



Project 25 Founders

The Project 25 Technology Interest Group and the Telecommunications Industry Association are pleased to recognize the Founders of Project 25. These are the Individuals who attended the original formative meeting held at NTIA headquarters in Washington DC in October of 1989 or signed the subsequent MOU between TIA/NASTD/APCO.

To them we say.....

Your leadership and vision was essential in the creation and development of The Project 25 Standard that today has achieved worldwide acceptance and recognition.

First Responders and citizens alike benefit every day from reliable, life-saving, communications made possible by

Project 25.



Craig Jorgensen

- Craig attended the original meeting in 1989 as President elect of NASTD.
- He served as the P25 Steering Committee's 1st Co-chair and Program Manager representing NASTD. Art McDole was the APCO Co-chair at that time.
- Craig continued as co-chair and program manager of the P25 Steering Committee from July 1994 to May 2011 and was often referred to as the "Godfather" of P25.
- A key accomplishment was his work to create the original MOU between APCO-NASTD-TIA.

Craig took the P25 ship through rough waters in the early days and was instrumental in bringing all parties together to create a user driven process with TIA manufacturer members and radio user groups. He Resolved many issues and overcame many early barriers with patience, diplomacy, and professionalism.



Craig Jorgensen

Craig has worked over 47 years in public safety communications.

- 50th president of APCO International
- President of the National Association for Telecommunications and Technology Professionals (NASTD)
- A leader in the cooperative effort between TIA and ETSI to develop broadband public safety standards
- Served on the Public Safety Spectrum Trust as the APCO rep.
- He is a Fellow in the Radio Club of America and serves on their Board of Directors and as its Membership Committee Chairman.
- Prior to 1994, Craig served over 30 years in various capacities in Utah State Government
- A Student Center in the Engineering Department of a major Utah University will be named after Craig, recognizing his leadership in telecommunications.
- Craig is currently the President of Quantum Telecommunications, Inc

Don Pfohl

- If Craig Jorgensen was the Godfather of P25; Don Pfohl was his consigliere and wingman.
- Don was co-chair of the P25 Steering Committee representing APCO and the City of Mesa from the initial meetings.
- He continued as co-chair for many years and always delivered a strong, valuable, user perspective to the process.
- He was instrumental as a leader for the console interface task group and brought console manufacturers into the P25 process.
- Don was one of the early proponents of the Project 25 Technology Interest Group (PTIG) and served as the first PTIG chair.



Don Pfohl

Don has worked over 50 years in public safety communications

- President of Forestry Conservation Communications Association (FCCA)
- First recipient of the Oregon State Police “Charles P. Pray” award for bringing distinction to OSP for national and international renown
- Life Member of APCO
- Fellow in the Radio Club of America
- APCO Executive Council member, Past President, Arizona Chapter of APCO
- Author of numerous comments to FCC actions by APCO and FCCA
- Don has held numerous Communications management positions with: Oregon Wireless Interoperability Network (OWIN), Oregon State Police (OSP), Oregon Forestry, Oregon DOT, City of Mesa Arizona, and the City and County of San Francisco
- At present, he is the principal for Don Pfohl Consulting, Salem, Oregon



John Powell

- John was present at the initial October 1989 meeting representing APCO.
- He served as Co-chair of the Project 25 Steering Committee in the early years as member of the APCO Board of Directors
- He was a member of the Project 25 Steering Committee from it's inception. and today continues to represent user interests to the Project 25 process as a steering committee member.
- One of John's greatest contributions has been his ability to translate complex user requirements into potential standards initiatives.
- John's wealth of experience with LMR radio technology and systems has given him the ability to offer the P25 process a valuable perspective based on real world system requirements.

John Powell

- Mr. Powell has over 25 years of law enforcement experience at both the municipal and state levels as a police officer and supervisor for two San Francisco area agencies.
- He implemented several major projects including a statewide trunked radio system and E-911 computer aided dispatch center for the University of California.
- He was Chair of the Interoperability Subcommittee of FCC's 700 MHz NCC. He was also a member of the SAFECOM Executive Committee, CLEMARS, and PSWAC
- Served as founding chair of California's FCC-chartered Statewide Interoperability Executive Committee (CalSIEC) and currently serves as special liaison on interoperable communications to the Director of the California Governor's Office of Emergency Services.
- Mr Powell currently chairs the Interoperability Committee and SDR Working Group within NPSTC, and the Board of Directors at the SDR Forum.
- John is a member of IACP Information Management Section, and the Communications and Technology Committee as NPSTC representative.
- He is a life member and International Past President of APCO, a Fellow of the Radio Club of America, and a member of IEEE.

