

## Paul D. Linnée, ENP

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### PROFESSIONAL EXPERIENCE:

**2008:** Awarded the prestigious status of **LIFE MEMBER of APCO** (Association of Public Safety Communications Officials)

**2005 to present:** Principal in my own firm (*Emergency Communications Strategies*) engaging in consulting services to:

? County and city governments dealing primarily with issues surrounding the organization, management, funding, governance and potential consolidation of 911 dispatch centers, as well as the planning and acquisition of large, regional shared trunked radio systems.

? The legal community, as an expert witness in cases where analysis, timeline and decision reconstructions are required in litigation flowing from the processing and dispatch of 911 calls and related issues.

**1996 to 2005: Consulting Services Director & Co-owner of GeoComm Corp.:** Overall management and expertise, sales and project coordination work, serving as Managing Consultant on numerous large wired and wireless Enhanced 911 and public safety communications projects for a firm with 80+ employees and \$6,000,000+ in annual sales.

**1997: Awarded 9-1-1 Emergency Number Professional (“ENP”) certification:** By the National Emergency Number Association (NENA) after completing an exhaustive testing process and receiving the highest score. Subsequently qualified for ENP Certification renewal in 2002 and 2007.

**1996 to present: Consultant, Emergency Communications and 9-1-1 Incident Issues:** Service a variety of clients on design and implementation of Enhanced 911 and public safety radio systems, including GeoComm Corp. of St. Cloud, MN (a 911/radio and GIS mapping consulting firm of which I later became part-owner); Douglas Co. NE (Omaha); St. Clair Co. IL (East St. Louis); State of Virginia Wireless 911 Board, for whom I am managed an 18 county wireless 911 implementation project; MCImetro (*MCI's local competitive dial tone arm*) and Winstar Telecommunications for whom I did E911 network design engineering and political/operational interface for integration of their local loop service to existing E911 networks.

**Litigation experience:** Lugo v. New York City (*For plaintiff:* improper response by the New York City EMS service to a 911 call for a medical emergency); Porche v. City of Chicago (*For plaintiff:* improper 911 call processing by the Chicago PD resulting in a delayed response and homicide death of child); Donovan v. Bureau Co. IL, (*For defendant:* fatal fire with charges of malfeasance by the County's fire radio system and its operators); Dedman v. Gibraltar Insurance, (*For defendant:* Case involved 911 calls and related dispatch activities surrounding a freeway crash fatality of a Metro Nashville, TN police officer); Regensberg v. City of Albuquerque, NM, (*For plaintiff:* Regarding delayed police response to a double homicide/suicide); Wilson v. City of Jersey City, NJ, (*For plaintiff:* regarding delayed police response to a triple homicide/attempted murder); Meyers v. City of Los Angeles, CA (*For plaintiff:* Involved failure to dispatch an ambulance to fatal drug overdose); Wilson v. City of Memphis, TN, (*For plaintiff:* Involved no dispatch of an ambulance, resulting in the death of a child); Rice v. Collins Communications, Comm Tech and Campbell County, WY (*For plaintiff:* Involved installation and maintenance failures in radio paging system for fire departments); Thomas v. Bell South, et al (*For plaintiff:* Involved allegations of improper implementation of Enhanced 911 and rural addressing in Cameron Parish, LA, resulting in a delayed ambulance response and fatality); Boyd, Young & Young v. Nicholas County WV 911, (*For defendant:* Involves allegations of a delayed police response to a shooting(s)); Crudup v WGK and Intrado Inc. (*For plaintiff:* Involves allegations of a failed EMS response due to improper addressing and 911 call routing) Munich v Skagit County WA 911, (*For plaintiff:* Involves allegations of delayed police response to shooting in progress resulting in homicide). Nicolet v. Alton, IL Police, (*For plaintiff:* Involves allegations of delayed EMS response arising from improper 911 PSAP staffing and response to call.

**1994-96: Telident, Minneapolis, MN: Director, Industry Relation:** Manage industry relations for a \$2 million emerging technologies company specializing in telecommunications and data services for the Enhanced 911 and public safety communications marketplace, including CAD, Law Enforcement and Fire Records, Jail Management, Digital Video Imaging and a broad range of Private Safety Telecommunications products and services directed at the PBX and Centrex user market. Solely responsible for development, market research, advertising and vertical marketing of a new subscription service for simultaneous broadcast voice & pager notification.

