

**A & A Enterprise Limited
A & A Consulting**

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**LEARN FROM THE PAST-PLAN FOR THE FUTURE
HOLDING AT HIGHERSTANDARD**



areas of **EXPERTISE**

A & A Consulting started its mission to provide best of the breed solutions to our clients with our experience team of Analysts, Architects, Developers, and Engineers.

We look at our client's need and help them to find the right solution for their business.

Who **WE ARE**

A & A Consulting (A & A) is a subsidiary and dba of A & A Enterprise Limited (A & A) based in the United States. A & A is a full-service Information Technology company/firm, has local offices in Baltimore, Maryland, USA, Dhaka, Bangladesh, and UAE. A & A concentrates on Application Development, end to end Cyber Security, Hospital Information Management System (HIMS) Infrastructure and Storage Architecture, Consulting, Implementation, Products, Services and Training.

A & A is an IT company that sells products and services, not a sales company that sells IT. Our staff consists of architects, developers, engineers, project manager and technicians.

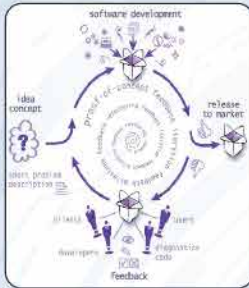
A & A provides strategic planning, technology integration, system engineering, project management, and complete lifecycle support.

- 1 Application & Software Development.
- 2 Application and Data Security.
- 3 Business Continuity and Recovery Services.
- 4 Cloud Solutions.
- 5 Cyber Security and Privacy.
- 6 Data Center Management.
- 7 Disaster Recovery.
- 8 Email Security.
- 9 Enterprise Process and Content Management.
- 10 Hospital Information Management System Capability(HIMS).
- 11 IT Strategic Planning.
- 12 Managed Services.
- 13 Security Operation Center (SOC).
- 14 Staff augmentation.
- 15 System and Storage Management.
- 16 Virtualization.

Application and Software DEVELOPMENT



- *Basic information about the Software Development Lifecycle (SDLC).
- *Identify basic processes and a basic vocabulary regarding (SDLC).
- *Identify sources for additional information.
- *Develop Requirements.
- *Determine Architecture.
- *Implement New Code or Changes.
- *Test System Functionality.
- *Deploy New Functionality.
- *Waterfall (sequential).
- *Iterative (cyclical).

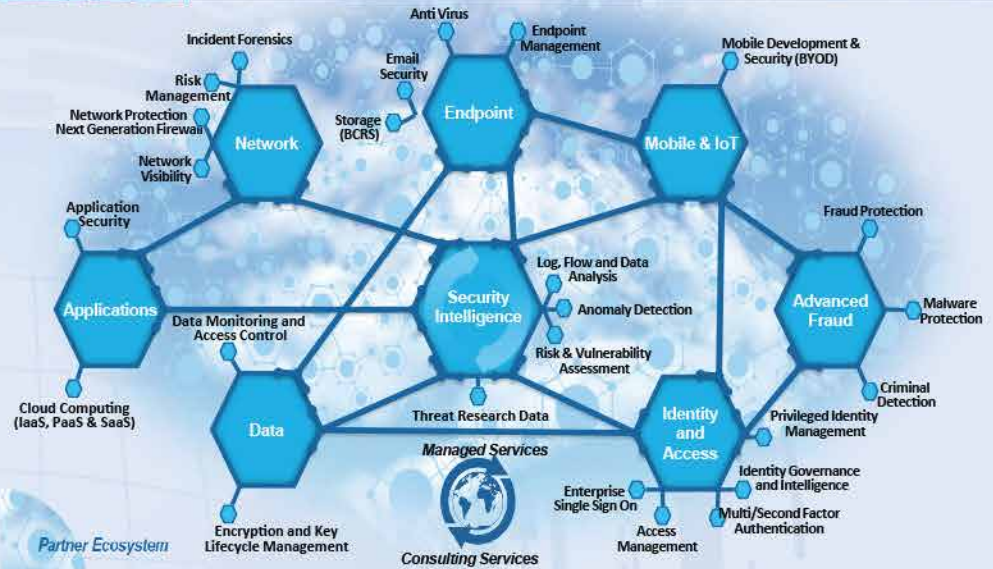


- *Complete.
- *Consistent.
- *Prioritized.
- *Structured.
- *Traceable.
- *Testing Traceability Matrix.
- *Test scripts.
- *Regression Testing.
- *User Acceptance Testing Integration Testing.

Recent engagements:

- *Developed hospital information management software. Currently we have them implemented in ten (10) hospitals in Bangladesh, Gambia and Japan.
- *Developed integrated access management software with smart card, retina scan and finger printing technology to monitor access to a facility.

Software and Integration for a Security IMMUNE SYSTEM



Hospital Information Management SYSTEM (HIMS)



- *Bed/Room/Ward consignment.
- *Blood Bank.
- *Employee Designation, Information with password Setup.
- *Hospital services setup based on the business model.
- *HR Payroll.
- *ICU, HD etc. individual category setup.
- *Identify treatment based on patient illness.
- *IPD/DPD – Patient Registrations.

- *Manage Hospital Department by hospital management structure.
- *PACS/Imaging.
- *Pathology laboratory requirement.
- *Patient Billing.
- *Pharmacy.
- *Physician category by designation and/or other criteria.
- *Supplier and Vendor listing.
- *Transportation (Ambulance).
- *Unit measurement setup.
- *User access control.

Recent engagements:

We have implemented our solution about ten (10) hospitals in Bangladesh, Gambia and recently to institution in Japan and Nepal.

