From our President's Desk

Dear Friends,

On September 16th, Alpha Omega Integration completes three years since the day we took form, completing the acquisition of Trusted Mission Solutions and re-branding as Alpha Omega. In that time, we have doubled and tripled the revenue of the company. I’d like to welcome the new employees and thank them for choosing Alpha Omega as their new home. This past quarter we hosted our annual company picnic. We were very pleased with the turnout and happy to see so many of you there.

I hope our engagement activities will help us all learn more about the qualities that make our company an outstanding provider of government services and a great place to build a career. Our focus of modernizing government applications and infrastructure has given us a reputation for helping our clients transform the way in which citizens access government services. We have earned the trust and respect of our customers for one simple reason: we have great people! Welcome, thank you, and happy birthday!

-Gautam Ijoor
President, COO

About The Alpha Oh!
The Alpha Oh! is the Alpha Omega Integration employee newsletter and is intended to serve in several ways: to inform to recognize individual and team success, and to invite commentary and discussion. Employee comments, suggestions, ideas, and photos of interest are highly encouraged and always welcomed.
Even though our customers keep us busy, we have not stopped pursuing out-of-the-box thought processes.

• We established the AOI Technical Challenge Team (TCT), led by Hooman (Hugh) Kazerani, VP Strategic Accounts, as a Corporate Tiger Team to rapidly assemble, solve problems, deploy, and dissolve, in response to innovative government procurements. The team is currently focused on Machine Learning use cases with Python AI libraries and an AWS serverless architecture. The team is building data models, collecting unstructured data from multiple sources including social media, and designing solutions like sentiment analysis in real-time. The team’s objectives include: 1. 100% open-source tools; 2. fully automated CI/CD pipeline; 3. micro-service architecture; and 4. cohesive team cadence.
• DIG released a white paper titled ‘Blockchain for Secure Data Storage’, authored by Sultana Parveen, PM – HRSA OPACT. We are looking for volunteers to identify use cases and develop Blockchain prototypes. Ideas are welcome!
• DIG assigned two summer interns from University of Maryland to explore the Low Code tool called wavemaker and develop an iPad-based Conference Room Scheduler App. The interns collaborated with staff at the Headquarters and wrote use cases, brainstormed the design, leveraged wavemaker features, and developed and demonstrated an impressive, functioning prototype! In the process, they also learned and shared with us the shortcomings of the Low Code tool. We are launching the next phase to make the app operational.
• Aaron Richards, AOI Developer - SBA CAFS, provided a demo of a Chatbot prototype geared towards the SBA Help Desk. The web-based app uses JavaScript and re-usable open source code to demonstrate keyword-based chat navigation for end users to find their own answers using the Frequently Asked Questions (FAQ) developed by our SBA CAFS Help Desk Manager John Wilson. Our next step is to provide a fully functioning Chatbot for our customer.
• Vijay Punyapu, AOI Technical Lead – HUD, demonstrated an Alexa App that takes in voice inputs from users, triggers AWS Lambda, and generates a relevant response. The demo simulated a voice input through a text such as “I am here to meet Mr. XYZ for an interview.” And the App sent a text to Mr. XYZ notifying that a person is waiting outside the office. The App, built on Alexa Lex SDK, AWS Lambda, and NodeJS, was a big hit at our DIG meeting! We are looking for ideas to apply such concepts in our customer environment.
RECOGNITION

1. Ritesh Pinto – Ritesh, as an expert Tableau developer, quickly learned Azure Power BI and wowed the EITSS customer in the Continuous Diagnostics and Mitigation (CDM) Pilot implementation. With newly acquired skills, he quickly demonstrated the art of the possible for our CAFS project team in dashboard-based vulnerability resolutions. Mr. James Saunders, Chief Cyber Security Architect for SBA OCIO, was profuse in his email praise of Ritesh for his contributions to “arguably the most difficult task”. And yeah, we are happy!

2. Mild Ebot – Mild is mild in his temperament while effectively dealing with multiple juggles and firefights every day. His leadership has guided the Legacy Support Services (LSS) project team through GLS encryption, EDMIS, and SBIC Web enhancements. He further took on the Certify sole source work all onto himself while we searched for reinforcements, and that is laudable! His COR, Mr. Terence Lawrence, gave his project a 9/10 rating in the customer satisfaction questionnaire and a commendation email for him. Way to go, Mild!

3. Roshan Anand – Roshan’s trailblazing journey started with AOI’s HQ-based Project Wilson implementation. He has contributed to multiple DIG projects like the iPad-based Visitor Management System and Low Code proof-of-concepts. And he updates the AOI website content, too! Assigned to the CAFS project, he quickly adapted to the environment, completed cloud certifications, and took on a client-facing responsibility for Service Desk ensuring customer satisfaction. The best part is, he does all this with a smile and a friendly attitude!

