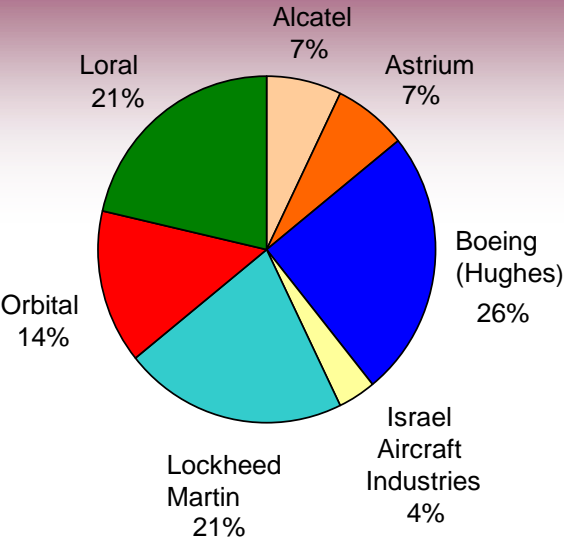




FUTRON SATELLITE MANUFACTURING REPORT

January 2002

2001 Commercial GEO Communications Satellite Orders, by Manufacturer

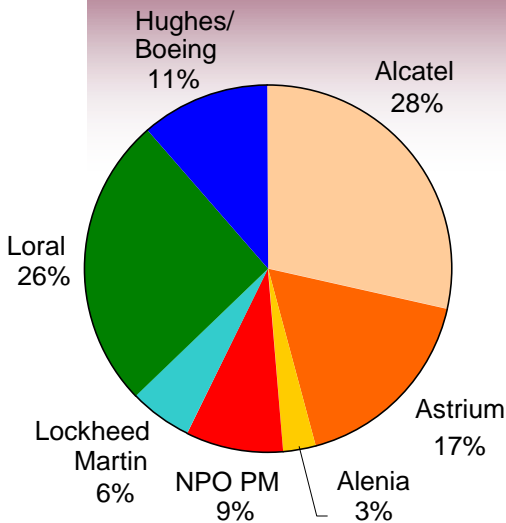


Commercial GEO Communications Satellite Manufacturer	Announced Orders	Satellite Name(s)
Alcatel	2*	StarOne, Apstar VB
Astrium	2	Eutelsat W3A, Amazonas
Boeing (Hughes)	7	E Bird, Galaxy VIII R, NSS 8, Horizons, Hellesat (2)**, Superbird 6
Israel Aircraft Industries	1	Amos 2
Lockheed Martin	6	Cablevision, Nimiq 2, GE 10, GE 11, GE 18, Alpha Space Com**
Orbital	4	Panamsat C-Band (3), Bsat 2C
Space Systems/Loral	6	Apstar V, Telstar 9, DirecTV 7S, Hisdesat (2), MBC
Total Orders	28	

*GE Americom's order for 3 satellites was canceled.

** Order is unconfirmed.

2000 Commercial GEO Communications Satellite Orders, by Manufacturer



Commercial GEO Communications Satellite Manufacturer	Announced Orders
Alcatel Space	10
Astrium	6
Alenia Spazio	1
NPO PM (NPO Prikladnoy Mekhaniki)	3
Lockheed Martin Commercial Space Systems	2
Space Systems/Loral	9
Hughes/Boeing	4
Total 2000 Orders	35

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