Data definition			
Data Package	Messages	Data Type	
terrainMissionParameters			
	density	double	
	accelerationDueToGravity	double	
launcherMissionParameters			
	pilots	unsigned short int	
	timeToLaunchSec	unsigned short int	
stateDataParameters			
	currentState	enum	
	-	NON_CONFIGURED	0
	-	CONFIGURED	1
	-	READY	2
	-	LAUNCH	3
	-	RETURN	4
	-	SHUTDOWN	5
rocketDataParameters			
	mass	double	
	dragAxisX	double	
	dragAxisY	double	
	horiCrossSectArea	double	
	vertCrossSectArea	double	
	thrust	double	
	burnTime	double	
	flowRate	double	
	angleOfLaunch	float	
algoData			
	positionAxisX	double	
	positionAxisY	double	
	angleOfDirection	double	
	timeMilliSec	unsigned short int	
2dMapData			
-range 0maxEntries	mapXAxis	Unsigned short int	
	mapYAxis	double	
manufination-			
maxEntries	unsigned int		

		Console		
	Inputs		Outputs	
User inputs	terrainMissionParameters>		terrainMissionParameters>	Socket Outputs
-	launcherMissionParameters>		launcherMissionParameters>	-
-	rocketDataParameters>		rocketDataParameters>	-
-	stateDataParameters>		stateDataParameters>	-
		Controller		
	Inputs		Outputs	
Socket Inputs	terrainMissionParameters>		terrainMissionParameters>	Socket Outputs
-	launcherMissionParameters>		launcherMissionParameters>	
_	rocketDataParameters>		rocketDataParameters>	_
_	stateDataParameters>		stateDataParameters>	_
API	algoData>		algoData>	API
API	2dMapData>		2dMapData>	
		Land Algorithm		
	Inputs		Outputs	
API	algoData>		landingPoint	> Print Output
		Flimbt Almanishus		
		Flight Algorithm	Outroits	
Cooleat Inc. etc	Inputs		Outputs	Caalaat Outauta
Socket Inputs	terrainMissionParameters>		algoData>	Socket Outputs
-	launcherMissionParameters>			
-	rocketDataParameters>			
-	stateDataParameters>			
		2D Map		
	Inputs	25 11145	Outputs	
API	maxEntries>			API