

MICHAEL C. CORDER

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• Professional Technical Profile: <http://mccworkshop.com/62095/70330.htm>

ELECTRONICS • TELECOMMUNICATIONS • NETWORK/IT ADMINISTRATION

“I provide an inherent understanding of technical systems with a track record of finding solutions to technical challenges.”

TECHNICAL STRENGTHS & EXPERTISE

- Digital Design
 - Technical Training
 - Ethernet Interfaces
 - Token Ring Hubs
 - TCP/IP Networks
 - LAN/WAN
 - Mechatronics
 - Cisco Routers
 - Web Design
 - Ethernet Cabling
 - Technical Training
 - Web-based Technology
 - Embedded System Design
 - Web Development/Programming
 - Electronics System Design
 - Software Configuration/Development
 - Customer Technical Support
 - Database Administration/Design
 - Telecom Data Systems/Operations
 - Hardware Development/Engineering
 - Automotive Electronic Design
 - Satellite Audio Systems
 - Ethernet Bridges
 - Satellite Data Systems
 - Ethernet Switches
 - Hardware Configuration
 - Network Administration
 - Global Systems Support
 - Systems Implementation
 - Relational Database
 - Disaster Recovery
 - General Electronics
 - Technical Writing
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Summary

I have enjoyed a nearly 30 year career in telecommunications and technical field service with the Associated Press, a career that encompassed and spanned several generations of technology. During that time I was responsible for helping to design, install, implement and maintain the communications and data processing systems that deliver AP news to member newspapers, broadcast stations and various other data customers. I was also responsible for integrating AP text, photos, video and audio into member systems and workflow as well as training their employees in how to use AP products. Additionally, I was responsible for the maintenance of all technical systems and devices that the AP uses internally for gathering and reporting the news. I was a member of a nine person technical team responsible for Ohio and surrounding areas.

I played a large role in projects such as developing and deploying one of the worlds largest satellite data communications networks, the introduction of digital photography into the news world, The introduction of digital photo archiving, the satellite broadcast and distribution of live event audio, the introduction of digital advertising creation and delivery to newspapers (AdSend), the creation of custom markets and financial news reporting systems (AP CustomStocks) and the computerization of election night voter counting and reporting systems (VNS).

Since completing my career at the AP, I have been focused on developing my own business (MCCWorkshop), as well as expanding my knowledge of technology, pursuing my love of technical experimentation, and investigating other business startup possibilities.

PROFESSIONAL EXPERIENCE

SUPERVISOR - TIER II TECHNICAL SUPPORT, JPMORGAN/CHASE ... Columbus, Ohio

Aug 2009 -

Oct 2009

Project consultant for Tier II Technical support of the conversion of WaMu Branches to Chase systems. Train, mentor and supervise multiple Tier II agents. Those agents are responsible for Remotely supervising and supporting field technical teams working at former Washington Mutual branches in the replacement and conversion of the on site bank infrastructure.

TIER II TECHNICAL SUPPORT, JPMORGAN/CHASE ... Columbus, Ohio May 2009 - July 2009
 Project consultant for Tier II Technical support of the conversion of WaMu Branches to Chase systems. Remotely supervised and supported field technical teams working at former Washington Mutual branches in the replacement and conversion of the on site bank infrastructure.

OWNER, MCCWORKSHOP ... Columbus, Ohio 2006 - present

- Electronics & Electromechanical design and prototyping services.
- Technology development and consulting.
- Electronics Maintenance and repair.
- Complete web development services
- Hobbyist Web site for Electronics and Technology Experimenting, Vintage Computing and Technology History.

EXHIBIT TECHNICIAN - COSI ... Columbus, Ohio February 2007 - June 2007
 Maintenance and repair of museum exhibits including various electronic, mechanical, pneumatic, hydraulic, and audio/visual devices. Supervise daily operations of the exhibit floor, address technical concerns, and startup and shutdown of building. Temporary position.

THE ASSOCIATED PRESS ... Columbus, Ohio 1979 to 2006
US newswire service and cooperative owned by contributing newspapers, radio and television stations in the United States; employs 4,000 associates in 400 offices/bureaus worldwide.

Network/Electronics/Telecom/Computer Technical Field Engineer
Provided comprehensive 24/7 technical support to 105 newspapers, over 150 radio and television members, and approximately 300 data customers throughout Ohio, and 6 AP bureaus, with more than 100 employees; served as part of 9-member technical support team.

Scope of responsibilities included satellite, telecommunications, network and computer site planning, installation, maintenance, functionality, and integration (ensuring operations of network, data, photo, audio, and newsgathering services and equipment); daily tasks comprised telephone and on-site field technical support, and maintenance, of data and telecommunications equipment at more than 500 AP members and customers in Ohio. Support of 200+ bureau computer workstations, internal network, dial-up and general newsgathering support equipment, and resolution of system failures (ensure continuity of data delivery). Collaborated with research and development as well as vendors on testing and resolution of issues during deployments, operations and improvements.

Comprehensive knowledge of news media operations, newspaper production processes and systems, and integration of AP services and products (text, photos, audio, video and data) into newspaper and broadcast systems.

MANAGER, KIMBERLY VILLAS CONDOMINIUMS ... Columbus, Ohio 1985 – 2001
 Elected member of 3 person board of managers for a 40 unit (10 buildings) independent condominium association. Duties included creating and managing the annual budget. book & record keeping. Overseeing maintenance and contractors, dispute resolution, representation of association in legal and real estate actions.

NOTABLE CHOSEN PROJECTS

- **AP Ohio Bureau and Associated Systems and Equipment:** Assisted with planning, new office construction, installation of systems and networks, and movement of equipment while maintaining full functionality and abilities to cover news. Overcame hurdles of 1st Iraq war (requiring technical work-around enabling staff to continue functioning).
- **Y2K Evaluation, Testing, and Remediation:** Designed, installed and tested emergency backup systems and equipment including electrical power backup, survival, and safety systems. Verified and remediated Y2K issues with equipment at AP member and customer sites.

