

Mike Boxberger
Facilities Management and Operations Manager

Professional Experience

Information Technology Facilities and Resources Planning, Management and Operations Consultant (2005 to Present)

Self-Employed Independent Contractor providing information technology resources planning, acquisition, integration, implementation, and operations management services to public and private organizations. Currently engaged with Argonne National Laboratory Transportation Research and Analysis Computing Center (TRACC) for planning and implementation of interim facilities, resources, and operations at the DuPage Airport and DuPage National Technology Park located in West Chicago, IL.

Argonne National Laboratory (1984 to 2005)

Manager of Program Development

- Responsible for pursuing the development of initiatives with federal and state sponsors of new research activities for advanced transportation simulation, national security nonproliferation, environmental and waste management, and applied high-performance computing and telecommunications for Applied Science and Technology Directorate.
- Initiated and developed joint ANL/IBM/US DOT high-performance computational demonstration and deployment project for TranSims, a next generation transportation demand modeling system.
- Provided business research and strategic planning and analyses for the ANL Center for Transportation Technology Research and Development (TTRD) in conjunction with DOE EE/RE programs.
- Developed TTRD high performance computational facility hardware/software resource requirements and acquisition plans.

Director, Office of Safeguards and Security, reporting to the Chief Operations Officer. Responsible for design, development, and management of all Laboratory-wide Security and Safeguards functions.

- Principal Investigator and Program Manager for US DOE Office of Science Field Security (FS10) Program at Argonne. [DOE “Q” access authorization]
- Provided overall direction and administration of all site-wide security programs including personnel, information, facilities, property, and laboratory-wide protective force subcontractor.
- Established and implemented site security plan for physical protection of facilities, special nuclear materials, and property, including export controls, foreign travel, visits, and assignments.
- Responsible for all DOE Office of Security (SO) and Office of Independent Oversight and Performance Assurance (OA) inspections, audits, assistance visits and exercises associated with DOE Order 470.1 (Physical Security Protection Systems, Protective Force, Materials Control and Accountability, Cyber Security, Classified Matter Protection and Control, Personnel Security, and Information Security). [All program areas achieved “Satisfactory” or “Effective Performance” ratings]
- Prepared ANL Design Basis Threat Assessment Implementation Plan, Safeguards and Security Self-Assessments (annual, FY2000-FY2004), and USDOE FS10 Program Field Work Program Plan and Budget.

- Provided annual Safeguards and Security Program status reports and presentations to The University of Chicago Argonne Board of Governors Environmental, Safety, Security, and Health Committee.

Assistant Division Director/Administrative Program Manager, reporting to the Director of the Chemical Technology Division (CMT). Responsible for managing and directing division information technology, financial, budget, procurement, human resources, and administrative/operational/facilities functions.

- Developed Field Work Proposals, project plans and funding for electrochemical technology, energy efficiency, renewable energy, nuclear materials management, and disposition programs.
- Provided management and technical direction for division information technology personnel and hardware/software resources.
- Prepared presentations, reports, and responses to The University of Chicago Peer Review Committee for the Chemical Technology Division.

Associate Division Director/Administrative Program Manager, reporting to the Director of the Computing and Telecommunications Division (CTD). Responsible for managing financial, budgetary, procurement, personnel, and facility functions.

- Developed and implemented Laboratory-wide information technology resources management plans, policies, procedures, and programs.
- Managed Laboratory telecommunications system facilities and operations.
- Prepared laboratory-wide responses and corrective action plans for audits, appraisals, and inspections of information technology resources and computer security.) [DOE “Q” access authorization]
- Served as Interim Division Director January 1992 – February 1993.

State of Missouri, Office of Administration, Jefferson City Missouri

Assistant Director, Division of EDP Coordination. Responsible for statewide planning, budgeting, and management processes for computing and communications equipment, software, and services.

- Managed divisional financial, budgetary, procurement, personnel, and facility functions.
- Developed and directed state data center consolidation and facility management projects.
- Managed and directed State telecommunications system operations, including acquisition and installation of a new state-of-the-art digital PBX.

State Demographer and Manager of Socio-Economic Studies and Research Unit (Senior Planner IV) with Division of Budget and Planning. Responsible for developing local, regional, and statewide databases, statistical abstracts, economic studies, and forecasts.

- Performed business management analyses and recommendations for executive branch reorganization and Governor’s Loaned Executives Assistance Program.
- Created State Data Center in conjunction with the University of Missouri Public Affairs Information Service and the U.S. Bureau of the Census.

Education

B.A., Computer Science Kansas State University, Manhattan, Kansas

Graduate coursework toward Masters of Regional & Community Planning, Kansas State University, Manhattan, Kansas

Presentations

“Overview and Facilities Planning for the ANL Center for Advanced Transportation Modeling, Simulation and Visualization,” October 2004. (ANL internal)

“Assessment of TEA-3 Funding of US DOT Research, Development, and Technology Transfer Initiatives,” October 2004. (ANL internal)

“Integrated Transportation, Land Use, Economic, and Environmental Modeling, Simulation and Visualization for State, Regional, Metropolitan, Urban, and Local Jurisdictions,” September 2004. (ANL internal)

“ANL Field Security (FS10) Program and Budget Review,” to the U.S. DOE Office of Science (SC). [annual, 2000-2004]

“Status of ANL East Safeguards and Security,” to The University of Chicago Board of Governors for Argonne Environment, Safety, Security, and Health Committee, March 2002, November 2001 and October 2000.

Publications

ANL Safeguards and Security Field Work Proposal — Field Security (FS10). (annual, FY2000 through FY2005)

ANL Design Basis Threat Assessment and Implementation Plan. December 2003

ANL Safeguards and Security Self-Assessment. (annual, 2000 through 2004)

Argonne National Laboratory Information Technology Resources Long-Range Plan. (annual, 1985 through 1993)

State of Missouri Statewide Data Processing Plan. (annual, 1978 through 1984)