A-TEK Facilities Optimization
AN ARCHIBUS BUSINESS PARTNER
Who is A-TEK?

A-TEK delivers enhanced capabilities that enable business transformation, optimization, and sustainment. We support government clients by managing facility information and compliance requirements.

Whether our clients’ orientation is science or national security, our experts understand the underlying mission, and provide a suite of solutions to support their facility management objectives.

Our lifecycle methodology clarifies our client’s pain points and provides go-forward strategies for continual improvement. We accomplish this through collaboration following a logical progression of evaluation, insight, alignment, and enablement.

Our tools, a proven framework and a team of experts provide the innovation and management needed to optimize government facilities and workspace resources.
Federal Facilities at a Glance

**Budgets**
Financial allocations for renovation, improvements, and operations

**Space**
Assignments and utilization of workspace resources

**Personnel**
Accessible and secure facilities resources for government personnel and contractors

**Assets & Utilities**
Overseeing the usage of energy, water, waste and other building services

**Risk**
Adherence to compliance, safety, and regulatory mandates

Facilities Management Domains
“Federal agencies are responsible for fully implementing and instituting a planning process to improve the utilization of government owned buildings, lower the number of excess and underutilized properties, and improve the cost effectiveness and efficiency of the portfolio.” — Executive Office of the President of the United States
### Federal Facilities Management Objectives

#### FACILITIES MANAGEMENT OBJECTIVES

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<th>TRANSFORM</th>
<th>SUSTAIN</th>
<th>OPTIMIZE</th>
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<td><strong>FACILITIES MANAGEMENT DOMAINS</strong></td>
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<tr>
<td>BUDGET</td>
<td>SPACE</td>
<td>ASSETS &amp; UTILITIES</td>
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<td>STAFF</td>
<td>RISK</td>
<td>FACILITIES MANAGEMENT DOMAINS</td>
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<tr>
<td>Automate capital planning process</td>
<td>Use capital projects tools</td>
<td>Develop budgetary strategies</td>
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<td>Streamline space planning process</td>
<td>Use platforms to manage and relocate space</td>
<td>Develop alternative space strategies</td>
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<td>Automate asset &amp; utility management</td>
<td>Use tools for tracking assets &amp; utilities data</td>
<td>Perform utilities ROI analysis</td>
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<td>Implement SLOs &amp; SLAs</td>
<td>Use tools to manage SLOs &amp; SLAs</td>
<td>Make systemic changes to improve service quality</td>
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<tr>
<td>Implement risk mitigation &amp; monitoring systems</td>
<td>Use tools to manage risk &amp; compliance</td>
<td>Perform root cause analysis of risks</td>
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Space & Asset Utilization
Our solutions provide real time intelligence to allocate space and assess the performance of facilities infrastructure.

Utilities & Services Monitoring
We help our government clients track and monitor the usage of energy, water and other facilities services.

Data Management & Reporting
Our integrated solutions perform analysis and provide visualizations for capital project planning, budgeting and compliance reports.
A-TEK Facilities Optimization Practice
Personnel with advanced skills within facilities data management, systems integration & business process re-engineering.

Business intelligence & IWMS tools that maximizes the usefulness of facilities resources, assets and services.

Lifecycle approach for managing and optimizing facilities management platforms & programs.

The innovation and talent needed to optimize government facilities!
“We are experts who specialize in building data automation, workspace information analysis, business process improvements and program management.”

“We effectively support our government clients by managing facility information, building assets, and compliance.”
Building services, facilities automation & capital improvements support personnel

Experts who design & operate IWMS and BI technology; performing data analysis & management

Consultants who specialize in designing & improving workflows for workspace management

Concierge Services
AutoCAD Engineers
IWMS / BI Engineers
Facility PM / Building Managers
Consultants
Business Analysts

The Expertise

Functional Organization
A-TEK solutions provide insight and intelligence for maximizing facilities resources.
The Technology Partnerships and Alliances

IWMS and Business Intelligence Tools

- **ARCHIBUS**
  - IWMS SW
    - Capital Planning, Space, Energy, Real Estate & Maintenance Management
    - Small, medium & large Enterprise solutions
    - Online, On Premise and Mobile Platforms
    - iOS & Android
    - Local Tech Support

- **Power BI**
  - BI tool with dashboards, scorecards and interactive analytics. MS Excel integration
  - ERP Integration
  - Cloud Based and Mobile Platform
  - Windows 8
  - Strong Predicative Analytics

- **Tableau**
  - BI tool with drag and drop interface to visualize data from multiple databases
  - No ERP Integration
  - Cloud Based and Mobile Platform
  - iOS & Android
  - Strong Data Visualization

IWMS and Business Intelligence Tools
The A-TEK Facilities Optimization Lifecycle is a three phased process for transforming and optimizing facilities management tools and practices.
Facilities Optimization
Lifecycle: Transformation

1. Transform
   - Requirements analysis
   - Assessments & strategies
   - Solution architecture
   - Integration & testing
   - Training

2. Assess & automate facilities resource management functions & processes

3. Make systemic improvements in workspace & facilities information management
Facilities Optimization Lifecycle: Sustainment

1. Manage & support facilities information collection, data requirements & IWMS tools

2. Make systemic improvements in workspace & facilities information management

TASKS
- Talent sourcing & staffing
- Program management
- Compliance management
- Performance monitoring
- Reporting
Facilities Optimization Lifecycle: Optimization

- Performance analysis
- Continual improvement projects
- Validate and test alternative solutions
- Corrective action plans

Make systemic improvements in workspace & facilities information management
The Roadmap to Optimization

1. Facilities information assessments, pilots, and the implementation of new IWMS and BI technology

2. Facilities information management programs and staffing

3. Turnkey facilities optimization

SUSTAIN

OPTIMIZE

TRANSFORM
## Service Offerings

<table>
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<tr>
<th>Service Tiers</th>
<th>Assessment</th>
<th>Transformation</th>
<th>Sustainment</th>
<th>Optimization</th>
<th>Outsourced FDM*</th>
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<tr>
<td>Operational</td>
<td>Technology</td>
<td>IWMS Solution Architecture</td>
<td>Operations &amp; Staffing</td>
<td>BI and IWMS Configuration &amp; Tuning</td>
<td>Dedicated Facilities Experts</td>
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<td></td>
<td>Compliance</td>
<td>IWMS Implementation Plan</td>
<td>Program Management</td>
<td>Business Process Re-engineering</td>
<td>Facilities Information Service Desk</td>
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<tr>
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<td>Environmental</td>
<td>IWMS Implementation &amp; Testing</td>
<td>Performance Monitoring</td>
<td>Alternative Strategy Development</td>
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<tr>
<td></td>
<td>Service &amp; Utilities</td>
<td>Training</td>
<td>Configuration Management</td>
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<td>Organizational</td>
<td>Pilots &amp; Proof of Concepts</td>
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*FDM: Facilities Data Management*
“Our problem became your challenge. Your challenge soon became solutions. Words cannot express enough thanks to Team A-TEK for what you have done to help us develop and manage our Facility Information Management System powered by ARCHIBUS. You have demonstrated unwavering ability in providing excellence in the services you provide. Thank you for your continued efforts to address our needs and achieve our goals.”

“A-TEK has provided high quality service and knowledge using ARCHIBUS to help manage our 1.5 million square foot biomedical enterprise. They bring creativity, quality and excellence with each action to help our organization achieve our goals.”