4. Vamshidhar Kolan – Vamshi’s exploits on the EITSS Continuous Diagnostics and Mitigation (CDM) Pilot involved effective stakeholder collaboration, scripting machine data capture, and populating Azure log analytics. Mr. James Saunders, Chief Cyber Security Architect for SBA OCIO, praised Vamshi for his “tons of patience” in mentoring team members and knowledge sharing. Vamshi further helped the LSS project team meet the Certify sole source requirements. With two customer appreciation emails under his belt, he kills it for us!

5. Julin Justin – Julin has been at the epicenter of the LSS project taking on everything that was thrown at her, and never ducking once. Whether it was penetration testing, daily stand-ups, Certify sole source, issues resolutions, or Certify-inherited ticket reduction, she kept the resolutions coming, all without any prior experience. She was the first to complete a DIG white paper on penetration testing. She got the ‘Rookie of the Year’ award at the holiday gala last year, and worked to prove otherwise for the rest of the year!

6. John Wilson – John, as a HelpDesk Manager, gets kudos on a regular basis from the CAFS customers and is proving tricky for us to keep pace with. Mr. Dalys Wright, a CAFS user, complimented John on his technical expertise, gracious and expeditious problem solving skills, and “awesome customer service”. Mr. Steven White, another SBA staff member, characterized John as a “natural born problem solver”. Ms. Sheri McConville, the CAFS customer, applauded John for going out of the way to help a Spanish customer in Puerto Rico! Gracias, John!

Recognition for Patrick Serengulian (Project Manager) – NOAA IaaS project:
For the NOAA IaaS Project, we recently implemented a real-time dashboard for the status of satellite data ingest, catalog, processing, and distribution in current 15 minute increments.

Based on the feedback we received in a dry run presentation, thanks in part to Patrick’s leadership, our team has delighted our customer. After a dry run presentation to our primary client sponsors, the following feedback was received:

“Oh. My. Goodness. This is AMAZING. And so beautiful!!! And best of all, it is working great! You guys are absolutely AWESOME!!!!!!!!!!!!!!!!!!!!!!!!!!”

“This is the WoW factor Karen and Irene are looking for. It's going to blow them away!”

Patrick – thanks for the great work!

Recognition for Samri Bayu (UI/UX Designer) – HRSA IRMS project:
Samri was brought on to the HRSA IRMS Project to totally redesign and modernize the IRMS User Interface. Her UI/UX expertise and responsive, professional approach to the effort were applauded by the HRSA Customer and her AOI Team. The extensive number of tasks performed by Samri included: User Research; Business goals and Technical specifications; Content Audit; Sitemap and Information Architecture; User flows; Use cases; Sketches; Style-guide & Specifications for developers; Low-fidelity and high-fidelity wireframes; Visual Design; Interactive Prototypes used for presentations; Questionnaires and surveys used; Usability test reports; and Logo Creation and Typography.

After Samri’s current involvement on the IRMS Project concluded, the HRSA customer and the AOI Project Team held a “thank you” breakfast for Samri to extend their gratitude for her support and expertise. Samri, thanks for the tremendous support!

CREATE HARMONY: DEVELOP AN ENVIRONMENT WHEREIN EMPLOYEES MAINTAIN AN IDEAL BALANCE OF WORK, FAMILY, COMMUNITY SERVICE, AND PERSONAL ENRICHMENT
We are excited to announce the edition of our employee portal “The Alpha-Net.” You can find this by logging into your 365 account via https://www.office.com/ and clicking on “SharePoint” and then “The Alpha-Net.” We also encourage you to download SharePoint on your mobile devices so you can stay up to date on everything going on at Alpha Omega. We hope this makes it easier for you to find forms, policies, benefit information, etc.

We’re tapping into the power of our most precious resources, our current employees, to help meet our hiring needs. Simply recommend a candidate you think would make an ideal employee and you’ll be rewarded with a cash payment if the candidate is hired.

For each successful referral that results in a hire, you’ll receive a cash award up to $1,500 for each referral.

Please connect with the HR team for the Referral Form.

Our annual open enrollment will be November 4th - November 11th. Open enrollment presentations will be held on November 5th at 11:00 and 12:00. Please watch out for more details from Human Resources.

HR CORNER

**The Alpha-Net**

The Alpha-Net

Welcome

To the team!

We’re hiring

Open Enrollment

Every good conversation starts with listening

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MEET THE MANAGER

Joanne Gladden

What do you do at AOI?
I am a Senior Program Manager currently managing AOI’s team for the SBA’s Enterprise IT Support Services IDIQ contract.

Best part of your job?
My team is amazing - AOI employees and subcontractor staff alike!!

Favorite non-work activity?
Being the lead singer for the classic hard rock cover band, Shut It Down.

Dream Vacation?
Four Seasons over the water huts in Fiji!

I’m looking forward to...
A cheap and easy way to commute between Ashburn and downtown D.C.

