In 2007, ICF acquired four companies:

- Energy and Environmental Analysis (EEA), Inc., based in Arlington, Virginia, which enhanced our capabilities in alternative fuels such as natural gas, and in automotive emissions and fuel efficiency technologies that impact greenhouse gas emissions.
- Advanced Performance Consulting Group (APCG), a Washington, D.C., consulting firm that enhanced our capabilities in federal organizational performance, human capital, and strategic communications consulting.
- Z-Tech Corporation, based in Rockville, Maryland, an established leader in health information and health technology services that expanded our ability to develop more effective health information technology, health communications, health policy analysis, and health information clearinghouses.
- SH&E, one of the world’s largest consulting firms dedicated to air transport, helped position our firm as a leader in airline, airport, and aviation industry consulting. This has significantly strengthened our transportation service offerings with federal, state, and industry clients.

In 2005, ICF acquired two companies:

- Synergy, Inc., a leading provider of strategic planning, analysis, and technology solutions in defense command and control, operations, and logistics.
- Caliber Associates, an established leader in providing research, consulting, and innovation in human services and human resource issues, primarily to U.S. federal clients.

In 2002, ICF acquired two divisions of Arthur D. Little: Global Environment & Risk (Americas) and Public Sector Program Management.