



Satellite System Technologies

About Cimarron Systems

Cimarron Systems, LLC is an engineering company with expertise designing, implementing, and integrating end-to-end satellite-based communication systems. The company offers development services that include:

- End-to-end system analysis;
- System design from requirements validation to implementation; and
- System integration, testing, and deployment.

Whatever your needs, Cimarron Systems has the broad expertise required to cost-effectively provide the solution that best fits your precise requirements.

Satellite Networks

Cimarron Systems has experience with advanced satellite system applications and architectures including:

- Digital data and telephony:
 - C/Ku-band MCPC broadband networks
 - C/Ku-band SCPC VSAT networks
 - DOD UHF SATCOM
- Satellite television systems:
 - DirecTV
 - EchoStar
 - HITS

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In addition, the company has in-depth experience developing technical solutions for satellite networks using the following technologies:

- Variable rate, high-speed BPSK/QPSK/OQPSK modem sets operating from 75 to 45 Mbps per channel.
- Content distribution systems including MPEG-2/4 video/audio compression systems with input pre-processing, output multiplexing, modulation, up-conversion, and transmit/receive antennas.
- Voice compression technology/algorithms including PCM, ADPCM, RELP, and others.

- Advanced C/Ku-band uplink and downlink designs.



Partial List of Clients

A partial list of clients is:

- AT&T Broadband
- Rainbow DBS
- On Command
- Radyne ComStream
- Tandberg TV
- Vidiom Systems

How We Work

Cimarron Systems believes in using a systematic approach in order to meet our client's specific needs. During our initial contact we confidentially gather information concerning project scope, key issues, expected results, and timeline for completion. If the company can perform the assignment, a project proposal that includes requirements, task descriptions, and estimated schedule and costs will be provided.

Please Contact Us

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