

# Fusion Enterprise Solutions Group (ESG)

## Technology Integration Contractor (TIC)



Fusion Technology offers a turnkey and complete technology integration service offering directly to end users and prime contractors in Capitol Improvement and/or Real Estate portfolio projects.



### Telecommunications Cabling Infrastructure (Layer 1) Installation & Commissioning

Design/Build or Bid/Build of Telecommunications infrastructure and/or system implementation of CSI Division 26-27 Contractor Scope of Work. Typical contract includes: Shop Drawings, Technical Submittals, Material Logistics, Trade Coordination, Site Survey, Installation, Change Response, Testing & QA, Commissioning, and Reporting.



### Data Center (DC) Installation & Commissioning

Design/Build or Bid/Build of Data Centers. Typical contract includes: BIM Modeling, System Integration, Technical Submittals, Service Provider Coordination, Security Evaluation, Life Cycle Modeling, Installation, Cut-Over, Change Response, Testing & QA, Commissioning, and Reporting.



### Technical Security Systems (TSS) Installation & Commissioning

Design/Build or Bid/Build of Security & Access Control System implementation of CSI Division 27-28 Contractor Scope of Work. Typical contract includes: Shop Drawings, Technical Submittals, Material Logistics, Trade Coordination, Site Survey, Installation, Change Response, Testing & QA, Commissioning, and Reporting.



### SCIF/CAA Turnkey Construction and Deployment Services

Design/Build or Bid/Build of Secured Compartmented Information Facilities / Controlled Access Area for Intel Community (IC) end users operating OCONUS. Services are scalable and can be limited to the technology envelope or turnkey to include all CSI Divisions of Construction. Accreditation documentation and coordination included.



### Audio Visual Systems (AV) Installation & Commissioning

Design/Build or Bid/Build of Audio-Visual System implementation of CSI Division 28 Contractor Scope of Work. Typical contract includes: Shop Drawings, Technical Submittals, Material Logistics, Trade Coordination, Site Survey, Installation, Change Response, Testing & QA, Commissioning, and Reporting.



### TIC Program & Project Management Services (Outsourced PMO)

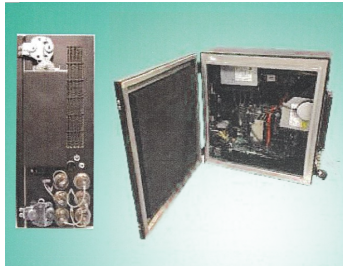
Program and/or Project Management Services are offered to clients and/or who want to retain more control and influence over their IT projects but don't have the requisite skill in-house to manage a complex IT project. Typical services include: Requirements Development, Solution Architecture, RFP Development, Bid Management, Bid Evaluation, Vendor Management, Change Management, Quality Control, and Commissioning.

# Fusion Enterprise Solutions Group (ESG)

## TEMPEST Products & Solutions

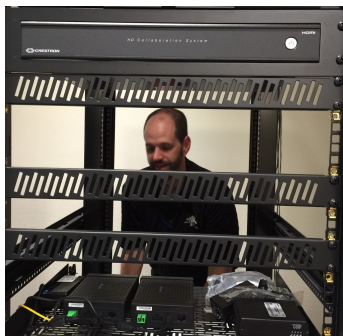


Fusion offers a full range of TEMPEST products and solutions to our end users and leads in development of new solutions to augment client IT security and their mission(s) both domestically and abroad.



### SigBloc™ TEMPEST Products

SigBloc™ is a line of TEMPEST certified IT equipment by ProSync Technology Group, Inc. Fusion is an authorized distributor of this product to the Intel and Defense communities. Current approved products are TEMPEST certified workstation(s). Network switching products are in development with an early 2021 target release date. SigBloc™ products represent a game-changer in the TEMPEST community. They offer higher performance at a lower cost point than current solutions.



### TEMPEST Equipment Installation, O&M, and Warranty Services

Fusion offers operation and maintenance services for TEMPEST equipment. Using our trained and TEMPEST certified IT professionals, we offer installation and verification services and tiered O&M support models that extend the life of the equipment and ensure performance throughout lifecycle ownership. Our service models include rapid response and repair worldwide.

