

NENA 01-004

NENA Future Path Plan Compliance Report for the Evaluation of the Remote Conference Calling

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This concept has been reviewed by NENA for compliance with the NENA Future Path Plan, and has been assigned a rating of **COMPLIANT**.

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NOTICE

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NENA's Technical Committee has developed this document. Recommendations for change to this document may be submitted to:

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QUICK VIEW OF THE FIVE CRITERIA:

1. **Does it maintain or improve upon** reliability and service characteristics inherent in present E9-1-1 system design as governed by NENA’s technical standards for E9-1-1 service, and/or in the Future Path Plan concepts descriptions?
2. **Does it maintain or improve upon** service parity for E9-1-1 calls?
3. **Does it maintain or improve upon** a system design that avoids unnecessary complexity while achieving the needs in a cost efficient manner (simplicity, maintainability)?
4. **Does it maintain or improve upon** the probabilities for call and data delivery?
5. **Does it provide** documented procedures, practices, and processes to ensure adequate implementation, operation, and ongoing maintenance for E9-1-1 systems?

NOTICE

A RATING OF “COMPLIANT” OR “CONDITIONALLY COMPLIANT” FOR ANY NEW CONCEPT IS BASED UPON A PAPER REVIEW, AND MAY BE SUBJECT TO BEING DEMONSTRATED AS WORKABLE IN A PRACTICAL FIELD/BENCH/LAB TEST (AS APPROPRIATE) UNDER NENA CONTROL. THIS PRACTICAL FIELD/BENCH/LAB TEST MAY BE PERFORMED BY AN INDEPENDENT, NEUTRAL PARTY CHOSEN BY NENA. ADDITIONALLY, A RATING OF “CONDITIONALLY COMPLIANT” EXPRESSLY IMPLIES NENA’S EXPECTATION THAT THE SUPPLIER/VENDOR/CREATOR/INVENTOR OF THE CONCEPT SHALL TAKE THE STEPS NECESSARY TO MEET FULL COMPLIANCE, WHICH WOULD SUBSEQUENTLY EARN A “COMPLIANT” RATING.

The focus of the evaluation process is centered on things that are deemed to be related to compliance with the NENA Future Path Plan criteria, as they apply to this CONCEPT. This process is NOT an endorsement or analysis of any particular product, or specific implementation of this CONCEPT. This is only a paper review of the CONCEPT submitted.

Note 1: The NENA Technical Committees reserve the right to determine if a proposal meets these criteria.

Note 2: See the NENA Standards Compliance Summary document, the Future Path Plan document(s) and/or other industry Standards documents as appropriate.

CRITERIA #1	RATING
<p>Does it maintain or improve upon reliability and service characteristics inherent in present E9-1-1 system design as governed by NENA's technical standards for E9-1-1 service, and/or in the Future Path Plan concepts descriptions?</p>	<p> <input checked="" type="checkbox"/> COMPLIANT <input type="checkbox"/> CONDITIONALLY COMPLIANT <input type="checkbox"/> NON-COMPLIANT <input type="checkbox"/> Not Applicable </p>
<p>COMMENTS: Remote Conference Calling maintains full 9-1-1 reliability for ACN calls by dialing 9-1-1 directly from the vehicle (as for any other 9-1-1 call) to contact the local PSAP. As a result: call path is shortest and most direct possible; routing is determined by the local 9-1-1 authorities, as are all other direct 9-1-1 calls; inherent advantages of the 911 systems are automatically incorporated into the process, including Phase I and/or II; and natural 9-1-1 evolution is built-in.</p> <p>It improves on existing CAN call service characteristics, because it does not utilize: 10 digit numbers; cross country routing of calls over non-emergency circuits; Emergency Service Routing Keys (ESRK); Voice over Internet Protocol (VoIP) circuits; or proprietary databases.</p>	
<p>SUPPORTING DOCUMENTATION</p>	<p>NENA TID 07-504 Ver 1, Pages 28, 29, 30</p>

CRITERIA #2	RATING
<p>Does it maintain or improve upon service parity for E9-1-1 calls?</p>	<p> <input checked="" type="checkbox"/> COMPLIANT <input type="checkbox"/> CONDITIONALLY COMPLIANT <input type="checkbox"/> NON-COMPLIANT <input type="checkbox"/> Not Applicable </p>
<p>COMMENTS: It maintains 100% parity for E9-1-1 calls because it uses standard 9-1-1 processes for making wireless 9-1-1 calls. Unlike other methods used for routing ACN calls to PSAPs, this process does not use 3rd-party facilities that are not a part of local 9-1-1 system. Remote Conference Calling makes full use of local 9-1-1 facilities.</p> <p>This is also in use today and does maintain parity for E9-1-1 calls as stated because it uses standard 9-1-1 call processes for making wireless calls.</p>	
<p>SUPPORTING DOCUMENTATION</p>	<p>NENA TID 07-504 Version 1, Pages 28-30</p>

CRITERIA #3	RATING
<p>Does it maintain or improve upon a system design that avoids unnecessary complexity while achieving the needs in a cost efficient manner (simplicity, maintainability)?</p>	<p> <input checked="" type="checkbox"/> COMPLIANT <input type="checkbox"/> CONDITIONALLY COMPLIANT <input type="checkbox"/> NON-COMPLIANT <input type="checkbox"/> Neither Compliant nor NON-COMPLIANT <input type="checkbox"/> Not Applicable </p>
<p>COMMENTS: This method is using the same 9-1-1 system that is in place and has been used for all wireless calls. The system already exists and therefore maintains the system design.</p> <p>To avoid necessary complexity, simplicity and maintainability is because all necessary network and PSAP equipment and protocols are already in place and operating. Nothing is added or changed to the nation's 9-1-1 network. Wireless 3-way calling is a standard feature of the wireless industry which utilizes Telephone Company quality bridging of calls.</p> <p>All necessary network and PSAP equipment and protocols are already in place and operating. Nothing is added or changed to the nation's 9-1-1 network. Wireless 3-way calling is a standard feature of the wireless industry which utilizes Telephone Company quality bridging of calls.</p>	
<p>SUPPORTING DOCUMENTATION</p>	<p>NENA TID 07-504 Version 1, Pages 28-30</p>

CRITERIA #4	RATING
<p>Does it maintain or improve upon the probabilities for call and data delivery?</p>	<p><input checked="" type="checkbox"/> COMPLIANT <input type="checkbox"/> NON-COMPLIANT <input type="checkbox"/> Not Applicable</p>
<p>COMMENTS: Maintains the same data delivery probability as local 9-1-1, both now and as 9-1-1 evolves. In addition, the caller's real ANI can be used as a record key to pull data from ACN databases.</p> <p>Maintains the same data delivery probability as local 9-1-1 calls, both now and as 9-1-1 evolves. In, addition, the caller's real Automatic Number Identification (ANI) can be used as a record key to pull data from CAN databases.</p>	
<p>SUPPORTING DOCUMENTATION</p>	<p>NENA TID 07-504 Version 1, Pages 28-30</p>

CRITERIA #5	RATING
<p>Does it provide documented procedures, practices, and processes to ensure adequate implementation, operation, and ongoing maintenance for E9-1-1 systems?</p>	<p> <input type="checkbox"/> COMPLIANT <input type="checkbox"/> CONDITIONALLY COMPLIANT <input type="checkbox"/> NON-COMPLIANT <input checked="" type="checkbox"/> Not Applicable </p>
<p>COMMENTS: Requires no change to existing procedures, equipment, or operations.</p>	
<p>SUPPORTING DOCUMENTATION</p>	<p>NENA TID 07-504 Version 1, Pages 28-30</p>