

**Jay Thompson**  
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### **Knowledge – Skills – Abilities**

Two-way radio / paging / satellite technology / TV audio-video production / IT server and desktop support / networking / database programming / website design and hosting

### **EXPERIENCE**

#### **2013 RFI investigator - RF Authority; Plano, TX**

Locating and mitigating RF interference on Verizon's LTE network in Los Angeles.

#### **2012 – 2017 - Senior field engineer - Ira Wiesenfeld and Associates; Dallas, TX**

Installing and servicing private carrier paging and public safety radio and paging systems, both single site and simulcast. Instructor for ETA and TRNI courses. Site surveys, user needs analysis, system design and implementation.

#### **2012 – Present - Tech editor / instructor - Dover Telecommunications Services; Cedar City, UT**

Editing and developing online training content for cellular carriers, live training.

#### **2001 – Present - US Dept. of Homeland Security and Health and Human Services**

Communications Unit Leader - Disaster Medical Assistance Team CA-4

Deployed for national emergencies including counter terrorism missions, hurricanes Katrina, Gustav, Ike and Sandy. In charge of all IT and communications gear for 50 person team, including portable, mobile and base station radios, satellite phone, electronic medical record system and related networking components.

#### **2003 – 2014 - Special projects engineer – Bearcom; Garland, TX**

Designing and installing repeater systems at special events such as ESPN X games, Academy Awards, Rose Bowl, etc. Performing site surveys for RF coverage, frequency scans, FCC license applications and designing channel plans for users.

Installing video, radio and voice over IP systems and 2.4 / 5 GHz backhubs, point to multipoint and mesh links for local and web based viewing of surveillance video from fixed and pan-tilt-zoom cameras.

#### **1997 – Present - Self employed – IT and technology consulting**

Providing IT consulting to businesses including medical offices, legal firms and public safety agencies. Providing web design and hosting, software and hardware installation and support, including server installation, wireless LAN technology and PC hardware support.

Contractor to Swift Wireless - provided internet access to racing teams and vendors during the 2007 Indycar racing season. Setup satellite dish for broadband access, access points and customer premise equipment.

Partner in Netsurf USA, a multi-county wireless ISP in southern Indiana.

Freelance RF audio / video tech for ESPN and ABC. RF 1 and 2 on numerous golf shows,

X games, Rose and Fiesta Bowls and the Indy 500. System setup and maintenance of wireless mics, PL and IFB systems, microwave transmitter / receiver packages for video cameras. Assisted in re-engineering ESPN's wireless mic / RF systems to improve reliability.

**1985 – 1997 - IndyCar manager - Racing Radios; Forest Park, GA**

Provided sales and tech support for radios systems and related accessories to racing teams. Designed systems and equipment for use in high noise / EMI environment. Designed and installed first fuel telemetry system used in Indy Car racing. Implemented frequency coordination plans for race teams. Established over 300 racing team accounts for Racing Radios and implemented advertising agreement with CART.

**1986 – 1990 - Field service technician - Motorola; San Diego, CA**

Serviced mobile and base station units, conventional and trunked repeater systems, dispatch consoles, DC and tone remotes and other related systems, with experience on public safety systems.

**Class instructor at IWCE 2013-2018**

Co-author of [General Communications Technician](#) levels 1 and 2, [Mobile Communications Equipment Installer](#) and [Radio Frequency Interference and Mitigation](#)

**Education**

Associates Degree in Criminal Justice, Indiana University  
Associates Degree in Electronics, Mesa College, San Diego  
Motorola dispatch console and wireless broadband training classes  
Zetron MAX dispatch training class  
Unipage paging terminal class  
San Diego County Sheriff's Reserve Academy  
San Diego EMT-1A class  
US DHS Incident Command training  
    ICS 100, 200, 300, 400, 700 and 800  
    MGT-315 – Homeland Security threat and risk management  
DHS COML – All hazards communications unit leader class  
DHS COMT – Communications technician class  
FEMA / DHS training  
    IS-836 – Nuclear / Radiological Incident response  
    IS-546a – Continuity of Operations  
    IS-704 – NIMS communications and information management

**Licenses and Certifications**

FCC GROL  
Extra class amateur license KC9VTT  
Electronics Technicians Association certificates - Wireless Communication MSS, Antenna Line Sweeping, DAS design, General Communications Technician 1 and 2, Microwave Radio Tech

**Awards**

Emmy for Outstanding Technical Remote Video Engineering, Summer X games  
ETA technician of the year for 2016