

# ATOMIC TECH ASSESSMENT

## Remove the uncertainty from your digital strategy and transformation.

The Atomic Tech Assessment (ATA)<sup>TM</sup> is a comprehensive inventory and analysis of your existing technology and infrastructure. It's designed to give you a strategic technology roadmap and budget as part of your business plan and digital strategy.

### In-Depth Discovery and Expert Analysis of

- Your **Business**
  - IT Strategy and Leadership
  - Employee Account Review
  - User Experience and Pain Points
- Your **Security**
  - Baseline Cybersecurity Hygiene
  - Patching and Vulnerability Handling
  - Mobile Device Management
  - Multifactor Authentication and Single Sign On
- Your **Cloud Infrastructure**
  - Multi-Cloud Review (Azure, AWS, Oracle, Google)
  - Baseline Microsoft 365 Security Review
  - Microsoft 365 Licensing and Usage
- Your **Physical Infrastructure**
  - On-Premises Servers (Physical, Virtual, Storage)
  - Firewalls, Routers, Switches, and WiFi
  - Lifecycle and Asset Management
  - Workstations and Printers

### The Proven Atomic Tech Assessment Process



Following data collection and analysis, engineers assess and score your technology to provide industry best practice recommendations for upgrades, rightsizing, replacements, or service changes. Then we bring it all together with an executive presentation and deep-dive deliverable that you can leverage however you choose.

### Go Deeper with Focused Add-Ons

 Choose one or many based on your business model and IT challenges.

**WIRELESS PERFORMANCE**



Assess and improve design, security, performance and capacity of your Wi-Fi network

**CYBERSECURITY**



Audit and identify gaps in your existing policies, procedures, and governance

**CLOUD DESIGN & ARCHITECTURE**



Optimize, rightsize, migrate, and transform workloads with this cloud-focused deep-dive

**BACKUP, DR, & BUSINESS CONTINUITY**



Improve your RPOs, RTOs, system design, data resiliency, and cyberattack protection

Get Started on an Assessment Today

# + WIRELESS PERFORMANCE

**From airports to convention centers, health clinics to schools, wireless performance assessments are crucial to optimize efficiency and reliability.**

The **ATA + Wireless Performance** package comprehensively analyzes signal strength, performance bottlenecks, security vulnerabilities, coverage areas, underlying infrastructure, and more.

## Vendor-agnostic Analysis of Your Entire Wireless Infrastructure



## What Do Engineers Review?



**User Experience** components such as captive portal configurations, roaming ability, speed tests, signal strength, connection consistency, and more.



**Capacity & Bandwidth** measurements such as current and potential user load and channel utilization to assess bandwidth usage patterns.



**Interference** from internal devices, external devices, other networks, environmental factors, and physical obstructions.



**Performance** measurements such as throughput/data rate, latency, jitter, packet loss, signal quality, handover between access points, and power efficiency.



**Security** including firmware versions, encryption standards, credential handling procedures, vulnerabilities, authentication protocols, etc.



**Infrastructure** placement, configuration, age, monitoring capability, and management of access points, controllers, and other hardware.



**Coverage** through on-site passive, active, and predictive surveys and heatmapping to measure Wi-Fi signal strength, plan future placement, identify dead zones, etc.

# + CYBERSECURITY



## Take your cybersecurity maturity to the next level.

The **ATA + Cybersecurity** add-on is designed for medium to high-risk SMBs and enterprises with complex operations that handle sensitive client or internal data. It helps you meet or exceed the cybersecurity best practices outlined by the Center for Internet Security (CIS) and significantly reduce your risk exposure.

### Assessing Cybersecurity and Reducing Risk For



Financial Services



Legal Services



Healthcare & Medtech



Multinational Corporations



Government & Municipalities



Infrastructure & Utilities

### A Deep Dive Into 150+ Critical Cybersecurity Safeguards

When it comes to your cybersecurity, the tip of the iceberg isn't enough for your complex operations. We'll go beneath the surface and review all 18 controls and 150+ security safeguards within Implementation Groups 2 and 3 as defined by CIS.

