IRON BOW® TECHNOLOGIES

Empower the Warfighter. Execute Innovation. Enable Readiness.

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Modern Solutions for the Mission

Iron Bow Technologies provides solutions supporting the Department of Defense's (DoD) operational needs today to meet the modernization goals of tomorrow. We are proud to have past experience in supporting all military branches with IT modernization, workforce experience, digital transformation, and cybersecurity solutions to speed decision making and operational effectiveness.

Our teams not only understand DoD environments, but also have the certifications in the latest technologies and tactics. We apply machine learning, artificial intelligence and cloud technologies to align with DoD workflow and security requirements. With a DevSecOps approach, we help introduce technology to allow immediate impact on readiness, performance and accountability.

Bottom Line

We stand ready to help bring IT innovation together for the DoD to compete, deter and win.

Solutions Overview

IT Modernization
Bridging Business & Technology

- Foundational Technology
- Component/Enabling Technology
- Modernization Through Cloud
- Data Center Modernization
- Edge Computing/Edge Networking

Workforce Experience
User Experience Redefined

- Workspace platform- Encompassing total end-to-end
- Improving User Experience/UX

Digital Transformation
Beyond Digitalization

- DevOps/DevSecOps
- Infrastructure as code
- Cloud Native
- AI/ML

Cybersecurity
Fortify Data & Systems

- Zero Trust Architecture
- SASE/SSE
- Security as a Service
- Commercial Solutions for Classified (CSfC)
  - Multi-site Connectivity
  - Campus WLAN
  - Wireless remote client to central site across untrusted network

Support Across DoD

Department of Defense

Iron Bow provides solutions supporting the Department of Defense's (DoD) challenging operational requirements today with scale to meet the modernization goals of tomorrow. We are proud to have past experience in supporting all military branches, Defense Agencies and DoD Field Activities with cloud, collaboration, cyber security, data center, IoT/OT digitization, mobility and networking solutions to speed decision making and operational effectiveness.

Our teams not only understand DoD environments and missions, but continue to expand our certifications in the latest technologies and tactics. We partner with our clients, from technology adoption through workflow transformation and beyond. Our ability to have agile, flexible and modular solutions allows us to not just meet objectives but exceed outcomes for the future.

Iron Bow is proud to manage the complex IT problems of our DoD customers so they can focus on the mission. We provide continuous support and technology solutions for evolving missions across the entire DoD to include:

- All military services: Army, Air Force, Navy, Marines and Space Force.

- Provide DoD and 4th Estate agencies modernized support contracts to expand access to technical services, software and support in coordination with our OEM partners.

- Support a wide variety of DISA programs, OEMs and partners within the DISA Enterprise.

- Prime Contractor on the DISA Fourth Estate Network Optimization (4ENO) contract. Iron Bow provides support in the following areas designed to standardize equipment, enhance cybersecurity, improve interoperability and provide cost effectiveness.

EVOIP

Infrastructure

Peripherals

Workstation (consolidated)

- Provide Webex for Defense, an IL-5 authorized portfolio of collaboration services for US Department of Defense customers who need a secure and modern cross company, cross bordered collaboration to protect users, devices, and information while maintaining compliant state with DoD regulations.

Army

Iron Bow is proud to support the Army in providing ready, prompt and sustained land dominance in support of our nation's security anytime and anywhere. Our technology solutions enable the Army to organize, train, equip and lead, providing Soldiers the tools they need to meet the demands of modern warfare and protection.

Our support of U.S. Army IT modernization goals includes:

- Developing a single system that would allow full-time Soldiers, National Guard, and First Responders to access needed systems and data when and wherever needed. The Iron Bow wireless solution allowed for BYOD and .mil access in a secure and seamless process.

- Engineering, furnishing, installing and testing a compliant AV solution that provided simple transitions between classified and unclassified locations as specified for presentations, teleconferences, and video-teleconferences.