### TEMPEST-L (TEMPEST “Like” Products for EMI sensitive environments)

Fusion offers a variety of IT equipment that is designed and built to TEMPEST standards but has not gone through the certification process. These products are ideal for certain USG and Commercial applications with physical security concerns without a TEMPEST certification requirement. TEMPEST-L products are quicker to manufacture, customize, and sell at a lower cost point than their TEMPEST counterparts.

### TEMPEST-E (“Emerging” Threats & Vulnerabilities in Data Security & Integrity)

Fusion is working with leading industry professionals to evaluate current TEMPEST requirements, cybersecurity threats, and emerging physical threats to IT equipment in the secure environment. New threats represent serious vulnerabilities and Fusion is developing solutions and white papers to educate industry.

# Fusion Enterprise Solutions Group (ESG)

## Design/Engineering Solutions

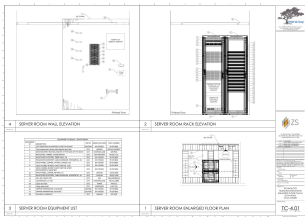


Fusion offers design and engineering services directly to end users, Architectural and Engineering firms, or Prime Contractors. Services are stand-alone or turnkey, bundled with TIC services.

### Project Design & Engineering Services

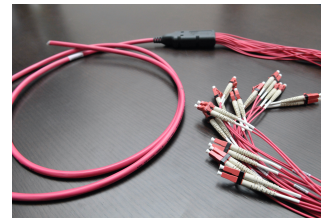
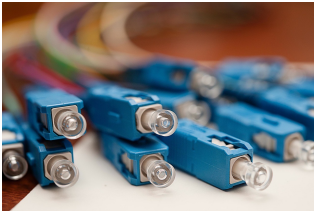
Fusion offers full-service project design & engineering services in CAD or Revit. Standard products include:

- POR (Program of Requirements)
- Specification Development
- Concept and Bridging Drawings
- Design Drawings (30%, 60%, 90%)
- IDR (Integrated Design Review) via Projnet
- IFC Drawings (Issued for Construction)
- Shop Drawings and ASI
- Technical and MSD Submittals
- BIM Modeling
- As-Built Drawings



### Research and Development (R&D) Services

Fusion develops IT solutions for clients in support of their mission.



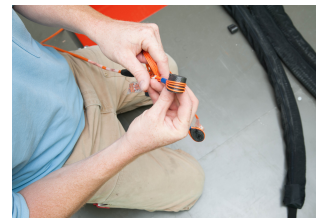
### Specialty Engineering Services

Fusion specializes in the following types of design projects:

- Data Center Design and Engineering
- Structured Zone Topology
- Telecom OSP (Outside Plant)
- Telecom ISP (Inside Plant)
- Telecom Riser Diagrams
- Optical Fiber & Copper Pre-Terminated Cable Assemblies
- SCIF & CAA Construction
- Audio-Visual Design
- Logic Diagrams
- TSS Design

### Test & Commissioning Services

Fusion offers testing and commissioning services for the physical layer infrastructure and/or IT equipment as either part of a turnkey project delivery or as a third-party independent validation and verification. These services are firewalled off from our program and project management services and managed by our engineering team.



# Fusion Enterprise Solutions Group (ESG)

## Lifecycle and O&M Support



Our administrators can support your Lifecycle and O&M activities, encompassing a broad spectrum of services required to assure systems will perform to target levels to which they were designated. We provide organizations with day-to day administration activities necessary to maintain and provide system maximum uptime without disruption to services.

### Configuration Management

Provide planning, change control, status accounting and audit services. Build release, version control, procedures, implementation and testing.

### Program and Project Management

Based on PMI best practice, PMP and ITIL certified personnel support program management functions such as, earned value management, risk analysis, and continuous process improvement.

### Software Testing & Documentation

Perform Test Case development, verification, test plan development, performance tests, regression tests, and evaluation on new software before integrated into operational environments.

### Security Administration

Perform security assessments on all systems. Maintains network and system security by system patching, and ensuring centralized authentication, authorization, and accounting.

### Database Administration

Provide performance analysis and tuning, optimization, data dictionary, and maintenance.

### System Administration

Provide services to include proactively analyzing system logs and identifying potential issues with computer systems. Introducing and integrating new technologies and solutions, performing routine system and software audits, and backups. Apply operating system updates, patches, and configuration changes.

