ActioNews

ActioNet solutions are built on **People, Innovative Processes, Technology** and **Partnership**. ActioNet has established an outstanding track record of creating continuously forward-looking, cost-effective IT solutions, meeting such Federal mandates as 'cloud-first' initiatives. Our ActioNetCloud® family of service offerings include:

- ➤ **ActioNetDesk™**
- ➤ **ActioNetAgile™**
- ➤ **ActioNetHosting™**
- ➤ **ActioNetMobility™**
- ➤ **ActioNetCyber™**
- ➤ **ActioNet360™**

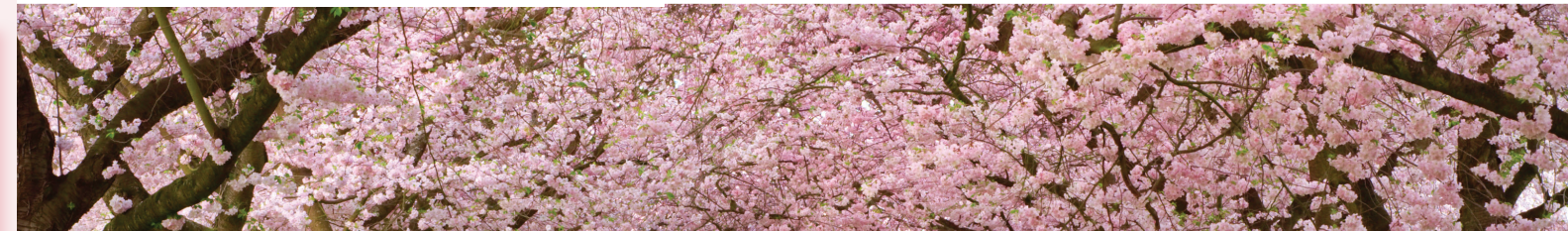For a complete list of ActioNet-Cloud™ Solutions, visit www.actionet.com/Solutions/ActioNetCloud.asp

ActioNet's Core Values center on Customer Service, Employee Growth and the Quality of our Work. We continually invest in our people and our capabilities with a continual process improvement focus based on ISO 20000, ISO 27000, ISO 9000, HDI and CMMI® Level 3. We are proud to have many certified staff:

- ➤ 500 ITIL Certified
- ➤ 100 PMP Certified
- ➤ 80 DoD 8570 Compliant
- ➤ 35 ScrumMasters
- ➤ 24 AWS Certified Technical

The key to successful transformation into a performance-based, customer-focused organization is clearly defining the current state of the organization and building a detailed roadmap for improving service delivery.

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ActioNeters in Action

Winter Parties

Washington, DC - 12/20/2014

Honolulu, HI - 1/10/2015

Corona, CA - 1/10/2015

WJHTC, NJ - 1/10/2015

San Antonio, TX - 1/17/2015

Japan and Korea - 1/23/2015

US Merchant Marine Academy, NY - 1/24/2015

Montgomery, AL - 1/9/2015

New Orleans, LA - 1/9/2015

Giving Back to the Community

Hawaii Food Drive

HQ Winter Clothing Drive

Great Aloha Run February 18, 2015

ActioNews

Turning **VISION** into **ACTION**®

PRESIDENT'S NOTE

Dear Friends,

2015 is "The Year of Transformation" for ActioNet. Transformation must start within ourselves: Changing the way we think, Getting out of our comfort zones and Breaking mindsets, so we can energize and enable our ActioNeters to break though boundaries and to boldly go where no one has gone before!

We continue to focus on Growth and Customer Service. Our commitment to our Core Values remains stronger than ever. At ActioNet, we cultivate a culture of people eating healthy, projecting a positive image, great energy & a caring environment. As the day gets longer and the workload gets heavier, there is a Little Fruit Bowl filled with fresh fruits ALL the time and there are always ActioNeters who care about each other!

Ashley W. Chen
President & CEO

IN THIS ISSUE

Work Hard, Play Hard, Be Fit and Stay Healthy

By David Collignon, VP, Health Services

Make no mistake, the Health topic is trending and for good reason. In the United States, the proportion of the population aged >65 years is projected to increase from 12.4% in 2000 to 19.6% in 2030[1]. The number of persons aged >65 years is expected to increase from approximately 35 million in 2000 to an estimated 71 million in 2030[2], and the number of persons aged >80 years is expected to increase from 9.3 million in 2000 to 19.5 million in 2030[3]. These statistical shifts combined with the widely documented historic inflation outpacing increases in Healthcare costs will, if left unchecked, undoubtedly result in a very real "Healthmageddon" budget busting situation for United States citizens.

