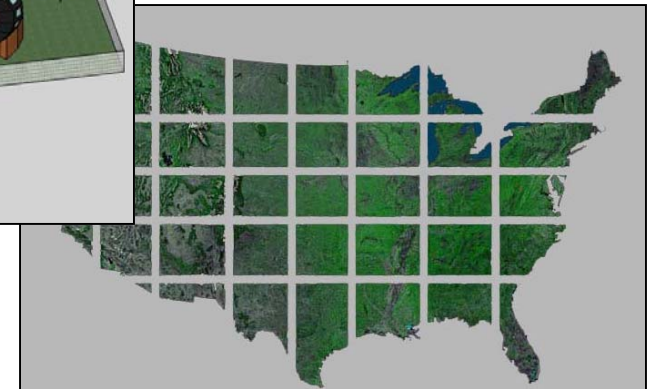
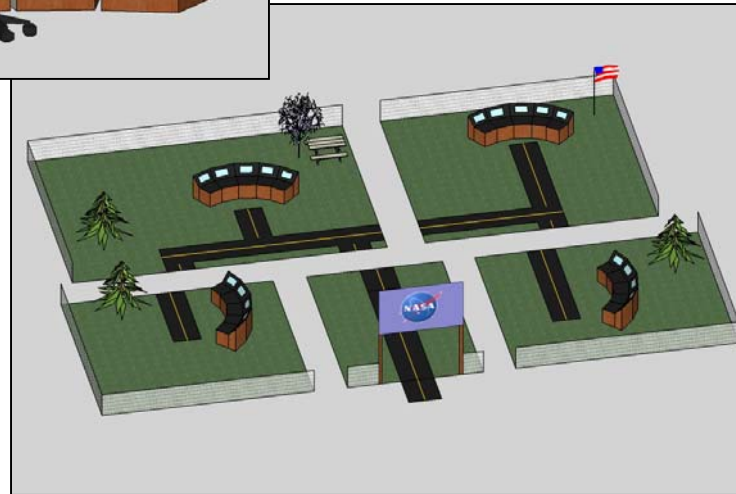


Components, Frameworks, and Web/Grid Services for Ground Systems



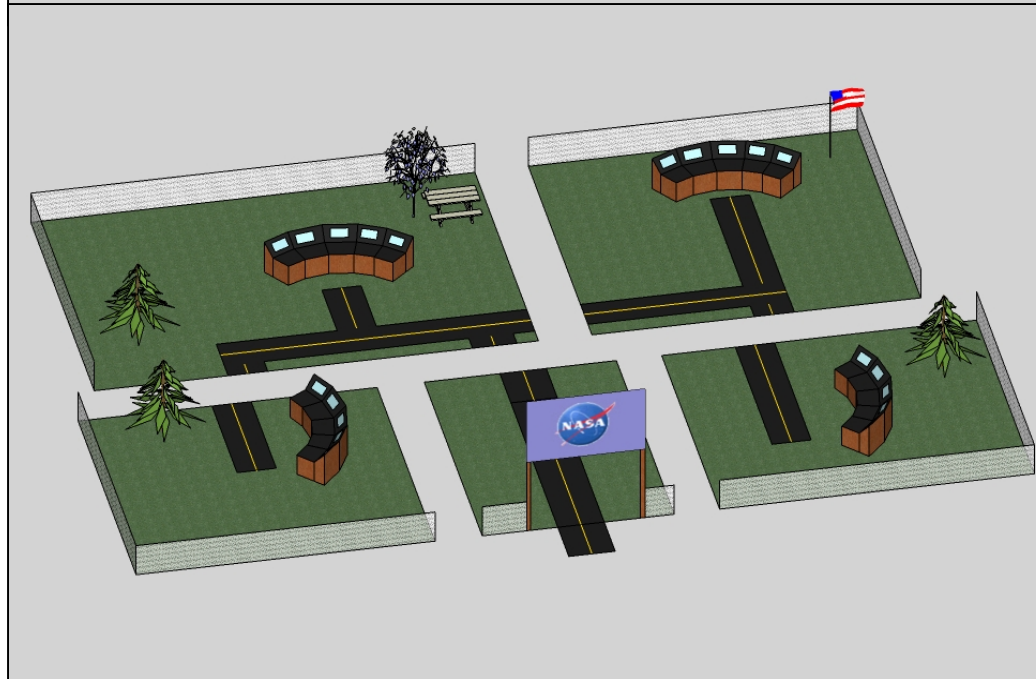
- Speeding development
- Crossing boundaries
- Enabling collaboration





MOC Components

- Modular operations components using domain standards
- Component integration with little/no effort
 - Reduced integration time
- System extensible at minimum expense
- Minimal effort to replace components
 - Avoids vendor lockout
 - Supports planned obsolescence
- Highly reusable



MOCs as Components

- Provides services over network
 - Breaks down stovepipe barriers
 - Crosses administrative domains
 - Supports federated missions, virtual fleets, and distributed applications
- Provides security as part of infrastructure
- Replaces concept of centralized responsibility



MOC Grid Services

- System dispersed through many multi-purpose nodes
 - Massively parallel
 - On demand scalability
 - Highly reliable
- Administration services provided in tandem with functional services
 - Operational parameters controlled by administrator
 - Simple “upload once” deployment
 - Provides full accounting
- Faster development
 - Simple programming model
 - New services can leverage, but not affect, existing services