### Network Administration

Concentrate on the overall health of the network, server deployment, ensuring network connectivity throughout an organization's LAN/WAN infrastructure.

### Help Desk Support

Provide desktop assistance to include hardware, software and application support in a Tier 1, 2, and 3 capacity.





# Fusion Enterprise Solutions Group (ESG)

## Differentiators



Fusion Technology believes we stand-out from our competition. Below are some of those differentiators.

### **Comprehensive Offering (One-Stop-Shop) for IT & Technical Project Services & Solutions**

Fusion blends 20+ years of experience in traditional IT outsourced services with 20+ years of IT project delivery to offer a turnkey IT solution. Fusion is a single-source for the entire IT Life Cycle.

### **In-House Subject Matter Expertise (SME)**

Fusion maintains SME's and project professionals on staff. We don't rely on employees who are committed to client contracts or teammates in the development or execution of IT project services.

### **Best in Class Pedigree**

Our team of engineers, project managers, and technicians have worked on some of the largest, most complicated, and mission critical projects in the U.S. Government over the past 10 years. All of our employees are highly skilled, educated, current on certifications, and trained on industry best practices.

### **FFE, RE, A/D/E Background**

Fusion project leadership has an extensive resume in FFE (Furniture, Fixtures, and Equipment), RE (Commercial Real Estate), and A/D/E (Architecture, Design, and Engineering Firms). This background is a major differentiator when coordinating with those trades, solutioning, and understanding the end user desired end state.

### **Solution-Oriented Approach**

Fusion is manufacturer agnostic and supports all IT COTS equipment solutions. We recognize there are multiple ways to meet requirements, so we focus on the desired end state to deliver a functional specification we develop at the onset of each project.

### **Proven IT Services Past Performance**

Fusion has been delivering IT Services to its mission critical environments since its inception (over 12 years). CPARS and PPQ's available upon request.

### **MIC, MAP, & SZT Expertise**

Fusion leadership has significant expertise in MIC (Modular Interior Construction) and MAP (Modular Architectural Products) delivering projects across the CONUS both for Commercial and U.S. Government end users. The Fusion ESG Leadership developed and patented a plug-n-play cable infrastructure solution utilizing a SZT (Structured Zone Topology) design which has been sole-sourced Globally by the DoD.

### **Mission Critical System Focus**

Fusion proudly focuses on USG mission critical projects. We take pride in knowing that our efforts aid the safety, rigidity, and performance of the U.S. Government IC and DOD missions. Each member of our team is a patriot and considers those missions paramount and actively seeks ways to improve and strengthen the mission.

# Fusion Enterprise Solutions Group (ESG)

## Corporate Resume



### Cybersecurity

**DOD/HHS** - Fusion provides Information Technology Security Services to the FBI by determining enterprise information assurance and security standards. This includes developing, implementing, coordinating, and evaluating information assurance and security standards and programs to comply with FISMA and NIST policies.

### Enterprise IT

**DOJ/DOD/DOE** - Fusion's expertise with enterprise search spans multiple software solutions. Fusion provides a critical role in allowing Law Enforcement to search and retrieve relevant information and return accurate results. The experience Fusion hold with enterprise search and retrieval allows for specialized consultation in the management, structuring and storage of large datasets, and the query structuring needed to bring back focused results.

### Cloud Engineering

**DOJ/DOD** - Fusion Technology has the experience to provide Cloud PMO services, Trade Studies, Alternative Analysis, Proof of Concept development, DevOps, design and operation of your cloud infrastructure and the applications running within.

### Records Management

Client Confidential - Design, build, and deploy WEB applications for Oil & Gas industry, utilizing open source and Java technologies on a Cloud based system. Using RDBMS for data/storage with role-based security/access controls, audit logs of all record changes, integrating Google maps and support for in-the-field record capture and retrieval.

### Biometrics

**DOJ/DOD** - Fusion staff are vital members of the FBI Next Generation IAFIS software development program, providing crucial design and implementation support for biometric search services for operational and functional maintenance, enhancement, and system tuning.

### Agile Development

**DOJ/FBI** - Fusion Technology has the knowledge and expertise that enables us to offer highly innovative Agile and DevOps software development solutions including implementation of Commercial off-the-shelf Software (COTS) products, custom applications, and integration with existing applications.