As a result of the bleak data presented above, significant focus and attention is being directed at resolving this issue or at the very least slowing the pace of inevitable doom of our health-based entitlement systems. For starters, the White House Administration's two term agenda is focused on our nation's Health system. Even McDonald's, the king of fast-food, is accelerating its efforts to serve food its customers will feel better about eating and to help them make informed nutrition choices.

ActioNet is also taking action. We are in the people business, a business that diligently works to instill a truly professional culture in its membership - a culture that works hard and persistently sets high goals, goals that also drive us to play even harder. As a result, we take great pride in caring for our clients, our people and our community. In this light, we focus on being part the solution. In business, our Health Services unit actively works to support the triple aim agenda: Better Health, Better Care, and Lower Cost. We believe that "Better Health" is far and away the largest and most effective lever since healthcare costs do not occur if the population is and remains healthy.

Therefore, we strive to create programs within our workforce community that encourages healthier lifestyles. One program recently created is our Health Services Activity Challenge. The activity challenge utilizes the fitbit fitness tracker to record the activity of our participating members.

"… our Health Services unit actively works to support the triple aim agenda: Better Health, Better Care, and Lower Cost."

"ActioNet's Cloud Services Team has accomplished tremendous results in a short period of time and is establishing a repeatable blueprint for the customer ..."

Infrastructure Impossible – ActioNet to the Rescue

By Jim Leonard, Program Manager

The Department of Energy Organization Act of 1977 established the primary federal government authority on energy statistics and analysis. The collection, analysis, and dissemination of independent and impartial energy information throughout the USA to promote sound policymaking, efficient markets, and public understanding of energy and its interaction with the economy and the environment is the charter of this organization.

A comprehensive data collection program is conducted that covers the full spectrum of energy sources, end uses, and energy flows. Informative energy analyses, monthly short-term forecasts of energy market trends, and long-term U.S. and international energy outlooks are prepared.

The customer sought to establish a digital information collection solution, including architecture and platforms deployment to leverage cloud computing capabilities in support of its mission. Building on the success of a previous proof of concept, the requirement included consulting and integration services to assure Development, User Acceptance Testing (UAT), and Production environments were deployed to meet the operational, performance and security standards of the Department.

The original proof of concept was implemented in a non-FedRAMP certified environment and the nationwide production application was subsequently shutdown for security reasons. The Mission imperative was to rapidly provision and configure a new Production environment and gain Authority to Operate (ATO). ActioNet was selected to provide Assessment, Architecture, Acquisition, and Accreditation support to meet this end.

The Mission platform requirements were gathered and a comprehensive assessment survey was developed to qualify FedRAMP certified Cloud Service providers. Amazon Web Services (AWS) was selected as the preferred provider based on the quantitative survey results. The application Production environment was instantiated, configured, and made ready on October 31, 2014 – just two weeks after ATP. The Production environment was comprised of a Bastion server, five application servers, four database servers, dual Active Directory servers, a NAT server, and SFTP and malware software.
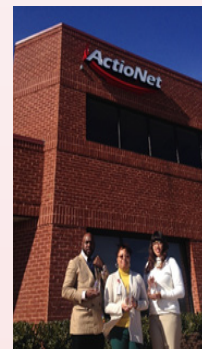
In parallel, the project team obtained FedRAMP security packages from both AWS and Salesforce.com, which had application connectivity via secure agents for data transfer, and performed Plan of Action and Milestones (POA&M) reviews to evaluate security vulnerabilities against the DOE security controls checklist. The security package for both AWS and Salesforce.com was prepared and a combined ATO was granted six weeks after contract award.