**1985-1994: City of Minneapolis, MN: Director of Emergency Communications (911):** Department head status in city government. Overall management and direction to the \$4.3 million annual budget Department of Emergency Communications providing 911 call answering, police and fire dispatching for the entire city of 400,000, handling 800,000 calls for service per year and dispatching 450,000 police, fire and EMS events annually. Supervised 100+ staff and 13 subordinate managers. Designed and implemented major CAD (Computer Aided Dispatch) system, 800 MHz. trunked radio, 220 device Mobile Data Terminal (MDT) System. Elected and re-elected as Chair of Metro 911 Telephone Board's Operations Committee. Was the primary initiator of a Twin Cities Regional 800 MHz. trunked radio system task force, whose work

resulted in the implementation in 2000 of the largest integrated local governmental trunked radio system in the USA, known as the Minnesota Metro or "ARMER" system.

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**1975-1985: Richfield, MN, Public Safety Dep't. Director, Administrative Services** Division head in 100 member full service public safety organization with police, fire, emergency preparedness and inspections divisions. Overall responsibility for budget, physical plant, purchasing, city-wide communications, data processing, 911 system design and acquisition, dispatching and records. Designed and implemented a rudimentary CAD and records system as early 1978. Major involvement in design and implementation of total Metro E911 system in 1982.

**1973-1975: State of MN Governor's Crime Commission. Team Leader, Police Planning:** Leader of a 4 person Police Planning Team which solicited and then reviewed and monitored grant applications and funded projects for \$4 million in annual federal Law Enforcement Assistance Administration (LEAA) grants.

**1970-1973: Burnsville, MN, Public Safety Dep't. Police & Fire Supervisor I** Police patrol officer and firefighter in fully consolidated suburban public safety department until 1972 when promoted to Police Sergeant and Fire Captain. General police and fire response and supervisory duties. Implemented Minnesota's first full time Crime Prevention Officer position.

**EDUCATION:** Graduated University of Minnesota, B.A. (Journalism & Communications), 1970 Licensed and certified (State of MN) as a Police Officer and fire fighter since 1970.

**PROFESSIONAL ACTIVITIES:** 30 year member and former officer of Minnesota and International A.P.C.O. (public safety communications professional association). Member, APCO's National 911 Committee; President (3 terms) of the MN Chapter of NENA (National 911 group). Member of a variety of other public safety organizations.

**SKILLS AND STRENGTHS:** Experienced and successful sales experience to local government. Experienced and successful consulting management of large land-mobile communications system projects for local and regional governments:

- Consultant to **Scott County, IA (Davenport & environs)** on long range radio system plan development.
- Consultant to Cook Co. (**Chicago**) **IL** on local government interoperable communications planning
- Consultant to Montgomery Co. (**Dayton**), **Stark County (Canton) OH and Lubbock County (Lubbock) TX** on studies of merging 911 dispatch centers.
- Lead Consultant to City of **Atlanta**/Fulton County GA 911 on a 911 dispatch consolidation study
- Lead Consultant to **Omaha**/Douglas Co. NE \$19 million 20 channel digital, P25 trunked radio system
- Lead Consultant to St. Clair County, IL (East St. Louis) on a 10 site, P25 digital trunked radio system
- Managing Consultant to Anoka Co. MN on a 9 site, 10 channel add-on to the "ARMER" radio system
- Lead Consultant to **Washington Parish, LA** 911 district on merging of three 911 dispatch centers.
- Managing Consultant to St. Cloud/Stearns Co. MN on a 5 channel 3 site add on to the "ARMER" system
- Lead Consultant to Mid America Regional Council ("MARC" is **Kansas City's** regional planning agency) for Assessment of Public Safety Communications Interoperability and Recommendations.
- Lead Consultant on 911 dispatch merger studies for **Merced and Tulare Counties in California.**
- Lead Consultant: **St. Louis County, MO** research into \$85 million county-wide 700 MHz trunked radio system.
- Lead Consultant, **Long Beach, CA** studying the merger of separate police & fire 911 centers and operations.

Well developed "public process" facilitation skills geared at enabling non technical public entity user groups to understand the technologies and public policy aspects of such technologies as shared, regional voice and/or data radio systems, and to be effective participants in their planning and implementation.

Experienced in research into and testimony on complex legal matters relating to the electronic and procedural processing of emergency communications dispatch events. Well received public speaker, presenter and instructor, considerable court testimony experience. Well developed PC skills including all MS Office products and systems. Complete and full function electronic home office suite already established.

Widely published author of numerous published articles in professional journals. (APCO Bulletin, NENA News, 911 Magazine, Dispatch Monthly, etc.) Also author of widely sold (in public safety circles) book **"ICK! I Hate Technical Stuff"** which is renowned for explaining highly technical public safety communications issues and technologies to "lay" audiences.

**Financial Remuneration:**

On an hourly retainer basis, \$175 per hour; \$1,400 per day at trial, plus expenses. Extensive reimbursable travel acceptable from the major hub airport located 4 miles from my home office. I can generally get anywhere in the USA by mid-afternoon on a given day.