

Synergem i3-Route™

Your On-Ramp to True-i3™

A total i3 solution

The NENA i3 standard for NextGen 9-1-1 brings amazing benefits to emergency services organizations.

- Faster and more accurate location information for wireless call routing and response
- A more robust, resilient, and fault tolerant network built around modern SIP standards
- Lower costs for call transport and managed network services
- New geospatial call routing options

But 9-1-1 authorities face the burden of managing the existing legacy infrastructure while still planning a migration into i3.

- Complexity and cost of managing dual networks
- Additional hardware and software required
- Training staff with new skill sets
- Managing competing and conflicting ways of meeting NENA Standards
- Meeting requirements of PSAPs and responder organizations during the upgrade process

A new approach

i3-Route™ provides a new approach to solving these problems. i3-Route™ is a network service built from the ground up to support the NENA i3 standard, and designed to facilitate all the telecom conversion and location-based routing functions required for a fully-compliant i3 solution. Rather than investing time, energy and money into creating a migration to i3, 9-1-1 authorities can simply subscribe to i3-Route™ and let Synergem handle it from there!

TECHNICAL DETAILS

- A national network with multiple, geo-redundant data centers connected via a redundant, carrier-diverse MPLS mesh network that provides 99.999% reliability
- Multiple points of presence and interconnection (POPs and POIs) throughout the country to reduce carrier transport costs
- Additional points of presence (POP) can be deployed quickly and cost effectively
- ESRP/PRF designed to handle up to 2,000,000 concurrent calls for maximum scalability
- ECRF/LVF database maintained automatically from SOI updates within each jurisdiction
- Utilizes Synergem i3-Interconnect™ legacy network gateway (LNG) conversion services to handle TDM/SS7 based call traffic

LEARN MORE

For more information about how i3-Route™ can help you get a jump on your NENA i3 migration, call us at 866.859.0911 or visit www.synergemtech.com.

SynergemNET™, your fastest route to True-i3™



For information about Synergem's Next Generation 9-1-1 products, contact us at info@synergemtech.com or 866-859-0911.

Some of the features of i3-Route™

- Provides all the NG9-1-1 Core Services (NGCS) including the ESRP/PRF and ECRF/LVF for complete location and rules-based routing of calls
- Includes MSAG conversion service to support geospatial data for any jurisdiction
- Supports all media types including voice, text, video and TTY
- Will accept traffic from any originating service provider, including wireless, wireline or VoIP, and can route to and between any ESInet nationwide
- Built from the ground up to NENA i3 standards on a Public Safety Grade network

How can 9-1-1 authorities benefit?

- Faster, more efficient migration from legacy to NG9-1-1 with Synergem managing project complexity, including adherence to evolving standards
- Eliminates cost uncertainties and allows for improved budgeting with a monthly subscription model
- Retirement of selective routers to further reduce network costs

