

*Adaptable single sign-on and security for federal agencies in disconnected scenarios.*

**DDIL and air-gapped network environments are common, and sometimes required, in Department of Defense (DOD) environments. Units may deliberately choose to operate in DDIL environments, but equipment failures, outages, or hostile action can force them to operate in these environments.**

When operating in a DDIL environment, DOD units must retain access to critical systems to ensure mission success. This includes having a flexible and resilient Identity, Credentialing and Access Management (ICAM) solution that enables agencies to maintain uninterrupted application access during outages.

Path redundancy is critical to extending the enterprise services to the tactical edge. This can include satellite, 5G, local internet providers, and government-owned network paths. Path redundancy can reduce the number of disconnected scenarios, provide a better user experience, and significantly increase operational visibility and cybersecurity protections.

### NomadID Ensures Identity Continuity

Oxford Computer Group, a MajorKey Technologies Company, and partners have created a robust and versatile ICAM solution for DDIL environments: NomadID. It is designed specifically to ensure the uninterrupted availability of Authentication and Single-Sign-On (SSO) capabilities for organizations operating under challenging or disconnected conditions.

NomadID addresses the complexities and limitations faced by agencies that need to operate efficiently despite these constraints. By focusing on this multifaceted approach, we provide a seamless and reliable authentication experience that upholds security standards – even when the network conditions are less than ideal.

NomadID includes components for identity management, security monitoring, and identity governance, with a

primary identity source and provisioning mechanisms for authentication and SSO for resources at the edge. The identity governance and identity orchestration solutions work with Active Directory to provide identity management and governance in both connected and disconnected operations.

NomadID provides a highly mobile, compact package that can be quickly deployed and utilized in a variety of tactical and edge environments.

### NomadID Benefits

- **Uninterrupted Access and Operational Continuity:** Ensures continuous authentication and SSO, even during outages or low-bandwidth conditions, minimizing downtime and keeping agencies operational and efficient.
- **Enhanced Security and Resilience:** Reduces the risk of unauthorized access and protects against vulnerabilities during system failures with a robust backup mechanism that maintains secure identity management.
- **Adaptability Across Environments:** Supports seamless access management in various conditions, regardless of connectivity issues or geographical constraints.
- **Improved User Experience and Compliance:** Provides a seamless login experience with consistent access controls and audit trails, helping to fulfill regulatory requirements and internal security policies.
- **Cost Efficiency:** Reduces the negative impact of downtime by ensuring resilient identity management systems, decreasing the need for costly emergency interventions.

## Customer Success Story

OCG conducted a Nomad ID Proof of Concept (POC) for a defense agency. The POC demonstrated NomadID's ability to meet key requirements, including:

**Secure, uninterrupted sharing of resources** at the tactical edge by aggregating identities from various identity stores, and by seamlessly onboarding identities from coalition partners. Without NomadID, warfighters deal with antiquated manual processes, including password sharing, in disconnected environments.

**Efficient provisioning of identities** into the Tactical Assault Kit (TAK) Server, Windows TAK (WiN), and Android TAK (aTAK) devices - whether in a disconnected or connected state. The TAK is critical for communication and situational awareness, and NomadID allows identities to be provisioned and governed in a disconnected state.

**Application of IGA capabilities** to the warfighter's identity at the tactical edge, including joiner, mover, and leaver (JML) scenarios. If someone is joining a mission, efficient and secure provisioning and governance is provided by NomadID.

**Automated Identity Provider (IdP) failover** using identity orchestration. NomadID provides a seamless, customizable failover that can be triggered by force or by choice.

Mission readiness, collaboration, logistics, and intelligence are improved by the ability to provide secure, continuous identity services. The POC demonstrated that NomadID extends the vital identity capabilities to support the warfighter at the tactical edge, helping to ensure mission success.

### Registered Company Name:

*Oxford Computer Group, LLC*

### Doing Business As:

*Oxford Computer Group, a MajorKey Technologies Company*

*OCG Federal*

### Year and State of Incorporation:

*2005 (Washington)*

### Facilities Clearance:

*Secret*

### NAICS Codes:

*541512, 541511, 541519, 541990*

### Certifications

- SOC 2 Type 2
- ISO 27001

### Recent Awards

- 2024 and 2025 Microsoft MISA Identity Trailblazer - Finalist
- 2024 and 2023 Microsoft Partner of the Year Defense and Intelligence - Finalist
- 2023 Microsoft MISA Zero Trust Champion - Finalist
- 2023 Saviynt Federal Partner of the Year

### Cage Code

*7FNW9*

### Unique Entity Identifier

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*614772742*

## About Oxford Computer Group, a MajorKey Technologies Company

OCG has specialized in Microsoft identity, security, and governance solutions for nearly two decades. We design and develop innovative solutions focused on delivering business value. We assess architectures and processes, and make recommendations designed to support strategic objectives. To accelerate deployment, we use our proven methodology, best practices, and a unique library of code developed during 900+ projects.

Member of  
**Microsoft Intelligent  
Security Association**

