

System Development Corporation



Another New Hat For SDC

System Development Corporation in energy and environment? It makes sense!

You may know us better in different hats: police and public safety; Air Force, Navy and Army; health care; publishing; space; education; and training. Our versatility stems from systems strength and large-scale program management. We've excelled in all areas of system development for all types of customers.

Our Original Hat

We've worn the Air Force hat since our beginning as part of The Rand Corporation, when we pioneered the automation of command, control and communications systems. As a corporation, we gained experience in all areas of systems: from design through implementation, and including training and evaluation. As we worked on increasingly large and complex systems, we developed program management skills.

We found many fields that needed our expertise: police, public safety, health care agencies, the aerospace industry, newspapers and federal agencies. Our systems solved information problems in these areas and more. And our hat collection grew. And we grew.

Although our systems and management knowhow served our customers well, we saw the need to further strengthen our engineering and technical skills. The acquisition of Mechanics Research, Inc. was our opportunity to create an energy and environment team that could work on large-scale programs.

Such programs include our work in the areas of coal conversion and gas centrifuge enrichment, and our studies of power plant productivity.

Our Newest Hat

Now we believe that we have earned our newest hat. We've rolled up our sleeves, and we're ready to tackle the new challenges. System engineering, project management and control, engineering design and analysis — these are the resources we bring to the tasks of developing energy sources and improving energy processes.

System engineering is basic to taking the systems approach to any challenge. SDC applies its skills



in system requirements definition, design and analysis, simulation, reliability, safety, maintainability, availability, configuration control, logistics failure analyses, system planning, quality assurance, system verification, training, data management, and integrated system testing to the fields of nuclear enrichment, fossil fuel processing, pipeline systems, offshore exploration and ocean mining.

At SDC, project management and control includes project planning, work breakdown structure development, project scheduling, milestone definition, budget development analysis, cost and schedule reporting, performance analysis and reporting, cost/schedule/performance forecasting, and earned value analysis. We support these functions with a number of computerized systems that provide data for effective project management.

Engineering design and analysis skills at SDC have contributed to electrical, mechanical and instrumentation systems around the world. Our capabilities in this area include structural analysis, dynamics, thermal analysis, ocean engineering, computer technology, design support, data acquisition, data analysis, and seismic analysis. Well-known structural analysis programs such as STARDYNE® and MARRS™ have been developed by SDC.

Try Us On For Size

We're proud of our new hat. We'd like to show you how a systems company *performs* in the energy and environment field. Write or call:

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