Bob Schwartz

- Bob represented EF Johnson at the first meeting in October of 1989.
- He has been a participant in the Project 25 process from its inception and was an active member on most of the committees and task groups.
- His last position was chair of the Project 25 - TIA Interface Committee (APIC) and served for many years as the APIC chair.
- As the leader of APIC Bob had the ability to successfully balance user and manufacturer issues and points of view to reach consensus on proposed documents.

Bob Schwartz

Bob has worked over 50 years in public safety communications

- Bob graduated from Purdue University with a BS degree in Electrical Engineering in 1962 after a tour of duty with the U.S. Army Security Agency.
- His first LMR industry position was with General Electric's Mobile Radio Department in Lynchburg, Va. He held positions in: engineering, product planning, marketing, and product management.
- He was responsible for many GE handheld radios and defining the first GE trunking communications system.
- In 1983, Schwartz joined E.F. Johnson Co. as director of product management for LMR. He was instrumental in starting the Johnson Radio Telemetry and Remote Meter Reading businesses and represented Johnson at the TIA and in the Project 25 standardization efforts.
- Schwartz retired from E.F. Johnson in 1995 and today is a consultant.
- He is an active member of the Amateur Radio Relay League and holds the call sign KTØT.

Emil Vogel

- Emil's initial involvement with the P25 effort was to rally support from the various associations of Public Safety organizations for the P25 effort.
- In the early formative years of the P25 Standard, he was able to successfully bring many competing interests, not always aligned with the P25 steering committee, into the process.
- Emil later served on various P25 committees as the organizational structure and standards process evolved.

Emil Vogel



- Mr. Vogel headed the multi-disciplinary team who designed and implemented the first ever seamless state-wide simulcast 800 MHz trunked radio system for the New Jersey State Police.
- He has over the past 35 years worked with key public safety officials in spectrum deficient metropolitan areas nationwide to form Ad-hoc committees for the purpose of lobbying the FCC/Congress for spectrum relief. This effort resulted in the assignment by the FCC of 6 MHz in 1987 for exclusive use by public safety.
- He managed the effort to assist in the establishment of 56 regional committees and their ensuing regional plans, an effort that has been carried forward to the 700 MHz band.
- Mr. Vogel has received three presidential awards from APCO for his work in obtaining spectrum for Public Safety
- He is a member of IACP Communication and Technology Committee; IMSA, and a Fellow of the Radio Club of America.



P25 Founders not Present This Evening

Steve Proctor

- Steve signed the MOU as President of APCO.
- He also was involved (with the then APCO Board) to retain Craig Jorgensen as the Project Director.
- He served a couple of years as a P25 Steering Committee co-chair, and wrapped up Phase 1 of the project during his term as APCO President in 1995.
- He is a long time supporter of the P25 Standard and continued to support the Standard as UCAN telecomm director in Utah.
- Steve helped establish the 1992 MOU that formalized the partnership that brought users and manufacturers together in the process. TIA-APCO-NASTD.



P25 Founders not Present This Evening

Robert Fenichel

- Bob was one of the Federal government reps at the original meeting representing the National Communications System NCS.
- Bob chaired the LMR subcommittee of the Defense Communications Agency setting telecommunications standards committee for the federal govt.
- Through his vision DCA was first to introduce a digital standard for federal govt in LMR.

Jack Gallt

- Jack represented NASTD in first meeting of October 1989.
- He continued to be involved and be a supporter of Project 25 in his position as Executive Director of NASTD.

Glenn Mayne

- Glenn was also a NASTD rep in the initial meeting.
- He continued to support Project 25 as a member of the P25 Steering Committee.



P25 Founders not Present This Evening

Gary David Gray

- Gary presented the possibility of developing a digital radio standard to the APCO board. He stated that it could be a follow on to Project 16 with Interoperability as a primary goal
- He reached out to Federal representatives in DC that resulted in the original October 1989 meeting. At that meeting he was instrumental in support as immediate past President of APCO.
- He served on the Project 25 Steering Committee for a number of years.

Richard Roley

- Richard was at the original meeting representing NASTD.
- He later served for many years on the steering committee.
- Richard was made many contributions offering the user point of view from his position as communications manager from the State of Georgia.



P25 Founders not Present This Evening

Don Speights

- Don was the host of the initial meeting in October 1989 as NTIA representative.
- He later served on the P25 steering committee for many years representing NTIA and addressing federal user requirements.
- He continues to be involved today as a contractor supporting the Federal user community.

Eric Schimmel

- Eric formalized the user/manufacturer relationship in the process via the 1992 MOU.
- He was the signatory for TIA to the MOU.
- He was active for many years in the Standards process representing TIA. In that role he offered valuable information from TIA's International perspective on telecommunications standards and FCC rulings.



25th Anniversary

1989-2014