



iTV System Technologies

About Cimarron Systems

Cimarron Systems, LLC is an engineering company focused on the development of key technologies for the U.S cable interactive television market. The company offers development services that include:

- End-to-end system analysis, design, and planning for cable infrastructure upgrades; and
- Integration, testing, and deployment of key system components.

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

System Component Technologies

Cimarron Systems has in-depth experience with a number of advanced cable network architectures including:

- Motorola and Scientific-Atlanta broadband cable system architectures including their CAS, VOD, DVR, EPG, and back office solutions.
- OpenCable system architecture including the Host Device, CableCARD, copy protection system, device certificates, and OCAP system infrastructure.
- DOCSIS, DSG, and other IP network system architectures.

In addition, the company has experience developing iTV networks using the following technologies:

- Subscriber Management Systems (SMS) from CSG Systems, Convergys, and others.
- Conditional Access Systems (CAS) including Motorola DigiCable, Scientific-Atlanta PowerKey, NDS VideoGuard, and others.
- VOD content management, storage, and streaming systems from SeaChange, Tandberg TV, C-COR, and others.
- MPEG-2/4 video/audio compression systems, output multiplexing, modulation, up-conversion, and forward/reverse path out-of-band channel infrastructure from

Motorola, Scientific-Atlanta, Harmonic, and others.

- IP network equipment from Cisco, Arris, and others in addition to cable modems from Toshiba, Thomson, Samsung, and a number of others.
- Set-top devices from Motorola, Scientific-Atlanta, Panasonic, Pace, Samsung, Digeo, and others.
- Critical network facilities, for example, network operation centers with satellite uplink, downlink, and WAN terminations; master cable headends with satellite, terrestrial, and fiber content feeds, back office, and customer care centers.



Partial List of Clients

A partial list of clients is:

- AT&T Broadband
- Charter Communications
- Rogers Communications
- Tandberg TV
- Vidiom Systems
- Digeo

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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