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EMPLOYEE SPOTLIGHT

"Helping Where It Counts"
by Derrick Dias

Since 2010, I have been involved with numerous community enhancement initiatives in the most economically disadvantaged areas, in both D.C and Maryland. Most notably, I’m a mentor and coach with South County Sports Academy. SCSA provides kids access to STEM related activities to encourage economically disadvantaged children to be more proactive as it relates student growth. I, being a Computer Science recipient himself, use my own childhood experiences as topics of discussions as the kids grow out of the program and begin their high school careers.

I have also been a very dynamic football coach where I aid student athletes of interest with various avenues of guidance to ensure they receive the best education at the next level. This is related, but not limited, to economic grants for sports and academics at some of the most illustrious schools in our area, such St. John’s, Gonzaga, Bishop O’Connell, and Riverdale Baptist. My goal is to get these kids the education they need to excel in the world after sports. Currently, I have 5 kids who have over 10 offers to NCAA Division 1 schools for football and they have at least a 3.5 GPA to boot.

Derrick’s hard work in the community coincides perfectly with the dedication he has provided AOI since the beginning of his tenure. We expect more great news and exciting results from Derrick, and we look forward to participating in any way we can to the work he provides within the communities that need it most.

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STIMULATE SUCCESS- RECOGNIZE AND ENCOURAGE POSITIVE EMPLOYEE ACHIEVEMENTS THAT ARE IN SUPPORT OF OUR CUSTOMERS, THROUGH VARIOUS MONETARY AND NON-MONETARY INCENTIVES AND REWARDS
Did you know that Alpha Omega provides High Performance Computing (HPC) services and architecture at Department of Commerce (DOC) National Oceanic and Atmospheric Administration (NOAA)? Let’s take a look at what High Performance Computing is before we get into AOI’s accomplishments at NOAA.

HPC is used for solving advanced, complex scientific computational problems through concurrent use of computer power. HPC delivers a lot more performance than a typical desktop computer or workstation could in order to process, store, and analyze massive amounts of data to solve those large business or scientific problems.

Alpha Omega is modernizing NOAA’s High Performance Computing infrastructure by designing and deploying an HPC solution in AWS, Azure, and Google Cloud. AOI’s cloud and HPC architects developed a data ingestion processing pipeline through the use of cloud-based HPC architecture, which allowed scientists to focus on the science and not worry about the technology. AOI’s comparative pilot resulted in processing 5TB of weather satellite data in less than 40 minutes at a nominal cost of $8000, down from previous processing time of 14 days and several million dollars in datacenter investments.

Dulles Day Plane Pull

Thanks for all that came out for the Dulles Plane Pull on September 14! While we did not take home the grand prize, we had a great time and look forward to next year’s event!
TEAM SPOTLIGHT

Meet the SBA Legacy team!

Who We Are:
We are the AOI maintenance team for SBA’s Legacy, Certify, and SBIC Web systems.
- Mildmayking Ebot – PM
- Julin Justin – BA
- Yuan Li – LSSM Developer (not in pic)
- Rupesh Kumar Varadarajan – SBIC Web Developer
- Dan Du – SBIC Web Developer
- Nithya Kumaraswamy – LSSM DBA
- Gideon Isele – Certify DBA
- Nikitha Linga Reddy – Certify Helpdesk
- Alex Sanchez-Brady – Certify Helpdesk

What We Do:
Our major work includes:
- Performing system/data analysis and enhancements
- Maintaining all GLS related systems and their migration to Azure/AWS
- Building and maintaining Certify 8a system
- Maintaining SBA – SAM, SAM – Certify, and Certify – DSBS interfaces
- Upgrading SBA’s size standards

How We Have Fun:
We get together and enjoy each other’s company.

Thank you so much to everyone who came out for the company picnic! We had a great time and we really look forward to next summer!
AOI had a lot going on this quarter, if you couldn’t already tell. Here are some other things that happened this summer!

**Intern Goodbye Party**

Alpha Omega hosted our first ever internship program this past quarter. We had three interns working at HQ who helped us with operational duties and two helped support our DIG program. It was a great success. We are looking forward to the next interns joining us in Summer 2020.
TOMIS Welcome Lunch

AOI Senior Managers on July 15th, met with the our new TOMIS employees to provide a warm welcome into Alpha Omega. We are so excited to have them join the AOI family.

Upcoming Employee Events

**What**: Halloween Costume Contest  
**When**: October 31  
**Where**: AOI HQ  
**What**: Our annual Halloween costume contest! So make sure that you come to work in your best costume. Winners in the following categories will take home prizes: Funniest Costume, Scariest Costume, Most Creative, Best Overall.

**What**: Open Enrollment  
**When**: November 4 - 12  
**What**: Open Enrollment season is here! If you’d like to make any changes to your benefits, please be sure to reach out to HR (support@alphaomegaintegration.com) during this time to let us know.

**What**: International Potluck  
**When**: November 21st  
**What**: Our annual Thanksgiving potluck! We would love to see all of you come out to HQ with a dish from your country of origin to share with your peers.