



UEI	CAGE CODE	SAM.GOV	BUSINESS SIZE	OWNERSHIP	PAYMENT
PLJNTC3BPHG1	88450	Active	Small Business	Veteran & Minority-Owned	Electronic Funds Transfer

BWi provides design, development and consulting services for businesses to improve customer experience and overall business efficiency, by integrating a company's products and or services with current technologies and planning for future advancements in technology.

CORE COMPETENCIES

Computer Vision & Edge AI

- Custom modular box stack for instant AI inferencing
- Drone scene detection module suite
- IoT analog and digital sensor development
- Microcontroller product development

Network, Platform & Systems Infrastructure

- Network infrastructure consulting services
- CMS project and design management platform
- In-house network transport security protocol
- Switching and routing design; coverage and security
- Future technologies development

Geospatial Platforms & Data Integrity

- WOSTR Geospatial Information System virtual environment
- Geo-location based data verification
- Profile Type (use case) provisioning
- Blockchain development for data provenance

Industrial & Embedded Systems

- Controllers, sensors, ball and solenoid valves
- Automation for lab pure water filtration systems
- Entertainment and tech integration (FFAMTECH)

PAST PERFORMANCE

INDUSTRIAL AUTOMATION & IP FILING

Fidelement Group International

Automated a legacy proprietary water distillation system for laboratory pure water purification, including the dual-phase filtration system, covering the controller, sensor and valve layer. Prepared the USPTO application filing with white paper specification write-up and CAD drawing designs.

ANDROID APPLICATION DEVELOPMENT

InterAlia

Native Android development in Kotlin for the law firm, delivered in collaboration with Hermetics on user interface enhancement and cloud database integration.

DELIVERY PLATFORMS

WOSTR

A Geospatial Information System virtual environment. Profile Types provision it per use case, so an operator sees the layers, tooling and data for their mission rather than a general purpose console. Geo-location based verification applies to the data moving through it.

CMS

Project and design management platform with corporate-social collaboration groups, keeping design, engineering and delivery in one place across many use cases.

DIFFERENTIATORS

01 One vendor across the stack

Product design, network infrastructure and the software on top come from the same team.

02 Inferencing at the edge

Our own modular box stack runs detection at the point of capture.

03 Verification built in

Geo-location based data verification and blockchain for provenance.

04 Platform delivery

WOSTR virtual environment and the CMS collaboration platform ship with the work.

INTEGRATED SYSTEMS

- **Drone platforms** — fleet management, scene detection
- **Camera / video** — video surveillance platform
- **Web interfaces** — operator consoles and dashboards
- **Product stacks** — firmware through application layer
- **System integration** — business systems and data, devices to cloud
- **Data telemetry** — streaming, sync and orchestration
- **Industrial automation** — controllers, sensors, valves
- **CMS platform** — project and design management

NAICS CODES

541511

333310

334118

513210

541370

541512

561621

711130

PSC / FSC CODES

1550

4610

4620

7A21

7G21

AJ13

DA10

DJ01

N063

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