### Knowledge Management

**DoD Army** - Provide infrastructure support for the DoD Automated Biometric Identification System (ABIS) and other BIMA mission critical biometric system supporting the Warfighter, United States Government (USG) Agencies and coalition partners.

### IT Integrations

**DOJ/FBI** - Fusion provided Service Oriented Architecture (SOA) that evolved the FBI from independent IT Systems to enterprise wide interconnected services with the reliability, agility, and security demanded by the national law enforcement community. Evolving to the current Fusion Cloud first strategy.

### Systems Engineering

**DOJ/FBI** - Serving in a lead role, Fusion successfully designed, developed, and deployed an ID Management, ID Access Management with Single Sign On Capability throughout the FBI and Law enforcement. This task was submitted for both a program award within the FBI and Federal Government.

### Operations and Maintenance

**DOJ/FBI** - Fusion serves as a major prime and subcontractor for the FBI IT O&M contracts. Our personnel provide system, network, security administration services, requirements management, and release testing to support FBI mission critical systems.

### Lifecycle Support

**DOJ/FBI Various** - Serving in SME contract positions, Fusion successfully deployed, monitored, tested, analyzed, and controlled numerous projects under the FBI and has served in lead supporting positions as support services directly to the FBI.

# ESG Leadership Resume



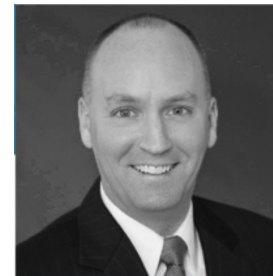
The Fusion ESG leadership team has worked together for 15+ years and adds substantial project credentials to the Fusion Eco System.

Design & Engineering (EOR)	Telecom System Installation & Commission	TSS System Installation & Commission	Audio Visual System Installation & Commission	Infrastructure Testing & QA	Electrical Pathways Installation & Coordination	SCIF/CAA Design/Build Construction	Project Name SOW End User Location
X	X			X			470* MIB - U.S. Army San Antonio, TX
	X	X			X	X	Amman LEGAT - FBI Amman, Jordan
		X			X	X	Bangladesh LEGAT - FBI Dhaka, Bangladesh
				X			Berlin Upgrade - Department of State Berlin, Germany
				X			Bishkek NEC - Department of State Bishkek, Kyrgyzstan
X	X	X		X	X		Brunei NCC - Department of State State of Brunei
				X			Brussels NATO - Department of State Brussels, Belgium
X	X			X			Camp Zama - U.S. Army Tokyo, Japan
X	X			X	X		Caracas MSGQ - Department of State Caracas, Venezuela
	X		X	X			CO Lease Fit-Out - Department of State Gaziantep, Turkey
X			X	X			Delaware North - Private Sector: Hospitality Buffalo, NY
		X			X	X	Frankfurt LEGAT - FBI Frankfurt, Germany
X	X		X	X	X		FTTTF - FBI Arlington, VA
				X			Haiti NEC - Department of State Port-au-Prince, Haiti
X			X	X			HCA - Private Sector: Healthcare Nashville, TN
		X			X	X	Hong Kong LEGAT - FBI Hong Kong, China
X	X			X			Houston FO - FBI Houston, TX
		X			X	X	Jerusalem LEGAT - FBI Jerusalem, Israel
				X			Kabul NOBX - Department of State Kabul, Afghanistan
				X			Kabul SDA 1 - Department of State Kabul, Afghanistan
				X			Kabul SDA 2&3 - Department of State Kabul, Afghanistan
				X			Karachi Upgrade - Department of State Karachi, Pakistan
X	X		X	X	X		KCRIMS - Department of Energy Kansas City, MO
				X			Mauritania NEC - Department of State Nouakchott, Mauritania
	X	X	X	X	X		Montevideo Rehab - Department of State Montevideo, Uruguay
				X			Morocco NEC - Department of State Rabat, Morocco
				X			N'djamena NEC - Department of State N'djamena, Chad
X	X	X		X			Oceaneering - Private Sector: Manufacturing Chesapeake, VA
X	X		X	X			Philips Lytle - Private Sector: Legal Buffalo, NY
X	X			X			Schofield Barracks - U.S. Army Oahu, HI
X	X			X			Skopje NEC - Department of State Skopje, Macedonia
X	X			X	X		Tucson RA - FBI Tucson, AZ
X	X			X	X		USARSO Opt1 - U.S. Army San Antonio, TX
X	X			X	X		USARSO Opt2 - U.S. Army San Antonio, TX
X	X			X			USTRANSCOM - U.S. Air Force Scott AFB, Illinois
		X			X	X	Vienna LEGAT - FBI Vienna, Austria
				X			Vienna OSCE - Department of State Vienna, Austria
X	X		X	X			Wellington Rehab - Department of State Wellington, New Zealand



