



ATIS-0300260.1998(\$2018)

**Operations, Administration, Maintenance, and Provisioning
(OAM&P) – Extension to Generic Network Information
Model for Interfaces between Network Elements and a
Service Provider Administrative System Associated with
Lawfully Authorized Electronic Surveillance**

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American National Standard
for Telecommunications –

Operations, Administration, Maintenance,
and Provisioning (OAM&P) –
Extension to Generic Network Information Model for
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Provider Administrative System Associated with Lawfully
Authorized Electronic Surveillance

1 Scope, Purpose, and Field of Application

1.1 General

This standard defines the logical and physical interfaces between a Telecommunications Service Provider (TSP) network and Telecommunications Service Provider administrative system to support Lawfully Authorized Electronic Surveillance (LAES). The intent of the surveillance services and the signaling protocol is to satisfy compliance with the assistance capability aspects of Public Law 103-414 -- the Communications Assistance for Law Enforcement Act (CALEA).

A pre-condition for Lawfully Authorized Electronic Surveillance (LAES) is that a law enforcement agency serve a Telecommunication Service Provider with lawful authorization identifying the intercept subject, the telecommunications to be accessed, and other appropriate restrictions (e.g., service areas where the subject can be accessed). Once lawful authorization is obtained, the Service Provider shall provide the appropriate access to a subject. As used in this standard, "electronic surveillance" refers to the interception and monitoring of communications (i.e., call content), call-identifying information, or both as set forth in a court order or other legal authorization.

1.2 Scope

This standard specifies requirements and information models for the interface between Network Elements (NEs) and Service Provider Administrative Operations Systems for Law Enforcement Surveillance Management. It addresses the functionality addressed by the "a and c" reference points in J-STD-025. This standard supports subsets of configuration, fault, and security management functions required to manage access and delivery functions referenced in J-STD-025. This standard provides an information model needed to administer establishment and removal of surveillance. This standard supports a TMN Q3 interface as referenced in ANSI T1.210, T1.204, and T1.208. The following types of functionality are covered:

- Provisioning and activation or deactivation of a lawful surveillance.
- Provisioning of a lawful surveillance including the associated delivery resources.
- Ability to set up surveillance profiles (to control information provided by the lawful surveillance across the "e" interface).
- Supports secure transmission of management information for LAES operations.
- Provide event notifications for state changes of resources related to LAES.
- Ability to modify selected parameters of a lawful surveillance.