- Procuring 109 separate components of cybersecurity hardware and software and preparing all units for delivery to multiple Army installations.
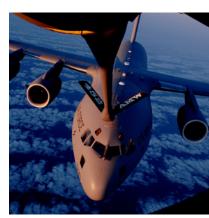
Air Force

For more than three decades, the U.S. Air Force (USAF) has counted on effective and innovative IT solutions from Iron Bow Technologies in their mission to fly, fight and win in air, space and cyberspace. With the future in mind, we work alongside our USAF clients to determine the best technologies to facilitate data-driven decisions to compete, deter and win. Enabling mission assurance and resiliency for joint warfighters around the world, Iron Bow supports every USAF Major Command.

Iron Bow has acquired, designed and integrated full spectrum solutions specific to Air Force requirements, including:

- State-of-the-art, unified communications, utilizing everything over IP (voice, video, data) including video teleconference (VTC) and audio-visual displays. Iron Bow has implemented over 600,000 VoIP and VoSIP phones worldwide.

- Data center storage, backup/recovery, server consolidations and cloud services including the introduction of VDI environments for increased capacity for local users in support of federal, DoD and strategic Air Force initiatives.

- Information transport nodes to enable the extension of AFNet as well as WAN and LAN upgrades.

Space Force

Iron Bow is positioned to be a strategic partner to the Space Force as they begin to deliver on the mission of organizing, training and equipping forces to protect U.S. and allied interests in space. Our experience working across all military branches will inform our support of Space Force as they stand up operations across the world, requiring the development and deployment of IT systems, tools and technologies that support the Space Force mission and need for joint forces collaboration.

Our experience will help Space Force with:

- Asset tracking – We have developed solutions to ensure that critical assets are tracked, not only to provide whereabouts but also to inform users and administration of upcoming maintenance and updates. Iron Bow develops solutions utilizing labeling and ticketing systems to track equipment movement as well as receive scheduled and emergency maintenance alerts.

- Collaboration – We have developed collaboration solutions that meet the security and workflow needs of organizations to ensure not only connectivity with all parties but also modern communication tool integration for seamless work across dispersed teams.

- Base Transition – As Space Force utilizes existing bases and IT resources, we bring a depth of experience modernizing and consolidating data centers to meet the evolving needs of DoD organizations.

Navy

Iron Bow understands how to use technology to transform manual processes into digital workflows while at the same time simplifying network complexity and enhancing security capabilities. We support the Navy in their digital transformation to better use and protect the information needed to recruit, train, equip, and organize to deliver combat ready Naval forces.

We have worked across Navy operations to implement technology solutions that modernize, innovate and defend, including:

- Providing on-board network administrator and database programmer for deployed Naval ship. Support included routing, switching and layer 1 requirements.

- Developing applications to help ship personnel and new passengers with the embark/ disembark process. The solutions helped efficiently access luggage, tracked departures and returns and stored all information in an easy to use database with the customized user interface.

- Providing on-ship troubleshooting and shipboard network systems maintenance for the on-board Defense Medical Logistics Standard Support System (DMLSS).

- Designing, deploying, and validating the installation of 802.11ac wireless networks for optimal performance, security, and compliance for 30 Navy facility sites throughout the continental United States.

Marine Corps

Iron Bow's experience can help the Marine Corps in their transformation into a more littoral, nimble force ready to take advantage of unmanned technologies to succeed in peer-to-peer competition. Integrating communication channels needed for joint force efforts as well as connecting data from unmanned devices to these networks requires a partner with the experience of Iron Bow. Together, Iron Bow and the Marine Corps can utilize 5G and IoT to create the base of the future and build more flexible and resilient data centers and wireless networks.

So far, Iron Bow already has:

- Provided a lifecycle upgrade and replaced all end-of-life equipment in a DoD data center, consolidating computing infrastructure from 200 servers down to 25 while improving performance and efficiency.

- Designed a hot-hot Virtual Desktop Infrastructure solution for 2,500 users to ensure production systems remain accessible at all times.

- Implemented a plug and play operations environment to allow network communications for training in remote field environments. Video streaming and network equipment were packaged in a hardened case to allow for on-the-go training.

