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# Black Wave

DESIGN & DEVELOPMENT



GET STARTED



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## About Black Wave

Black Wave is a Service-Disabled Veteran-Owned small business that began as a boots-on-the-ground construction firm. We have delivered work in demanding environments where mission, safety, and reliability matter more than anything else.

Over time, we added deep decision science and Gen AI capabilities to tackle persistent challenges in planning, logistics, and communication. Today, we bring both disciplines to every engagement—so owners never have to choose between practical execution and advanced analytics.

## What Sets us Apart

- Service-Disabled Veteran-Owned Small Business (SDVOSB)
- Experience supporting federal, corporate, and research environments
- Hands-on construction background plus advanced analytics expertise
- 25+ years of mission-aligned delivery

## Proven Performance

Black Wave has a proven track record building reliable sites on time and on cost. As a decision science functionality, Black Wave sets its self-apart with award-winning decision models that leverage cutting technology of Generative AI



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## Construction Services

General construction and renovations delivered by a SDVOSB with hands-on experience in demanding federal and commercial environments. Successfully managed multiple multi-million dollar construction efforts efficient and effectively resulting in outstanding performance record.

## Our Construction Capabilities

### Civil Construction

- Structure Erection / Upgrades
- Taxi-Way / Road Construction
- Directional Boring
- Engineering / Design
- Maintenance / Repair

### Logistics

- Shipping/Receiving Solutions
- Warehouse/Kitting
- Inventory Management
- Procurement/Decommission

### Technical Infrastructure

- Inside Plant/Outside Plant
- Data Centers/Cloud Compute
- Information Security

### Telecommunication

- Aerial Work
- Mobile Equipment Install
- Microwave/Point-to-Point

## Decision Science Service

Designing and Developing decision models to manage uncertainty within complex operating environments. Applying cutting-edge advanced analytical techniques such as machine learning and generative AI result in improved strategic planning, logistics application and resource allocation decision-making across portfolios

## Our Decision Science Capabilities

- Strategic resource allocation optimization
- Efficient operational & logistics planning
- Executive dashboards & scenario analysis
- Work packaging and phasing optimization
- AI-enabled planning for capital projects

## Knowledge Executive with Large Language Insights K.E.L.L.I.

KELLI AI serves as the agentic facilitator and orchestrator with comprehension of all organizational workflows. Rather than replacing workflows, KELLI AI enriches workflows & decisions with timely and relevant information

- Context Preservation
- Makes latent connections
- Facilitates hand-offs to functional agents
- Analyze cross-workflow insights





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