## Daryl D. Dixon

Daryl has over 22 years of experience in developing technology solutions in mission critical and Fortune 500 environments. His experience includes R&D, Solution Architecture, Engineering, Project Management, Contract Management, and QA. His expertise spans the lifecycle of IT project delivery and he serves as the Program Manager of the ES Group.



## Matthew Coviello

Matthew has over 18 years of experience in the development and delivery of technology and infrastructure systems. His experience includes the management of Telecommunications, Audio Visual, Security, Access Control, Building Management, Network, and Enterprise systems for both Commercial and USG end users.



## Rafael Diaz

With 25 years of experience in design, technology, workplace, and project management, Rafael is a former Principal, Director of Design, Director of Technology for prestigious Architectural and Design firms in the SE U.S. He specializes in strategic design and planning that fosters ideal technologically leveraged workplace.

# ESG Project Footprint



Recent Project Experience of ESG leadership team.





# Fusion Technology and Fusion ESG

## Corporate Overview



### Company Background

- **Founded:** 2007
- **Business Type:** Limited Liability Corporation
- **Business Sector:** Government Services & Commercial IT
- **Business Size:** Small Business
- **SBA Designation:** HUBZone
- **Serving:** Intelligence Community (IC), Department of Defense (DOD), Diplomatic & Energy Missions, International & Domestic Critical Infrastructure, Command & Control, and SCIF DB/DBB
- **Facility Clearance:** TS-FCL, WV & MD (with Safeguarding)
- **Personal Clearance:** 95% of employees are cleared (80%+ at TS)
- **Area of Operation:** CONUS & OCONUS
- **Past Performance:** Over \$100M in performed contracts

### Offices

- **Headquarters:** Bridgeport, WV
- **Mid-Atlantic Office / Fusion ESG:** Easton, MD
- **Southeast Office:** Huntsville, AL

### Contract Vehicles

- **GSA Schedule 70**, SIN(s): 132-51
- **GSA MAS**
- **FBI ITSSS**
- **DOS/OBO Worldwide PM & ENG**
- **DOS/OBO Worldwide Telcom & Testing**
- **Navy EPSE**
- **STARS III**
- **NOAA NMITS**
- **DIA SITE III**
- **2<sup>nd</sup> Tier:**
  - CIOSP3, RS3, ENCORE3, OASIS, ITES-3S, DLA JETS, SeaPort NxG

### Affiliations (ESG ONLY)

- **BICSI** – Building Industry Consulting Services International
- **AVIXA** – Audio Visual and Integrated Experience Assoc.
- **AFCEA** – Armed Forces Communications & Electronics Assoc.
- **SAME** – Society of Military Engineers
- **CSI** – Construction Specifications Institute
- **Belden** – **Trusted** Partner Program

### Certifications

- **SB HUBZone** Certified
- **ISO Certifications:**
  - **9001:** 2015
  - **20000:** 2011
  - **27001:** 2013
- **CMMI-3**, Services & Development
- **CMMC-3**, Draft Submitted

### NAIC Codes (ESG ONLY)

- **236220** – Commercial & Institutional Building Construction
- **238210** – Electrical Contractors & Other Wiring Installation
- **238390** – Other Building Finishing Contractors
- **541330** – Engineering Services
- **541512** – Computer Systems Design Services
- **541513** – Computer Facilities Management Services
- **541519** – Other Computer Related Services
- **541618** – Other Management Consulting Services
- **541690** – Other Scientific & Technical Consulting Services
- **561612** – Security Guards and Patrol Services
- **561621** – Security Systems Services



## Contact

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