

Emergency Services Interconnection Forum (ESIF)

Emergency Services Messaging Interface Task Force (“Task Force 34”)

Contribution Title: Stage 1 and Stage 2 Requirements for Service Registration

Contribution Number: ESMI-031

Source: **intrado**[®]
 3030 Warrenville
 Fourth Floor, Room 304
 Lisle, IL 60532

Technical Contact(s):

Name: Bob Sherry
Phone: (630) 300-2838
Fax:
Email: rsherry@intrado.com

Abstract:

The CESE will be able to subscribe to services offered by the ESNNet. This contribution defines the Stage 1 and Stage 2 attributes of this registration.

Recommendation:

This part of the contribution should be included prior to Section 6.2.7, Emergency Call Event Services.

1.1.1 Service Registration Requirements

ESMI.Service_Reg.0100-0100 The CESE and RG shall implement a method upon initialization for the ESNNet to notify the CESE of available services and the CESE to accept or reject subscription to each service.

Rationale: Through a prearranged method the CESE will be authorized to subscribe to certain services. The RG will send the list of authorized services to the CESE when the CESE connects and the CESE will accept those services.

ESMI.Service_Reg.0200-0100 The ESNNet will have the capability to notify the CESE of incrementally added or deleted services and allow the CESE to respond per subscription options as appropriate.

Copyright Statement:

Each contribution or document submitted to an ATIS Forum or Committee is subject to an unlimited perpetual, non-exclusive, royalty-free, world-wide right and license to ATIS of any copyrights in such contribution or document. This license includes the right to copy, publish and distribute the contribution in any way, and to prepare derivative works that are based on or incorporate all or part of the contribution, the license to such derivative works to be of the same scope as the license of the original contribution. For further information on ATIS Intellectual Property Policy, please see Section 10 of the [ATIS Operating Procedures](#) (Version 2.0).

Rationale: There may situations where the RG sends the list of services during an active session. It may be that a service has been added or a service has transitioned to/from online.

ESMI.Service_Reg.0300-0100 The CESE shall be able to request the list of services available and reprocess service subscription.

Rationale: There maybe reasons where the CESE requires an update of the list of services available.

The following part of the contribution is the Stage 2 definition. It should be inserted prior to Section 7.1.3 Emergency Event Processing.

1.1.2 Application Services Registration

When the CESE connects with the RG, the RG will publish the list of services that the CESE is allowed to subscribe to. The CESE will then subscribe to those services. Figure 7-3 may be used to illustrate the message exchange for registration. The RG issues a Publish Available Services message with available services to the CESE and the CESE ACKs. The CESE issues a Subscribe to Available Services passing the services that it will use during this session and the RG ACKs. At any time during the application session the RG may reissue the Publish Available Services message. This message updates the service list or identifies the change of state of a specific service. The CESE will respond with a Subscribe to Available Services message.

At any time during the application session the CESE may request the identities of the available services. Figure 7-2 may be used to illustrate the message exchange for this scenario. The CESE issues a Request Available Services message and the RG ACKs. The RG then will issue the Publish Available Services message with the available services and the CESE ACKs.