

INTELLIGENCE | INNOVATION | EXCELLENCE

# ACHIEVING MISSION SUCCESS THROUGH DIGITAL TRANSFORMATION

## LUCENT ADVANTAGE

Since our founding, **Lucent Systems** has been guiding forward-thinking organizations—public and private—through the full lifecycle of digital transformation, combining leading-edge IT services with deep industry insight and flexible talent models.

### WHO WE SERVE



## DIFFERENTIATORS

- ▶ **Cloud & Mainframe Modernization at Scale** Proven experience in legacy modernization, cloud migration, and hybrid infrastructure enablement – delivering resilient, high-performance environments for the DoD and public agencies.
- ▶ **AI-Powered Digital Operations** Full-stack agentic AI automation, ML models, and intelligent workflows designed to enhance productivity, decision-making, and service delivery.
- ▶ **Data-Driven Intelligence** End-to-end analytics—from real-time dashboards and predictive models to DataOps pipelines—for better visibility and insight.
- ▶ **Holistic Cybersecurity & Compliance** Zero-trust architectures, continuous threat detection, EDR/SIEM monitoring, and regulatory alignment (HIPAA, PCI-DSS, government standards).
- ▶ **Flexible Multi-Tiered Workforce** Our staffing options—direct hire, temporary, and temp-to-direct—are tailored to varying project and agency needs.

## CERTIFICATIONS



## CORE COMPETENCIES

### IT CONSULTING & STRATEGY

- Tailored tech roadmaps, cloud adoption, microservices & event-driven planning
- DevSecOps enablement and infrastructure modernization

### AGENTIC AI AUTOMATION

- Autonomous AI agents, intelligent workflows, self-optimizing systems

### APPLICATION SERVICES

- Custom web/mobile/cloud-native applications
- Legacy modernization, ERP/CRM integration, systems engineering

### CLOUD ENABLEMENT & INFRASTRUCTURE

- Cloud migration (AWS/Azure/GCP), hybrid & multi-cloud design
- Infrastructure as Code, scalable HA systems, cost optimization

### CYBERSECURITY & COMPLIANCE

- Zero-trust frameworks, 24/7 threat monitoring, EDR/SIEM
- Regulatory alignment (HIPAA, PCI-DSS, Gov standards)

### QUALITY ENGINEERING & ASSURANCE

- CI/CD-integrated testing, performance & security validation, AI-driven QA

### DATA & ANALYTICS

- Real-time BI dashboards, predictive analytics, DataOps pipelines

### ENTERPRISE & NETWORK SOLUTIONS

- ERP/CRM systems, middleware, unified network architecture, telecom-grade solutions

### IoT & DIGITAL ENGINEERING

- Edge-to-cloud IoT platforms, secure device networks, agile prototyping

## WHO WE SERVE / PAST PERFORMANCE

### PUBLIC SECTOR & EDUCATION

- ▶ State Agencies & Municipalities: Delivered citizen-focused platforms, cloud infrastructure, and modernization services.
- ▶ Higher Education: Developed and managed smart campus platforms, LMS modernization, and research data infrastructure.
- ▶ Government Departments: Led large-scale digital workplace transformations, including mainframe-to-cloud migrations, zero-trust security rollouts, and real-time analytics implementations

### HEALTHCARE & LIFE SCIENCES

- ▶ Implemented secure EHR systems, RCM solutions, and HIPAA-compliant cloud infrastructure.
- ▶ Supported AI-driven diagnostics, clinical analytics, and digital transformation for major health providers and research labs.

### FINANCIAL SERVICES & INSURANCE

- ▶ Developed cloud-native banking platforms, risk intelligence dashboards, and secure underwriting systems.
- ▶ Integrated AI/ML-based fraud detection, claims automation, and compliance workflows for leading insurers and banks.

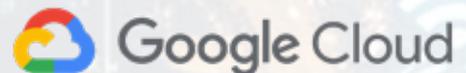
### MANUFACTURING, AUTOMOTIVE & LOGISTICS

- ▶ Powered Industry 4.0 transformation via IIoT platforms, predictive maintenance, and real-time manufacturing insights.
- ▶ Enabled connected vehicle platforms, fleet management, and warehouse automation for global OEMs and suppliers.

### RETAIL, TELECOM & UTILITIES

- ▶ Delivered scalable omnichannel commerce systems, customer analytics platforms, and inventory automation tools.
- ▶ Modernized telecom OSS/BSS systems and built resilient 5G- and IoT-ready infrastructure.
- ▶ Developed smart grid platforms and predictive energy management dashboards.

## TECHNOLOGY EXPERTISE



## PROFESSIONAL CERTIFICATIONS

Azure Cloud Solutions Architect | AWS Certified Solutions Architect | CompTIA Security+  
CompTIA Cloud+ | CompTIA Cybersecurity Analyst+ | Certified Secure Software Lifecycle (CSSL)  
Certified Information Systems Auditor (CISA) | System Security Certified Practitioner (SSCP)