BFA SYSTEMS

DEPENDABILITY.

EXPERIENCE.

TRUST.

BFA SYSTEMS

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BFA SYSTEMS, INC., A WOMAN-OWNED SMALL BUSINESS, IS EMERGING AS ONE OF HUNTSVILLE'S LEADING TECHNOLOGY AND ENGINEERING CORPORATIONS PROVIDING ANALYTICAL INNOVATIONS FIN THE AIR, SPACE, AND MISSILE DEFENSE COMMUNITY, AND IN THE AREAS OF LIQUID AND SOLID PROPOULSION, STRUCTURES, AND SOFTWARE DEVELOPMENT. BFA SYSTEMS CONSISTS OF A CLOSE-KNIT GROUP OF DEVOTED PROFESSIONALS UNIQUELY BLENDED TO ENSURE RESPONSIVENESS AND VERSATILITY TO MEET THE DEMANDS OF OUR GOVERNMENT CUSTOMERS. BFA SYSTEMS'TEAM OF DEDICATED PERSONNEL STRIVES TO SUPPORT CUSTOMERS THROUGHOUT THE SYSTEM ENGINEERING LIFE CYCLE FROM CONCEPT DEFINITION TO PRODUCTION AND FIELDING. BFA SYSTEMS IS COMMITTED TO PROVIDING SUPERIOR PRODUCTS WITH AN ENTHUSIASM AND DEDICATION THAT FEW LARGE COMPANIES CAN ACHIEVE.

JOINT BATTLE MANAGEMENT

COOPERATIVE ENGAGEMENT CAPABILITY (CEC)
TACTICAL COMPONENT NETWORK (TCN)
COMPOSITE TRACKER AND TARGET CLASSIFICATION SYSTEM (CTC)
INTEGRATED ARCHITECTURE BEHAVIOR MODEL (IABM)
SINGLE INTEGRATED AIR PICTURE (SIAP)
COMBAT IDENTIFICATION (CID)
PHYSICAL DESIGN ANALYSIS AND ASSESSMENT
MULTI-SOURCE INTEGRATION
NETWORK ANALYSIS AND EVALUATION
TACTICAL DATA LINK ANALYSIS
TIMELINE CRITICALITY ANALYSIS
BATTLEFIELD LAYDOWN ANALYSIS
INTEGRATED DEFENSE DESIGN (IDD)

LETHALITY

LETHALITY ASSESSMENT OF BMD SYSTEMS AGAINST US THREATS
LETHALITY EXPERIEMENTATION
HARDWARE FABRICATION
SCHEDULING & BUDGETING
TEST PLANNING

ROBOTICS

SYSTEMS ACQUISITION GUIDANCE, ASSISTANCE AND SUPPORT
PROGRAM MANAGEMENT SUPPORT
SYSTEMS ENGINEERING SUPPORT
DESIGN AND REQUIREMENTS DEVELOPMENT, EVALUATION AND ANALYSIS
THREAT TACTICS, TECHNIQUES, AND PROCEDURES
CONTINGENCY PLANNING, EXPERIMENTATION AND DEVELOPMENT
TECHNICAL ASSISTANCE AND SUPPORT
TRADE-OFF STUDIES AND ANALYSIS
TROUBLESHOOTING AND REPAIR OF ROBOTS
TEST AND EVALUATION OF ROBOTS

TEST AND EVALUATION

SOFTWARE TESTING
SOFTWARE IN THE LOOP TESTING
SYSTEM TESTING
SYSTEM INTEGRATION TESTING
HARDWARE IN THE LOOP TESTING
LIVE FIRE AND FLIGHT TESTING SUPPORT

TEST ANALYSIS AND REPORTING

ANALYSIS SUPPORT
JOINT ANALYSIS TEAM (JAT) SETA SUPPORT
STANDARDIZATION OF ANALYSIS TOOLS; FOCUS ON CTF-DEVELOPED PRODUCTS
LEAD FOR WARFIGHTER ANALYSIS DIVISION AT HUNTSVILLE CTF
LIAISION TO THE WARFIGHTER SUPPORT CENTER AT JNIC
OVERSIGHT OF JOINT ANALYSIS DISPLAY ENVIRONMENT (JADE) OPERATIONS
SUPPORT GOVERNMENT TO IDENTIFY GROWTH OPPORTUNITIES WITHIN CTF

SOFTWARE DEVELOPMENT

MODELING & SIMULATION SOFTWARE DEVELOPMENT
EMBEDDED SOFTWSARE SYSTEMS
HARDWARE IN THE LOOP (HWIL) CONTROL SOFTWARE

MODELING AND SIMULATION

ARCHITECTURAL AND DESIGN EVALUATION AND ANALYSIS
SCENARIO DESIGN, DEVELOPMENT AND INTEGRATION
METHODOLOGY DEVELOPMENT, ASSESSMENT AND TRACKING
TRUTH DATA GENERATION AND VERIFICATION
CONTINGENCY PLANNING, EXPERIMENTATION AND DEVELOPMENT
TECHNICAL ASSISTANCE AND SUPPORT
TRADE-OFF STUDIES AND ANALYSIS
SOFTWARE/JOINT REVIEW SUPPORT
DATA ANALYSIS AND REPORTING

VERIFICATION, VALIDATION AND ACCREDITATION (VV&A)

VV&A PLANNING, SCHEDULING AND COORDINATION
SYSTEM REQUIREMENTS ANALYSIS
VERIFICATION REQUIREMENTS DEVELOPMENT
REQUIREMENTS COORDINATION AND VERIFICATION
DATABASE DESIGN, DEVELOPMENT AND MAINTENANCE
PERFORMANCE ASSESSMENT AND VERIFICATION
VALIDATION PLANNING, ASSESSMENT AND REPORTING
ACCEPTABILITY ASSESSMENT AND COORDINATION
REPORT DEVELOPMENT, DOCUMENTATION CONTROL AND LESSONS LEARNED TRACKING

SOFTWARE INDEPENDENT VERIFICATION AND VALIDATION (SIV&V)

SIV&V PLANNING, SCHEDULING AND COORDINATION
SOFTWARE REQUIREMENTS ANALYSIS AND VERIFICATION
SOFTWARE DESIGN ANALYSIS AND VERIFICATION
RISK ANALYSIS, ASSESSMENT AND TRACKING
SOFTWARE RE-USE ASSESSMENT, ANALYSIS AND EVALUATION
SOFTWARE TEST AND EVALUATION
SOFTWARE METRICS, MEASUREMENT AND ANALYSIS

DEFENSE

MISSILE DEFENSE

SPACE

ROBOTICS