Open-AudIT

International Aid Organization Gains Critical Control over BYOD and Network Devices with Open-AudIT

IAM is an international Christian organization serving the people of Afghanistan through capacity building in the sectors of Health and Economic Development since 1966. For more information visit:

www.iamafghanistan.org

EXECUTIVE SUMMARY

Afghan staff and around 40 expatriate volunteers and their families, many with their own devices, accessing disparate remote networks, across vast geographical distances in a country with limited and intermittent internet accessibility and interrupted power supply, they needed a solution that was easy to use, low cost, scalable and highly customizable – they chose FirstWave's Open-AudIT.

ORGANIZATIONAL REQUIREMENTS

Prior to the implementation of Open-AudIT, IAM relied on manual asset auditing and tracking at remote sites – it was a slow, time consuming process and due to the lack of IT staff available the information gathered was often inaccurate. The organization needed better data to cope with:

LEGAL COMPLIANCE

IAM needed a way to detect the installation of unauthorized software so that they could respond in a timely manner.

BYOD

With many aid workers opting to use their own equipment, they needed a method to track these network-connected devices and address

ASSET MANAGEMENT

With a new standard operating environment on the horizon the organization needed a way that they could plan their deployment and

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ORGANIZATIONAL

To replace the existing manual process, the organization needed a software solution that would be able to cope with unreliable and inconsistent connections, no interconnectivity between offices spread across remote parts of the country, and IT staff in very few locations. It would need to adapt to an environment with no domains, no active directory, no logon scripts, and no visibility from the audit server to the client - only from the client to the audit server and this would be intermittent. It also needed to be low cost – IAM is a donor-funded organization and there was little money to spare on technology. Donors expect their funds to be used to directly help the people of Afghanistan and with most of the foreign troops having left the country, there is less international exposure and therefore even less donor interest than before.

"Affordable and adaptable - great benefits of open source."

Open-AudIT was deployed via an AWS cloud instance. Within a week they had audited their first device and were thrilled with the results. Thanks to the flexibility of open source software, the organization was able to create highly customized data collection methods that suited their decentralized organization structure, addressed their intermittent connectivity issues and provided BYOD users with transparency around the data being collected to address their privacy fears.
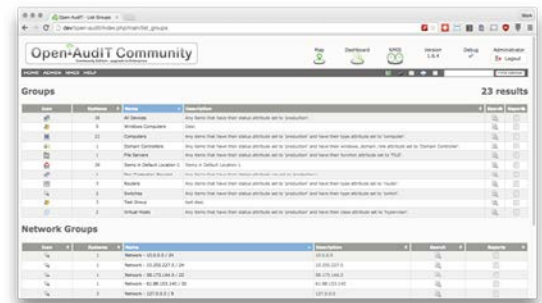
> **"**
>
> *In my previous job we used Microsoft SMS (I think it is currently known as SCCM). It was expensive, complicated to use and difficult to customize... Open- AudIT enables our resource constrained IT team the ability to monitor our install base to ensure it remains compliant with organization policy and our standard operating environment, with very low ongoing effort*
> **"**

Stephen
IAM

THE RESULTS

IAM now has detailed visibility of the PC hardware in use in their organization and the software installed on it. They also have a way to detect unauthorized software soon after it is installed allowing IT policy to be managed and adhered to. Open-AudIT will be used to collect data from approx. 200 Microsoft servers, desktop and laptop PC's across all

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FirstWave is a publicly-listed, global technology company formed in 2004 in Sydney, Aus-tralia. FirstWave's globally unique CyberCision™ platform provides best-in-class cybersecurity technologies, enabling FirstWave's Partners, including some of the world's largest telcos and managed service providers (MSPs), to protect their customers from cyber-attacks, while rapidly growing cybersecurity services revenues at scale.

In January 2022, FirstWave acquired FirstWave Limited (FirstWave), a leading provider of enterprise-grade network management, automation and IT audit software, with 150,000 organisations using their software across 178 countries and enterprise clients including Microsoft, Telmex, Claro, NextLink and NASA.

Integrating CyberCision™ with FirstWave's flagship Network Management Information Sys-tem (NMIS) and Open-AudIT product enables FirstWave to provide a comprehensive end-to-end solution for network discovery, management and cybersecurity for its Partners globally.

With over 150,000 organisations now using FirstWave technology, we are well positioned to be a leader of transformational change in the IT Operations and Cybersecurity world.