

Sprint CALEA Delivery System
Product Release
(rev. 6.5.02)

In accordance with CALEA, Sprint has been working aggressively to deliver local, state and federal law enforcement agencies surveillance data from throughout its network. Currently, Sprint PCS is nearly 60% CALEA compliant. It is expected to be completed by August/September 2002.

In order to accommodate law enforcement needs to access their J-STD-025 messages, Sprint has developed the Sprint CALEA Delivery System (CDS). Located in Lee's Summit, Missouri, the CDS was developed to access all Sprint internal wireless and wireline networks. It's sole purpose is to provide law enforcement a single point of access to their surveillance data regardless of the Sprint product or target's geographic location.

Sprint CALEA Delivery System

J-STD-025 Delivery Options

Sprint allows for two methods of obtaining surveillance data from the Sprint CALEA Delivery System:

Secure Virtual Private Network (VPN)

Sprint CALEA IP VPN product suite offers law enforcement a cost-effective and flexible access solution that matches the security of a private line. Please allow 30 days for VPN Delivery

Fully Managed VPN connectivity

Customer Managed IP VPN service

Fully Managed CALEA IP VPN Service

Sprint provides an industry leading, comprehensive IP VPN Solution using innovative technology and expert support. We implement your IP VPN solution and deliver real results:

IP VPN technology provides you with a high quality, secure data networking solution.

Sprint provides everything you need with industry-best connectivity options and management.

Sprint delivers the highest levels of security experience and management services.

Sprint's Managed IP VPN solution is designed to meet the needs of any law enforcement agency, whether or not they have any existing network infrastructure or expertise. Sprint will provide, configure, and manage a complete solution.

The standard IP VPN implementation will have the following components:

Nortel Networks Contivity 600 IP VPN hardware to purchase or lease.

Optional V.35 (T1) WAN Interface on Contivity for a direct Internet connection
Hardware installation, configuration, and maintenance

24x365 Contivity device monitoring and management

Sprint can also provide dedicated internet access.

Requirements

Internet access must be dedicated. No dial-up access allowed.
The Contivity 600 must have 2 public routable IP addresses.
The Collection Device must have a public routable IP address.

PROS:

Fully managed by Sprint on a proactive basis.
A single point of contact for all troubleshooting issues.
Immediate response and customer support.
Available security expertise.
Top grade connection reliability.
Sprint can also manage any other tunnels on that Contivity device if desired.
Fully secure connection. Undetectable from any outside snooping.

CONS:

More expensive than the Customer Managed IP VPN Service.

Customer Managed IP VPN Service

Many law enforcement agencies may already own a Nortel Contivity device for their CALEA access and have the technical expertise available to provide local management. Sprint offers support of a "co-managed" environment where Sprint will maintain and operate the Sprint CDS environment while law enforcement will own and maintain it's equipment.

Requirements

Law Enforcement must own a Nortel Contivity VPN device.
Internet access must be dedicated. No dial-up access allowed.
The Collection Device must have a public routable IP address.

PROS:

Less expensive
Full customer control of their network and VPN environment.
Fully secure connection.

CONS:

Higher risk of outage due to configuration errors of other law enforcement VPN devices.

Sprint troubleshooting capabilities restricted to one-half of the VPN tunnel.

To ORDER Sprint CALEA IP VPN: Ask for CALEA IP VPN

NOTE: Please allow 30 Days for Sprint VPN Delivery

Call Stephen Grimm at 913-315-7682

Private Line Circuit

Sprint recognizes that some law enforcement agencies will want their own dedicated circuit for their surveillance activities. As a result, Sprint will allow the following circuits to be terminated at the Lee's Summit Data Center facility:

Maximum: T1
Minimum: Frame Relay (56k minimum. It is recommended for 128K or higher)

**Note: No ISDN circuits allowed.

Terminating Circuit Equipment

Due to space and management limitations, Sprint can only allow the following equipment in the Lee's Summit Data Center circuit room:

A rack-mountable Cisco 26xx router that is no more than 1 unit high with an internal CSU/DSU modem card.

Please Note: Space at the Lee's Summit Data Center is limited. As a result, rack space is at a first-come-first-serve basis. Prior to ordering a circuit, please contact Corporate Security.

Equipment Management

Since the Sprint CALEA Delivery System is located at the very core of Sprint's network, law enforcement will not be allowed access to any of their terminating circuit equipment (router). As a result, Sprint will allow two environments for managing the law enforcement routers:

Law Enforcement Managed

All law enforcement owned equipment must be pre-configured and shipped to the Lee's Summit Data Center.

Sprint will only be responsible for providing power, rack mounting and plugging in network cables to the router.

Sprint will not manage this equipment or the corresponding circuit. In the event of a failure, it is strictly the responsibility of law enforcement to provide a response.

In the event of a failure, Sprint will only provide troubleshooting capabilities to the last element of the shared Sprint network.

It is the responsibility of law enforcement to take the necessary security precautions for their own network(s).

For hands-on management, Sprint will ship the equipment in law enforcement provided boxes to whatever location law enforcement determines. Law enforcement must use only publicly routable IP addressing. No private addresses will be used.

Vendor Managed

Many law enforcement agencies may find it difficult to manage their own equipment at the Lee's Summit Data Center. Sprint offers the services of three long and trusted vendors that have assisted Sprint in many critical network projects. A Sprint-approved vendor will have the ability to:

Get escorted access to the law enforcement equipment at the Lee's Summit Data Center.

Provide 7x24 response to all access failure events.

Pro-actively monitor the end-to-end health of the law enforcement connection. Assist in any other networking or security needs.

Please review the attached pamphlets provided by the approved vendors:

Sprint:	904-363-7538
Tri-Tek	314-275-7900
Getronics	978-858-6083
Netcadence	913-451-6999

Note: Sprint does not have any business arrangements with any of the approved vendors for this CALEA project. Any services, pricing or other agreements are strictly between the law enforcement agency and their selected vendor.

SINS

The Sprint Integrated Network Surveillance (SINS) solution will continue to provide those law enforcement agencies that have yet to install a CALEA solution. Data from a CALEA compliant Sprint switch may look a bit different, but it will still be available for a limited time via a dial-up or internet connection.

Please note: The SINS environment will be retired by the 4th Quarter of 2002. All law enforcement agencies requiring surveillance from Sprint must convert to the CALEA compliant equipment to receive electronic surveillance data.

Sprint will provide law enforcement 60 days notice prior to shutting down SINS.

Audio Delivery Options

Sprint will not allow dedicated lines to any of its switching facilities. For ease of use and a true cost reduction solution, Sprint will automatically dial any validated law enforcement phone number in the North American dial plan for each Title III surveillance.

In anticipation, each Title III demand must come with a dialed number to send the audio and a request for either a combined or separated calling party audio channel delivery. Failure to provide such information can only result in delayed surveillance provisioning.

Questions?

Call Sprint Corporate Security at 800-877-7330 Option 2, Option 2, Option 4

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