



Successful Installations

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| <ul style="list-style-type: none"> Connecticut DOT • New York DOT • TBTA, New York City • Virginia DOT • North Carolina DOT • South Carolina DOT • Florida DOT | <ul style="list-style-type: none"> Missouri DOT • Illinois DOT • Colorado DOT • City of Phoenix Airport Authority • I-580 Smart Corridor City of Pleasanton, CA • CALTRANS |
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Products

Video Encoders and Decoders

- ☞ MPEG-1, 2 algorithms, MPEG- 4 algorithm
- ☞ Ethernet 10/100BaseT, unicast/multicast
- ☞ DS1, multiple DS1s, or fractional (nx64 Kbps), internal DSU/CSU
- ☞ Simultaneous dual stream encoding
- ☞ Multiple serial data channel transport for PTZ or other serial communications, protocol independent
- ☞ Variable H&V resolution and FPS for optimum video for a given bandwidth
- ☞ End-to-end latency of <200 msec
- ☞ 2 serial data channels
- ☞ TCP/IP configured using SNMP, Web, Telnet, and Craft Port managed
- ☞ Stand-alone and rackmount chassis-based versions
- ☞ Software MPEG-2 decoder. Software MPEG-4 decoder
- ☞ Auto loopback feature for troubleshooting data ports
- ☞ Contact closure/alarming
- ☞ On-screen display for text, date, time, logo on video stream
- ☞ Firmware upgradeable to future algorithm
- ☞ JPEG frames capture
- ☞ Closed captioning
- ☞ Bidirectional audio

For additional information, contact

Asha Kamath
 6800 Versar Center
 Springfield, VA 22151
 Main: 703.658.3400
 Direct: 703.658.7924
 Cell: 703.628.3733
 a.kamath@cornet.com
 www.cornet.com

ISO-9001:2000 registered

Software and other Services

- ☞ Integrated CCTV control software for all Cornet Technology products
- ☞ API available to manage Cornet Technology equipment by other ITS network management systems
- ☞ Extensive technical expertise in systems installation and design of ITS systems

Analog Video Switches

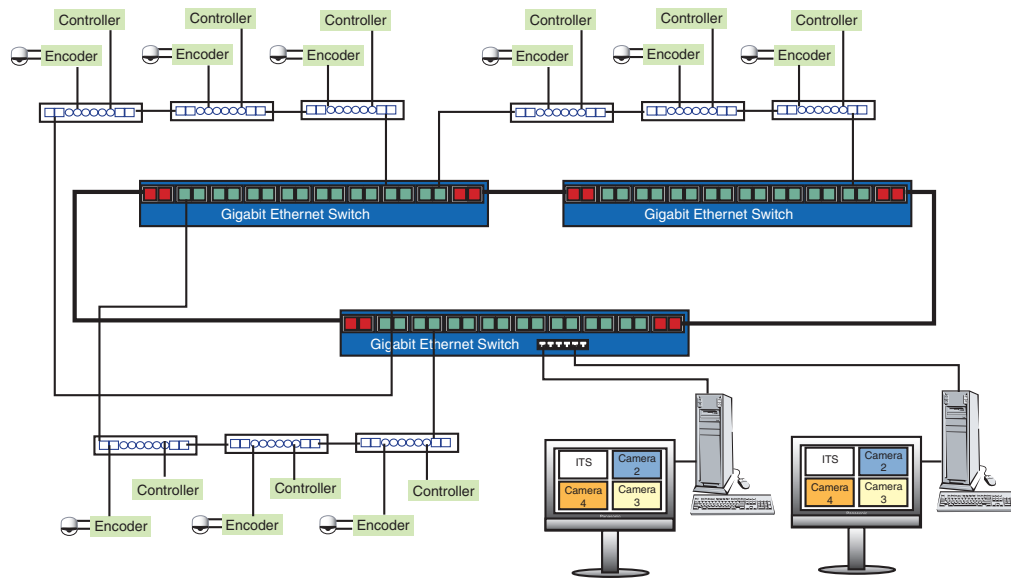
- ☞ Port count from 16x16 to 1024x1024
- ☞ Excellent video transfer characteristics
- ☞ SNMP control (10/100BaseT Ethernet)
- ☞ Field deployable (ruggedized) version available
- ☞ Highly space efficient
- ☞ Adaptation to NTCIP or proprietary CCT protocol offered

SONET Equipment

- ☞ Fully compliant to current SONET Standards
- ☞ Interfaces include DS1, DS3, OC-3, OC-12
- ☞ DS1 multiplexer with voice, low speed data channels, and nx64 Kbps
- ☞ State-of-the-art technology, easy to upgrade via firmware/software
- ☞ Highly space efficient and reliable



ITS Architecture Trend



Ethernet/IP-based Video Transport and Switching

Services

- **System Design**
- **Installation, Integration, and Test Management**
- **Customized Control Software**
- **Documentation and Training**
- **Technical Support and Maintenance**

