

Engineered for Mission

Delivering Federal Engineering Support
with Precision, Compliance, and
Operational Continuity

Introduction

At the foundation of every federal facility—whether a base, port, air station, or logistics hub—stands a complex network of **engineering support services**. These services don't just keep buildings functioning; they ensure critical infrastructure aligns with evolving mission needs, safety standards, and strategic growth plans.

Strativia provides full-spectrum engineering support services to federal agencies across CONUS, combining project management, GIS/CAD support, mechanical engineering, and real property expertise under one compliant, high-performance umbrella. Our delivery model integrates seamlessly with government systems and workforce structures, ensuring continuity and value in every task order.

The Evolving Engineering Challenge

Agencies across the federal space are experiencing pressure to modernize aging infrastructure, meet real-time data requirements, and optimize their physical asset portfolio. These objectives require:

- **Seamless integration between engineering planning and execution**
- **Geospatial accuracy and utility infrastructure visibility**
- **Real property database integrity and lifecycle management**
- **Compliance with national safety, environmental, and design standards**
- **A cleared, credentialed, and responsive technical workforce**

Supporting these demands takes more than technical skills—it takes a partner like Strativia with a reputation for speed, rigor, and regulatory alignment.



Strativia's Engineering Support Delivery Model

Our approach is designed for mission continuity. We deliver cleared technical personnel and subject matter experts who integrate into federal engineering programs and bring immediate value across six core capabilities:

1. Geographic Information Systems (GIS) & ICAM Support



- Development and maintenance of utility infrastructure mapping through ArcGIS
- Integration with IBM Maximo for asset condition and maintenance record tracking
- Utility Inventory Condition Assessment and Mapping (ICAM) program support
- Data reconciliation between GIS and CMMS platforms for infrastructure decisions3c_SOW_CEU Providence E...

2. CAD/GIS & Data Mapping



- Support for AutoCAD-based facilities mapping and spatial data conversion
- Real property/facility site plan production and as-built updates
- GIS-based data integration with ArcView, Arc/Info, and Microsoft Access
- Digital archiving and compliance with Coast Guard CADD/GIS production standards3c_SOW_CEU Providence E...

3. Real Property Administration



- Documentation and database updates for federally owned and leased property
- Support for enrollment and financial data systems (e.g., Maximo, Oracle, SharePoint)
- Document formatting, graphics support, and legacy data migration
- Development of asset lifecycle tracking tools and validation methods3c_SOW_CEU Providence E...

4. Mechanical Engineering



- Technical advisory services for utilities, HVAC, piping, and critical systems
- Design documentation, cost estimating, field inspections, and conflict resolution
- Coordination with CEU managers, engineers, and A/E contractors
- Engineering consultation for water treatment, steam generation, and energy facilities3c_SOW_CEU Providence E...

5. Workforce Integration & CAC-Ready Compliance



- All personnel meet Common Access Card (CAC) and security clearance requirements
- Background checks, facility access, and cybersecurity awareness enforced
- All roles integrated with USCG systems including MP ICAM, CG-TIMS, and SAM

6. Technical Writing & Program Reporting



- Delivery of formatted technical documentation, site assessments, and stakeholder briefings
- Visual presentations for command leadership and performance metrics
- Policy alignment with FAR, HSPD-12, and DHS data protection mandates



Case Snapshot: Engineering Support for Civil Engineering Unit Providence

Strativia currently supports the U.S. Coast Guard's Civil Engineering Unit (CEU) in Providence, Rhode Island, through an integrated engineering services model. Our responsibilities include:

- ✓ Operating and sustaining the ICAM utility asset visibility program
- ✓ Delivering GIS-based infrastructure updates and condition tracking
- ✓ Supporting CADD production, document digitization, and database integration
- ✓ Providing real property expertise and mechanical engineering consultation across USCG District 1

Our work enables CEU Providence to maintain continuity across its engineering operations and expand strategic mission planning capacity through a unified, data-driven engineering view3c_SOW_CEU Providence E....

Certifications That Set Us Apart

Strativia's engineering delivery is backed by institutional rigor:

-  **ISO 9001** – Quality assurance for repeatable, process-driven project delivery
-  **ISO 27001** – Information security protection across technical systems and documentation
-  **CMMI Level 3** – Mature processes that ensure consistency, compliance, and risk control

These certifications demonstrate Strativia's ability to meet and exceed technical, regulatory, and operational requirements for the federal government.

"From asset mapping to systems engineering, Strativia powers federal infrastructure with clarity and control."

The Strativia Commitment: Engineering with Purpose

Strativia is more than a vendor—we are a mission partner. Our engineering support professionals are embedded, responsive, and committed to ensuring that federal facilities operate with precision, compliance, and operational excellence.

Whether it's updating GIS maps, reviewing mechanical specs, or reconciling real property databases, Strativia delivers with speed, transparency, and accountability.



**Let's engineer the
future—together.**

Strativia (HQ)

1401 Mercantile Lane, Suite 501, Largo, MD 20774
P: 301-362-6555 | F: 301-362-6557 |
www.strativia.com

Strativia Regional Offices:

Arlington, VA | Atlanta, GA | Denver, CO