Once the Production platform was available to the applications team, ActioNet configured the User Acceptance Test (UAT) and Development environments. By the
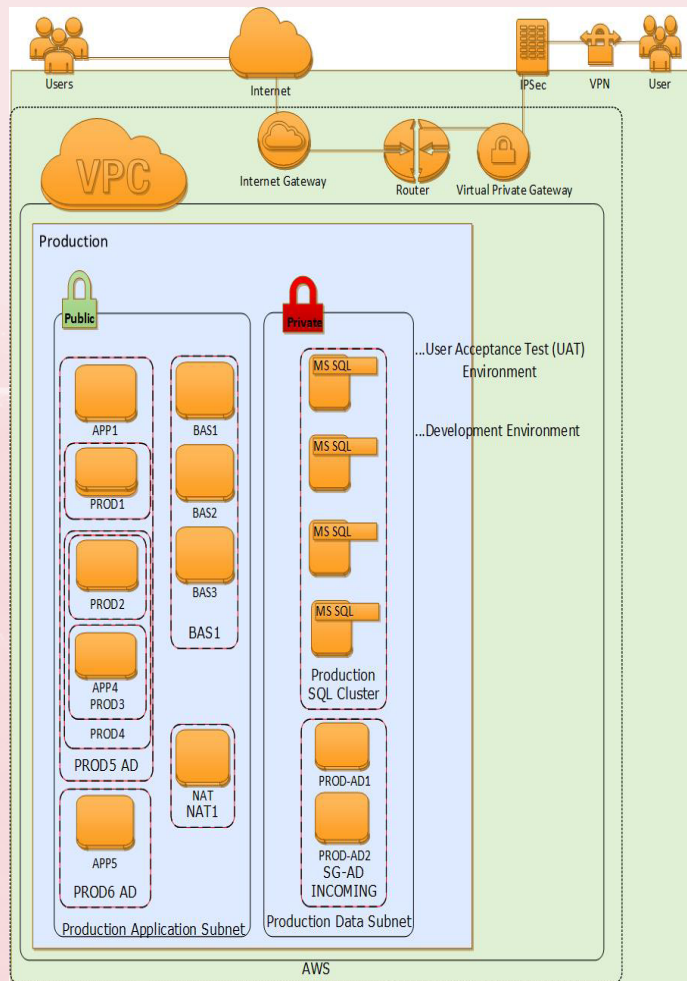
Work Hard, Play Hard...

Each month we tally and record the statistics for Steps, Distance and Activity and proudly recognize step count Gold, Silver and Bronze awardees as well as special bonus month winners. Healthy competition is no stranger to ActioNet and over time, the amount of smack talk and game play can reach epic levels. For example, in the month of September 2014, competition was so intense that the number of steps that separated Gold from Bronze was a mere 147. In another month, we had 3 members each with over 1 million steps for the month, an average that exceeds 30 thousand steps per day. ActioNet is a goal setting organization and several members of our activity challenge wanted to see if they could hit 1M for the month – DONE. Our own Ryan Hill, Silver medalist 2014 pictured above along with Hank Okoro Bronze and Cheryl Mitchell Gold, was featured in the Baltimore Sun as posting "Failure is just 147 steps away" – on a note about her desk, a personal reminder that everything counts.

In effort to encourage maximum participation, ActioNet doesn't just focus on the medal winners, we also create challenges that encourage participating staff to improve upon their stats from the previous month, as well as challenges to increase membership.

We also support goal-oriented social activities that encourage a more active lifestyle. One such activity that gets our membership out from behind their desks is

end of the year, a total of 27 Virtual Machines were configured to support the mission critical application providing a highly available, reliable, and scalable architecture. Additionally, the customer needed to extend their network via an IPSec tunnel to securely access the AWS Virtual Private Cloud (VPC). ActioNet documented the physical architecture, prepared, and delivered the Interconnection Service Agreement (ISA) and Memorandum of Understanding (MOU) documents to securely extend the network to the AWS VPC.

The Cloud Services project is now in the Sustainment phase. ActioNet is working closely with the applications team on application architecture enhancements and performance tuning. The team is also implementing and documenting infrastructure operations and security procedures that will become the Cloud Services organizational

bowling. Bowling is actually an anaerobic type of exercise that works muscle groups not usually exercised. At ActioNet we celebrate our achievements - to the left is Matt Canada and Suzanna Yourishin pointing out a "Turkey" or 3 consecutive strikes – ActioNeters' have most impressive skills. Another benefit to bowling is that it helps break-down social barriers that can commonly form in team-based professional organizations – to the right is Karah Jarvis and Rilwan Alao.

We know success is contagious, in this regard, we like to think that healthy living is also contagious and if our membership catches that bug then we are all for it.

1. U.S. Census Bureau. International database. Table 094. Midyear population, by age and sex. Available at http://www.census.gov/population/www/projections/natdet-D1A.html.

2. U.S. Census Bureau. State and national population projections. Available at http://www.census.gov/population/www/projections/popproj.html.

3. Campbell PR. Population projections for states by age, sex, race, and Hispanic origin: 1995 to 2025. U.S. Bureau of the Census, Population Division, PPL-47, 1996. Available at http://www.census.gov/population/www/projections/stproj.html.

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best practices. ActioNet's Cloud Services Team has accomplished tremendous results in a short period of time and is establishing a repeatable blueprint for the customer to move additional mission critical applications to the Cloud.

The AWS Cloud is a dynamic environment that provides customers with IT resource flexibility. The key benefits included no upfront capital expenditures while retaining the ability to expand and change compute and storage resources to meet the Mission needs. The architecture that ActioNet implemented provides an affordable and scalable application path forward that enables step wise risk reduction consistent with Mission needs as the customer transforms its systems, processes, and human capital investments.

"Healthy competition is no stranger to ActioNet and overtime, the amount of smack talk and game play can reach epic levels."