How One Company Solved Its IT Project with a Complete Aberdeen Solution

ABERDEEN
SERVERS AND STORAGE

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The Company:

Operating throughout East Africa (Uganda, Rwanda, Kenya and Tanzania), CFTS is one of the top IT support and solutions companies in the area, providing solutions that match the exact needs of their customer base. This makes them an absolutely perfect fit as an Aberdeen Certified Channel Partner, which they have been for 15 years. Their slogan, "Getting IT Right," says it all, with their stated goal of keeping the operations of IT dependent companies running smoothly and effectively.

The Challenge:

CFTS was contracted by Smart-Security to design, build and implement an ultra-high quality network infrastructure for the Acacia Hotel in Rwanda. The hotel is 14 stories tall, with 134 guest rooms and 19 apartments boasting state of the art media/conference halls and other high-end business amenities. The primary purpose of the contract was to meet each guest's expectation of high speed, totally reliable internet access in their rooms, the conference centers and every business service area.

The laundry list of the requirement was as follows:
*   High Speed Wi-Fi internet access throughout the facility.
*   Ability to move freely within the facility with a connected device without ever dropping the connection.
*   A single network handling all services – Data, Wi-Fi, VoIP, CCTV and IPTV.
*   Discreet data protection between all services and users.
*   Protection against potential data hacking and attacks.
*   Single point of administration and setup for all network services.
*   Vendor neutrality for any and all connected devices.
*   Completely flexible scalability for both the hardware and the software.

The Solution:

Both Aberdeen servers and Aberdeen storage running over a fibre attached network were chosen to meet all of the above listed critical requirements.

The network servers are a pair of matched Aberdeen Stirling Model 287 VMware certified servers, each with dual Intel Xeon E5-2670 processors running VMware ESXi (vSphere 6) in 128GB of main memory. CCTV delivery is handled by an Aberdeen 4U server, Model X46 (now shipping as the updated Stirling X47) running Windows Server 2012R2 on a pair of Intel Xeon E5-2690 processors with 128GB of main memory and 96TB of internal storage. Storage capacity can be expanded to 144TB via an Aberdeen XDAS, direct attached storage device which is interfaced to the server over a redundant pair of fibre channel controllers.

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According to Peter Atkin, CTO of CFTS, "This project required extremely high quality hardware from a manufacturer that delivers flawless support at an excellent price. Those criteria, along with Aberdeen's unparalleled 5 year warranty, made them the only company on our prospective vendor list. There was never a question of seeking another vendor." Atkin went on to say, "Simply said, Aberdeen equipment works. It plays well with others and the support we receive from Aberdeen's technical team is always fantastic."

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About Aberdeen:

Founded in 1991, Aberdeen LLC is a leading manufacturer of servers and storage. Delivering exceptional performance, unparalleled reliability and outstanding value, Aberdeen's award winning products are deployed every day by IT departments in many of the world's largest organizations.