Security & PRIVACY

A & A Consulting can help you maintain the compliance of your environment based on the current Industry Compliance and Standards. We can evaluate your current audit report against the industry standard regulations. We have expertise and familiarity with the following:

- | | |
|------------------|--------------------------|
| CIS | ISO 2700X |
| CCPA | ITIL |
| CMS | NIST 800-53, 800-171 |
| DDO 8500.X | OWASP Top 10 |
| DISA | PCI |
| FIPS 140-2 & 199 | SAS 70 |
| GDPR | South African King's Law |
| HIPPA | SOX |

Recent engagements:

- *For a large Insurance Company client we did assessment based on the DDO 8500.X, PCI and NIST 800-53.
- *For a foreign government agency client, we did assessment based on the South African King's Law.
- *For a multiple tourism industry and large restaurant chain client, we did assessment based on the GDPR and PCI.

CYBER Security



- *Early threat detection, Forensic analysis.
- *End to end Cyber Security Solutions (Architecture, Planning, Implementation, and Training).
- *Reduce fraud and malware.
- *Identity and Access Management.
- *Discover and harden valuable assets.
- *Develop more secure applications.
- *Protect infrastructure against cyber attacks.
- *Guard against targeted cyber threats.
- *Consulting on Privacy, Security, and Compliance based on the client requirements

Recent engagements:

*At a large insurance company A & A identified vulnerabilities & threats, including risk assessment, ranked their severity. The outcome of the engagement A & A gave an analysis of the findings with detailed recommendations for remediation.

SOCS, CERTS & CRIST

*A Security Operations Centre (SOC) is a centralized unit that deals with security issues on an organizational and technical level.

*The Cybersecurity SOC (CSOC) consolidates under one organization functions of: incident monitoring, detection, response, coordination and computer network defense tools engineering, operation and maintenance.

*Computer Emergency Response Team (CERT) are expert groups that handle computer security incidents. Alternative names for such groups include computer emergency readiness team and computer security incident response team (CSIRT). In many organizations the CERTS team evolves into a information security operations center (or CSOC).

*The acronym "CSIRT" is the most technically accurate term that may be used in reference to the team of personnel assembled to find and response to intrusions. However its usage is far from universal, most CERTs go by some designation other than "CSIRT", and its usage has waned in recent years. As a result, identifying them by name alone is not always easy. Many (if not most) cybersecurity most professionals use "SOC" colloquially to refer to a CSIRT.

Security Operation CENTER (SOC)

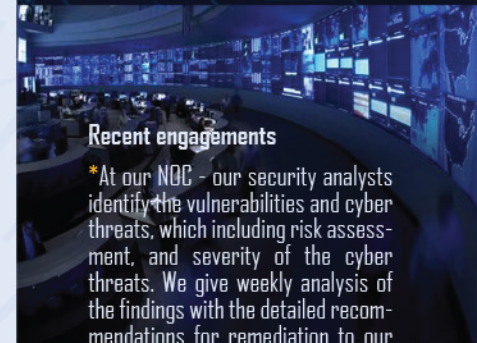


Recent engagements:

*At our NOC - our security analysts identify the vulnerabilities and cyber threats, which including risk assessment, and severity of the cyber threats. We give weekly analysis of the findings with the detailed recommendations for remediation to our end clients.

Security Operation CENTER (SOC)

- *Early cyber threat detection and Forensic analysis.
- *Reduce fraud and malware.
- *Identity and Access Management.
- *Discover and harden valuable assets.
- *Protect infrastructure against from cyber attacks and against targeted cyber threats.
- *Masking.
- *Consulting on Privacy, Security and Compliance.



Recent engagements

*At our NOC - our security analysts identify the vulnerabilities and cyber threats, which including risk assessment, and severity of the cyber threats. We give weekly analysis of the findings with the detailed recommendations for remediation to our end clients.

DISASTER RECOVERY (DR) Services

- * Architect and Create Planning for your Data Center.
- * Business Impact and Risk Analysis.
- * Implementation and Recovery Strategy.
- * Support and Build DR Plan.
- * Test and Validate DR Plans.

Data Center MANAGEMENT

- * Early threat detection, Forensic analysis.
- * Reduce fraud and malware.
- * Identity and Access Management.
- * Discover and harden valuable assets.
- * Protect infrastructure against attacks.
- * Guard against targeted threats.
- * Consulting on Privacy, Security, and Compliance.

STAFF AUGMENTATION

- * Initial requirement gathering based on an audit requirement.
- * Architecture, Design and Analysis for Enterprise Management, Security, Storage Management Projects.
- * Administrative and Engineering support services.
- * Application Design and Development.
- * Program and Project management.



Recent engagements:

* We have created Disaster Recovery plan and Tested DR Plans for Airlines, Insurance Company, IT Firms, and Financial Institutions.



Recent engagements:

* At a large metropolitan hospital, we identified vulnerabilities and threats, including risk assessment, ranked their severity, and gave an analysis of the findings with detailed recommendations for remediation.



Recent engagements:

* For one of the Insurance Companies A & A provided an IT Architect to design, developed and day-to-day administration for their Identity and Access Management Environment.

* For a financial institution A & A Endpoint Management engineer supported to maintain, monitor and apply patch for the client's multi-vendor operating system environment. Duties included daily support of applications and administration of the server infrastructure.



OUR EXPERIENCE

AUTOMOTIVE



AVIATION



DEPARTMENTAL STORES



EDUCATIONAL INSTITUTION



FEDERAL GOVERNMENT



OUR EXPERIENCE



OUR EXPERIENCE

FINANCIAL INSTITUTION



GAMING INDUSTRY



HEALTH CARE



HOSPITALITY INDUSTRY



INSURANCE INDUSTRY



OIL AND GAS INDUSTRY



STATE & LOCAL GOVERNMENT



SPORTS



TRANSPORTATION



TECHNOLOGY

