacup

Leveraging from Space Science