Photo By: Army Sgt. Thomas Mort

4th Estate

Iron Bow is engaged with numerous 4th Estate Agencies assisting in a transformation of infrastructure and communications. Iron bow help construct a contract that allow agencies to take advantage of complete feature sets with manufacture portfolios and enable rapid expansion and deployment.

Multiyear Support
Provide a multiyear software, support, and services contract for 15 agencies

Dedicated Customer Experience
Dedicated customer experience team focused on individual agencies mission and time to value

Provide Solutions
Helping modernize the agencies solutions to enable best in breed features and services.

Global Enterprise Modernization Software and Support (GEMSS)

What is GEMSS?

Iron Bow and our partners at Cisco are providing the DoD and 4th Estate agencies an accelerated path to technology modernization. The Global Enterprise Modernization Software and Support (GEMSS) contract is a modernized support contract that expands our military's access to technical services and enables them to consume unlimited software and licenses for Cisco routing, switching, and wireless technology. Cisco is partnered with the prime contract holder, Iron Bow Technologies. Combined, we provide support over the life of the contract.

What is included in GEMSS?

The Cisco GEMSS is a modernized support contract that expands our military's access to technical services and enables them to consume unlimited software and licenses for Cisco routing, switching, and wireless technology.

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What agencies are included in GEMSS?

- U.S. Air Force and Space Force
- DISA
- DLA
- 4th Estate

Leveraging Technical Expertise

Leverage Our Unique Technical Expertise and Teammate Value Add

Our expertise and master certifications position Iron Bow to be your go-to partner solutions designed for the DoD

- 30+ years of DoD experience

- Ability to design & deploy complex mobility solutions

- In-depth Contact Center Express experience including scripting

- Deep understanding of Microsoft integration (O365, Teams and Exchange/AD)

- Secure Voice/VoSIP experience

- Programmability & Automation expertise

- First Cisco partner certified for HCS

- Full ability for UCM Cloud

- In-depth private cloud design, deployment, and Managed Service experience

- 24/7/365 NOC with cleared personnel

- Most Collaboration CCIEs for any Federal Partner

- Global Reach cleared for work up through TS-SCI

- Hardware procurements, DoD contract requirements

- Lowest hardware/software pricing

- Logistics, warehousing, configuration, UID/RFID labeling

- NIPR/SIPR Connectivity, Help Desk Support, ServiceNow

- As-a-Service Offerings

- OTA experience and Success

- Top OEM Partner Certifications

- Secure Networking, Wireless, Data Center, and Unified Communications Services

- Cisco UC and Microsoft Integration

- CSfC Trusted Integrator

- Everything over IP (voice, video, data)

- Audio-Visual and VTC Solutions

- Secure Wireless

- Zero Trust Architecture

- IOT connectivity and edge computing

- Commercial Solutions for Classified (CSfC)

Strategic Partnerships

Partner since 1998
Certified Partner

Partner since 1998
Titanium Partner

Partner since 1998
Platinum Partner

Partner since 2004
Platinum Partner

Partner since 2004
Premier Partner

Significant Contract Vehicles

GWAC & MAC

Army ITES-3H	Army ITES-3S	Army ADMC-3	Army ITES-SW2	GSA IT Schedule 70
NASA SEWP V	NIH CIO-CS	SeaPort NXG	Air Force GSA 2GIT	DoD ESI DoD 4ENO

Iron Bow is the only IT vendor to hold all four CHESS contracts.

Learn more by heading to our CHESS resource center
https://ironbow.com/techsource/ites-3h-resource-center/

IDIQ

- DevSecOps BOA
- Department of State - Desktop GITM
- AF ABMS

GEMSS

- USAF and Space Force
- DISA
- DLA
- 4th Estate Agencies

OTA Consortiums

- SOSSEC
- C5
- IWRP
- NSTXL
  - SpEC
  - TREX
  - S2MARTS
- NSC

WHERE
IT INNOVATION
COMES TOGETHER

Providing trusted IT solutions designed to empower our warfighters.

Visit **ironbow.com** or get in touch with our team at **Sales-BD@ironbow.com**.

Iron Bow Technologies

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