- **Recovery of Errant Software Upgrade:** Recovered upgrade sent to all US AP KU Band satellite receivers (4,800 total and 400+ in Ohio); within 3 days, 95% of all members and customers were back in service through retrieval, re-programming, and re-installation of all units (requiring on-site and in-shop project management).
- **2nd Generation Computer and Editing Systems in AP Bureaus:** Deployed DEC PDP-based text storage and retrieval systems as well as intelligent editing terminals
- **3rd Generation Computer and Editing Systems:** Installed and deployed PC-based editing terminals and backbone network connectivity for client/server operations with centralized data centers in New York and Kansas City.
- **4th Generation Computer and Editorial Systems:** Deployed system comprising COTS PC-based editing terminals, networks and support equipment to Ohio AP Bureaus, and integrated TCP/IP network connectivity to existing data centers in Kansas City and New York.
- **1st Satellite Data Network Delivering AP Data and Products to Members and Customers:** Surveyed, specified, installed and integrated data services of 120 3-meter satellite earth stations and associated electronics at newspaper member locations throughout Ohio. Conversion from terrestrial data circuits to satellite delivery.
- **1st Generation Small Dish Satellite Receiving Stations to 200 TV and Radio Broadcast Stations and 150+ Data Customers in Ohio:** Installed 1-meter satellite dishes and associated receiver electronics as well as integrated system into station operations.
- **2nd Generation Small Dish Satellite Receive Stations Deployed to Television and Radio Broadcast and Data Customer Sites within Ohio:** Installed 1-meter KU band satellite dishes and associated electronics.
- **1st Generation AP ADSAT Satellite Ad Delivery System:** Installed, integrated and deployed proprietary satellite data reception and image processing/printing equipment.
- **2nd Generation AP ADSAT Satellite Ad Delivery System:** Installed, integrated and deployed proprietary satellite data reception and PC-based image processing equipment; deployed AD transmission systems to various advertisers, ad agencies, and member newspapers throughout Ohio.
- **1st Generation Proprietary Digital Photo Transmission and Editing System (AP Leafdesk):** Specified, designed, and installed AP Leafdesk receiver, servers, editing stations, network and output devices; integrated system into existing newspaper operations, workflow, and systems; assisted newspapers in conversion from wet photo technology to digital, and resolved pre-press technical and quality issues.
- **2nd Generation Digital Photo Delivery System:** Deployed 2nd generation digital photo delivery system and associated communications equipment and network integration at Ohio newspaper member sites; also assisted newspapers in integration of new services into workflow, resolution of technical issues with existing clients and pre-press production equipment.
- **Proprietary Equipment to Automatically Transmit News Stories from Member Newspapers to AP Editorial Systems:** Integrated transmission equipment into existing newspaper computer systems and editorial workflow.
- **Developed documentation of Ohio AP data hub;** also developed standardized data hub procedures and documentation.
- **Created electronic record keeping systems for tracking of AP equipment at member and customer sites within Ohio;** designed and created original local database for tracking; created 1st AP equipment and membership/customer tracking database and assisted in deployment to other state AP Bureaus; created Technical information database.
- **Instrumental in conversion and implementation of Ohio member and customer information as well as equipment data into AP's 1st and 2nd generation corporate equipment and customer databases;** created local intranet web sites for technical documentation, procedures, training, and customer information; interfaced website to corporate (Oracle) databases for retrieval of equipment tracking information and report generation.
- **Created local web-based databases for version tracking and upgrade/modifications;** also created web-based databases for documentation of AP Bureau and member network information.

- **Collaborated with newspaper members on implementation of digital color photo processing to workflows** (ultimately addressing printing quality issues).
- **Spearheaded development and implementation of several computerized record-keeping systems** for tracking members/customers and deployed equipment.
- **Improved overall systems functionality and performance through development and documentation of operational and maintenance procedures**; produced extensive documentation of systems, procedures and topologies as well as created maintenance training manuals and technical documentation.
- **Functioned as evening supervisor and daily support in 24x7 data hub supporting members, clients and editorial employees throughout 4 states**; accountable for entire operation, maintenance, issues resolution and operational continuity.

MILITARY SERVICE

THE UNITED STATES NAVY

Deployed 4+ years on Guided Missile Destroyer and 2 6-month Mediterranean cruises.

Fire Control Technician

Responsible for repair, maintenance, and operation of guided missile system including SPG51 digital fire control tracking radar, SPS39 search radar and MK152 computer complex; also assisted with maintenance of MK13 launcher system and CIC equipment.

- **Member of Naval PRP program and ship security force, including nuclear weapons security.**
- **Secret security clearance and background investigation.**

EDUCATION

2-Year Vocational Degree in Radio & TV Repair

NAVAL SERVICE SCHOOLS

General Electronics "A" School - Honor Graduate

Missile Fire Control Systems "B" School - Honor Graduate

Guided Missile Fire Control System MK 74 (Tartar) "C" School - Honors Graduate

PROFESSIONAL CERTIFICATIONS

A+ • Network+ • Microsoft MCP Server 2000 • Pursuing Cisco CCNA/CCNP

SOFTWARE PROFICIENCIES

MS Windows • MAC OS • UNIX • OS2 • MS DOS • CP/M • MS Office Suite • Quark Express • PhotoShop
AutoCAD • Crystal Reports • Fieldwatch • Clipper • Dbase • 6800 Assembler • BASIC • VisualBasic
HTML • XHTML • CSS • ASP • SQL • JavaScript • ADO • ODBC

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