Space Technology

Space Manufacturing

Cluster		1 Com/Nav Satellites	2 Earth Observation Satellites	3 Scientific Satellites	4 Deep Space Satellites	5 CubeSats	6 Robotic Systems	7 Specialized Payloads/Instruments	8 Supporting Structures	9 Expandable Structures	10 Deployment/Retrieval Systems	11 Thermal Insulation	12 Satellite Navigation Devices	13 Motion Control Systems	14 RF/Microwave Devices	15 On-board Processors	16 Digital Communication Devices	17 Spacecraft Software	18 Reflector Antennas	19 Phased-Array Antennas	20 Helical Antennas	21 Mechanism Components	22 Mechanical Parts	23 Electrical/Electronic Components	24 Metal Components	25 Surface Coatings	26 Composite Structures
Company	ASIA COMPOSITE MATERIALS (THAILAND)Co., Ltd																										
Company	BTS TOOLS MANUFACTURING (THAILAND) Co., Ltd																										
Company	CHROMALLOY (THAILAND) Co., Ltd																										
Company	CNC TECH Co., Ltd																										
Company	ASTROBERRY Co., Ltd		■	■														■									
Company	Asia Precision Co., Ltd								■	■																	
Company	FABRINET Co., Ltd																										
Company	SATYS ELECTRIC (THAILAND) Co., Ltd																										
Company	THALES (THAILAND) LTD.																										
Company	TOP ENGINEERING CORPORATION CCo., Ltd																										
Company	Aeroworks Composites (Asia) Ltd.								■	■												■	■		■	■	■
Company	Carbon Magic (Thailand) Co., Ltd.								■	■												■	■				■
Company	CCS Advance tech co.ltd.								■	■												■	■				
Company	Cherrytech Group															■											
Company	Ducommun Technologies (Thailand) Co., Ltd								■													■	■		■	■	
Company	Gravitech Thai (Thailand) Co., Ltd.															■											
Company	Jinpao Precision Industry Co.,Ltd.								■	■						■						■	■	■	■	■	
Company	Lenso Aerospace Co., Ltd								■	■												■	■				
Company	Micromatics Co., Ltd								■	■												■	■				
Company	Senior Aerospace (Thailand) Co.,Ltd								■	■												■	■		■		
Company	Synergy Technology. Co., Ltd.															■											
Company	QARBON AEROSPACE (THAILAND) LTD.								■	■												■	■				■
Company	Benchmark Electronics (Thailand) PCL.														■	■											
Company	Planet Communications Asia Plc.																										
Company	Platt Nera International Limited																										
Company	R V Connex Co..Ltd.		■						■	■					■	■						■	■				
Company	SSC Space (Thailand) Co.,Ltd.																	■									
Company	STARS Microelectronics (Thailand) Public Co., Ltd.														■	■				■							
Company	Thaicom Public Co..Ltd.	■																									
Education	Thai - Austrian Technical College						■							■	■		■					■	■	■			
Education	Chulalongkorn University																										
Education	Kasetsart University																										
Education	Suranaree University of Technology																										
Education	Assumption University																										
Education	King Mongkut's University of Technology North Bangkok (KMUTNB)																										
Education	Burapha University																										
Education	King Mongkut's Institute of Technology Ladkrabang (KMITL)																										
Education	Thammasat University																										
Government	The Civil Aviation Authority of Thailand (CAAT)																										
Government	National Broadcasting and Telecommunication Commission (NBTC)																										
Government	Thai Aviation Industries Co.,Ltd. (TAI)																										
Government	Royal Thai Air Force (RTAF)																										
Government	National Astronomical Research Institute of Thailand (NARIT)																										
Government	National Telecom Public Company Limited (NT)																										
Government	National Innovation Agency (NIA)																										
Government	Thailand Board of Investment (BOI)																										
Government	National Defense Technology Institute (DTI)																										
Government	Geo-Informatics and Space Technology Development Agency (GISTDA)																										
Startup	NB Space																										
Startup	Irissar					■																					
Startup	Bright Integration Technology																										
Startup	Plus IT Solution																										
Startup	KAORAI Business Solutions																										
Startup	Delvaerospace																										
Startup	i-bitz Company Limited																										
Startup	LEET Intelligence																										
Startup	RecalT (Thailand)																										
Startup	EmOne			■	■		■																■				
Startup	Mu Space and Advanced Technology		■	■			■	■										■									

Satellite operations and services

Cluster		27 On-orbit operations	28 Mission planning	29 Payload operations	30 Telemetry, tracking, and command (TT&C)	31 Data management and analysis	32 Mission control center (MCC)	33 Satellite anomaly resolution	34 Ground Control Centers	35 Payload Control Centers	36 Ground Stations	37 Antenna Systems	38 RF Equipment	39 Ground Station Baseband Equipment	40 Ground Station Monitoring and Control Systems	41 Ground System Control Software	42 Orbit Determination Software	43 Spacecraft/Payload/Ground Segment Simulators	44 Mission Analysis Software	45 Ground Segment Infrastructure	46 Payload Operations Applications	47 Ground Support Equipment	48 Spacecraft Operations and Maintenance	49 Ground System Software Engineering	50 Ground System Services	51 Ground System Operations
Company	ASIA COMPOSITE MATERIALS (THAILAND)Co., Ltd																									
Company	BTS TOOLS MANUFACTURING (THAILAND) Co., Ltd																									
Company	CHROMALLOY (THAILAND) Co., Ltd																									
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Company	Thaicom Public Co..Ltd.												■													
Education	Thai - Austrian Technical College										■								■		■		■		■	
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Startup	EmOne		■	■	■																					
Startup	Mu Space and Advanced Technology																									

Space Application & services

Cluster		52 Internet Services	53 TV Services	54 Phone Services	55 Radio Services	56 Machine-to-Machine (M2M) Services	57 VSAT (Very Small Aperture Terminal) Services	58 Disaster Recovery Services	59 Remote Sensing Services	60 Navigation Services	61 Satellite-based Meteorology Services	62 Satellite Imaging Services	63 Weather information	64 RF (Radio Frequency) data	65 Visual data	66 Orbital transfer services	67 In-orbit testing and validation services	68 Hosted payload services	69 Teleportation services	70 Satellite internet services	71 Communication services (including secure and resilient communication)	72 Emergency and disaster management services	73 Electronic health and telemedicine services	74 Flood management services	75 Land and forest monitoring services	76 Change detection services	77 Monitoring of atmospheric parameters	78 Biomass monitoring services	79 Crop monitoring services	80 Renewable energy monitoring services	81 Security applications and services	82 Maritime surveillance services	83 Transport of hazardous materials	84 Tourist and leisure applications and services	85 Media applications and services	86 Applications and services for steel and banking industries	87 Location-based services and applications	88 Smart grid services	89 Sensor network services
Company	ASIA COMPOSITE MATERIALS (THAILAND)Co., Ltd																																						
Company	BTS TOOLS MANUFACTURING (THAILAND) Co., Ltd																																						
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Space Related Business

Cluster		90 media	91 Finance	92 Consult
Company	ASIA COMPOSITE MATERIALS (THAILAND)Co., Ltd			
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Company	CHROMALLOY (THAILAND) Co., Ltd			
Company	CNC TECH Co., Ltd			
Company	ASTROBERRY Co., Ltd			
Company	Asia Precision Co., Ltd			
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