**PHYSICAL SECURITY**  
Key cards, security staff, man-traps, and CCTV all help prevent physical access to your systems.



**NETWORK SECURITY**  
Properly configured firewalls, VLANs, data encryption, intrusion detection/prevention, antivirus and more will keep bad actors out.



**CONFIGURATION HARDENING**  
Are your virtual machines and network devices deployed with default configurations? If so you're asking for an intrusion.



**GOVERNANCE & AUDITS**  
Ensure IT and business strategy are working towards the same objective. Frameworks set you up for success while audits validate outcomes.



**POLICIES & PROCEDURES**  
From mobile device usage to vendor management and data retention, proper creation and upkeep of your policies and procedures is essential.



**ACCESS CONTROLS**  
Mobile device management, on/offboarding, authentication methods, and password vaults ensure you're limiting (and auditing) access into your systems.



# + CLOUD DESIGN & ARCHITECTURE

## Regain control, reign in spending, and prepare for a cloud-first future.

A rush to cloud services has led many businesses to an untenable reality – unpredictable costs, uncertain security posture, inefficient (or nonexistent) integrations, and a lack of in-house expertise to support it all. Customized for your business, the **ATA + Cloud Design & Architecture** brings you the expert guidance you need to address your cloud pain points or future plans.

### MAPPING YOUR CLOUD FOOTPRINT



Do you know where your data is? We'll map it all according to your business structure, bringing you:

- Increased awareness of cybersecurity risk
- Knowledge of critical data at a glance
- An effective tool for data management

### SO MUCH MORE THAN A REPORT

*Executive dashboards and deep-dive digital deliverables give you easy to understand, actionable insight and detail.*



## A Customized, Deep-dive Cloud Assessment to Address Your Needs

- ◆ Multi-Cloud Complexity
- ◆ Unpredictable Expenses
- ◆ Governance & Policy Enforcement
- ◆ Data Security & Privacy
- ◆ Cloud Performance & Latency Issues
- ◆ Cloud Sprawl & Resource Management
- ◆ Vendor Lock-In & Lack of Flexibility
- ◆ Disaster Recovery & Business Continuity
- ◆ Scalability & Performance
- ◆ Cloud Talent Development
- ◆ Compliance Across Geographies
- ◆ Return on Investment Assessments
- ◆ License Portability & Planning
- ◆ Complexity in Migrations
- ◆ Workload Migration Planning
- ◆ Budgeting for Egress & Storage Costs

# + BACKUP, DR, & BUSINESS CONTINUITY (BC)

## Your business has matured. What about your Backup, DR, & BC practices?

Gap analysis, defining recovery objectives, assessing business impacts, testing response plans, validating data integrity – all too often these critical steps happen after a major disaster. Be proactive and find peace of mind with the **ATA + Backup, DR, & Business Continuity** from Atomic Data.

## Why Assess Your Backup, Disaster Recovery, and Business Continuity Practices?

-  **Identify Your Risks & Weaknesses**
-  **Validate Alignment with Business Needs**
-  **Maintain Compliance with Regulations**
-  **Ensure Data & Business Resilience**

Our experts will first assess your current state through a DR Gap Analysis. They'll systematically evaluate your practices compared to industry-standards, regulatory requirements, and business needs. Along the way they'll identify deficiencies in infrastructure, process, technology, or personnel.

## A Custom Assessment & Recommendations According To Your Precise Needs

- Recovery Time Objective (RTO) Assessment
- Cyberattack Resilience
- Recovery Point Objective (RPO) Assessment
- Business Impact Analysis
- Backup of Microsoft 365
- High Availability System Architecture
- Insider Threat Protection
- Network Recommendations
- Multi-year DR/BC Maturation
- Data Integrity Validation
- DR Tabletop Exercises
- Backup Monitoring
- DR Playbook Development
- Implementation Planning
- Backup Immutability
- Replacement/Migration Planning

## Backup, DR, and Business Continuity is a Journey. Where Do You Stand?

