

BLACK CURRENT LLC

Capability Statement

Drone / ISR Software · Service-Disabled Veteran-Owned Small Business (SDVOSB)
Mission-ready drone and ISR software, built by the operators and engineers who understand it.

Core Competencies

- **Drone / UAS ground control station (GCS) software** — operator interfaces for flight, tasking, and monitoring
- **ISR sensor & imagery data pipelines** — ingest, process, and move surveillance data at scale, cloud-native
- **Mission planning & tasking tools** — plan, brief, and manage UAS missions
- **Intelligence dashboards & analytics** — turn collected data into decision-ready product
- **Full-stack and cloud application development** — end to end, from architecture through delivery and long-term sustainment
- **Secure, standards-driven engineering** — identity and access control, automated testing, documented builds, and accessibility compliance

Differentiators

- **Service-disabled veteran-owned** — SBA VetCert application in process
- **Cleared personnel**
- **Operator + engineer team** — a Navy UAS veteran *and* a senior software engineer, not one or the other
- **Virginia-based** — inside the defense/intel ecosystem, near agencies and primes

Past Performance / Team Experience

New company; the following is the founders' relevant experience.

- **Ryan Roof — Chief Executive Officer** (U.S. Navy, retired; service-disabled): 14 years experience with SOF unmanned aircraft systems (UAS) CONUS/OIF/OEF operations. Current UAS Subject Matter Expert, Operator /Maintainer /Instructor /Evaluator of multiple Group 1 UAS. Operational drone/ISR domain expertise + Navy network.
- **Scot Renz — Chief Technology Officer**: senior full-stack software engineer, 9 years. Prior to founding Black Current, delivered production systems for Wellmark Blue Cross Blue Shield, Glassdoor, Principal Financial, John Deere, Medtronic, and Harvard — regulated, security-sensitive environments where access control, auditability, and documented testing are requirements. Leads systems and cloud architecture, event-driven design, and engineering standards.
- **Extended team**: aerospace engineer and an additional UAS specialist available for surge and specialized tasking.

Company Data

- **Legal name**: Black Current LLC — Virginia LLC
- **DBA**: Black Current Systems
- **Business type**: Service-disabled veteran-owned small business (SBA VetCert — application in process)
- **UEI**: D3GFYXHLNTB6 · **CAGE**: 23C91
- **SBIR SBC control no.**: SBC_002681014
- **NAICS**: 541511 Custom Computer Programming (*primary*) · 541512 Computer Systems Design · 541519 Other Computer Related Services · 541715 R&D, Physical/Engineering Sciences
- **PSC**: DA01 (IT app-development services) · DA10 (app-development software) · R425 (engineering/technical R&D)

Contact

- **Ryan Roof, Chief Executive Officer** — ryan@blackcurrentsystems.com · (703) 424-5937
- **Scot Renz, Chief Technology Officer** — scot@blackcurrentsystems.com · (319) 830-2192
- **Website**: blackcurrentsystems.com