

Rare Element Solutions, LLC



Reclamation of Rare Earth Elements from Hard Disk Drives and other Media



Mission

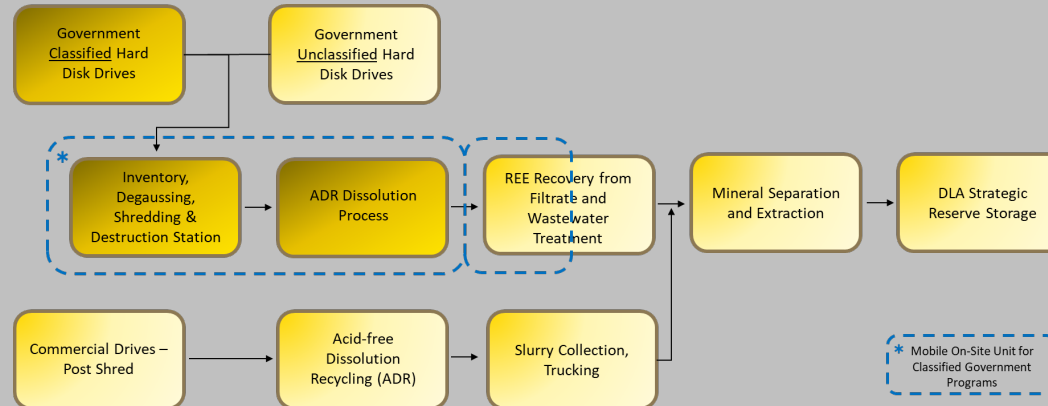
- Responsible retirement and disposal of IT assets which contain Rare Earth Elements that are strategic to the creation of weapon technologies.
- Identify and develop opportunities and methodologies to enhance the critical national stockpile of Rare Earth Elements using innovative reclamation technologies.

Focus

- Pilot in which critical minerals/rare-earth elements are extracted from shredded hard disk drives and provide the Government the ability to validate process to return materials to Critical Material Stockpile.



Process



Rare Element Solutions, LLC

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System for Award Management:

Cage Code: 0QHT8

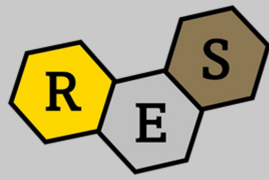
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Compliant & Certified:



Leadership



Jack Richmond
Managing Partner & CEO



An accomplished leader with over 40 years of experience accelerating corporate success. Specialize in technology development, manufacturing, acquisitions, new business start-ups, and program & contract management in programs involving U.S. & foreign Governments, commercial entities and universities. A retired Navy Captain and former Government Contracting Officer with an undergraduate degree in Political Science-International Politics, a Graduate Degree in Government Contract Law and U.S. Government certifications in Acquisition/Contract Management and Program Management. A graduate of The Citadel in 1978, Jack was immediately commissioned as a Naval Officer, retiring from the Navy after 20 years of service to our Country. A Department of Veteran Affairs verified Service-Disabled Veteran, Jack has held former positions as Executive Vice President of Dynamic Technology Systems, Inc. and President and Chief Operating Officer of The Dalton Gang, Inc., as well as Corporate Officer positions on several Small and Service-Disabled Joint Venture Companies.

Ed McDonald
Partner & COO



A retired Service-Disabled Veteran of the United States Air Force. A Special Operations Combat Controller who served in Operation Enduring Freedom (Afghanistan), Operation Desert Shield / Desert Storm (Iraq) and other areas of conflict. Has intensive portfolio in Project Management, and Business Development to meet clients Goals and Objectives. Helped stand up DHS in 2003. Implemented policy, regulations, and implementation of the new department at DHS headquarters Washington, DC. An experienced executive leader with more than 30 years of organizational and institutional change leadership involvement, as a Department of Homeland Security (DHS) Director (GS15/SES), business executive. As Director of Incident Management under the Office of the Director of the Operational Integration Staff, DHS, Ed facilitated the development and implementation of the Secretary of Homeland Security's Playbooks for Incident Management. This implemented Congressionally mandated sections of the 2002 Homeland Security Act along with Homeland Security Presidential Directive Five (HSPD-5).

Bill Downer
Partner & Managing Director



With over 20 years of executive leadership experience in support of both the public and private sectors, Bill specializes in globally growing and leading sales and services organizations. His experience includes positions as Director of National Programs at Seagate Government Solutions, prior to which he spent 12 years working at Seagate Federal, a data storage company providing mission centric storage solutions and devices to US Government agencies and government contractors. There he served as a Federal Business Development Manager and was responsible for growing the company's ClusterStor business by working directly with government customers. Prior to this, he held several sales-related directorial roles in companies such as Sun Microsystems, StorageTek, Quantum, Mellanox Technologies and DataDirect Networks. Bill began his professional career in Digital Equipment, a former major player in the computer industry, where he served as a sales manager for civilian agencies. Bill holds an MBA from Averett University and a Bachelor's degree in Religious Studies from Randolph-Macon College.