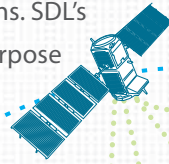


# GROUND SEGMENT SOLUTIONS

SDL is a one-stop-shop for overhead and airborne ground systems and specializes in agile and flexible customized solutions. SDL's solutions are Government owned with Government purpose rights. SDL has the facilities and staff to provide both unclassified and classified solutions.



## MISSION PLANNING

- Schedule generation & management
- Task management
- Mission analysis
- Mission plan generation

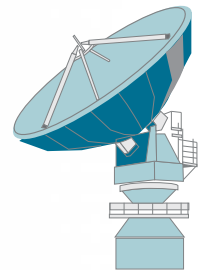
## COMMAND AND CONTROL

- State management
- Command generation
- Telemetry processing & visualization
- Front-end processing
- Schedule execution



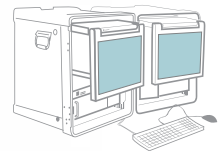
## GROUND TERMINALS

- Uplink/downlink data
- Schedule resources
- Configure system assets
- Determine system status



## DATA SERVICES

- Processing, exploitation & dissemination
- Archive
- Fault-tolerant database
- Data fusion
- Open, extensible plug-in framework
- Horizontally scalable architecture
- Plug-in chains distributed across processing nodes run in real time



## STANDARD COMPLIANT SOLUTIONS

- GMSEC
- CCSDS
- NITF 2.1
- HDF5
- MISB



**Space Dynamics**  
LABORATORY  
Utah State University Research Foundation