CUSTOMER SUCCESS STORY

SOCIAL DIAGNOSTICS PROTECTS HIGH-TECH EQUIPMENT AND SPECIALIZED PERSONNEL WITH **VESDA-E VEA**

About End User

The Eastern Charity Board, is a non-profit institution created in 1976, whose basic purpose is to offer social assistance through different programs, for the development of La Romana and its surrounding areas, without excluding services requested by other areas and provinces. Known as Central Diagnostics, the clinic uses its modern high-tech equipment and specialized personnel to provide an optimal medical diagnostic service to the community.

The Challenge

The clinic prides itself on having the most recent equipment for patient diagnosis, including Tomography of Abdomen, Pelvis, thorax and skull, MRI of the spine, skull and knee, Obstetric Sonographs, Arterial and venous dopplers, Mammograms, Trans-vaginal and thyroid sonograms, X-ray of thorax and limbs, Bilateral mammogram and Bone densitometry. This collection of equipment assumes valuable space within the clinic's roofline, meaning they needed to avoid installing additional electronic equipment in the roof areas. Additionally, it was imperative that the clinic have the fastest detection available considering the monetary value of the specialized equipment and time required to evacuate patients in the event of a smoke or fire incident.

PROJECT:
PBO Social Diagnostics

END USER/LOCATION:
Dominican Republic

INDUSTRY:
Healthcare

PARTNERS:
Greentech

SOLUTION:
VESDA-E VEA

"The VEA met the requirements for a non-electronic detector and allowed for a faster deployment without delaying the construction needs in order to have the equipment in place; plus the superior performance with faster response time and accomplished our goals to minimize access to examination rooms. The simplicity and flexibility of the system far exceeded our expectations."

Carlos Santana
General Manager
Greentech

The Solution

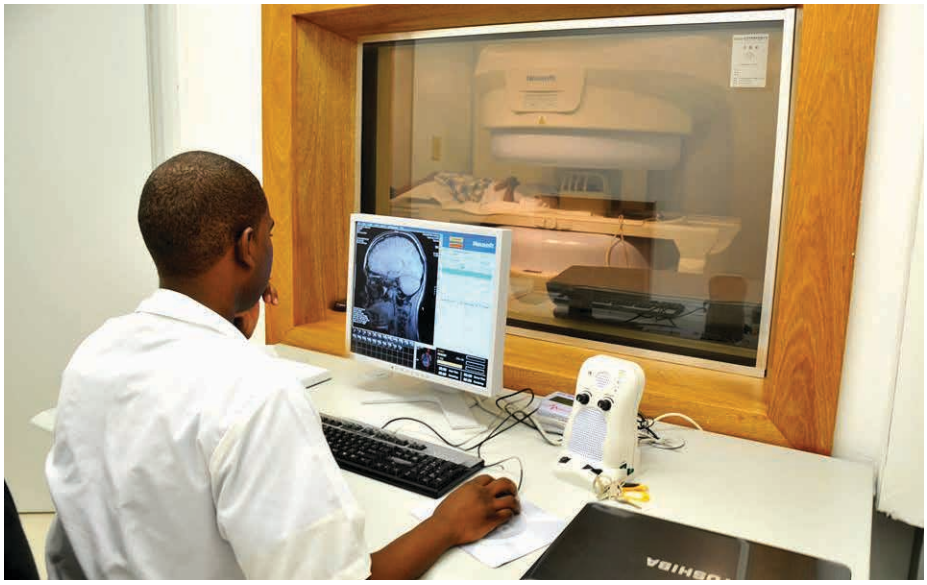
Aspirating smoke detection was the preferred technology due to its proven track record and speed of smoke detection. The VESDA-E VEA addressable smoke detector was selected because it offers early detection and is simple to install with flexible plastic tubing. The team previously considered using spot detection, but wanted to stay away from electrical devices installed near the medical equipment and wanted to avoid installing conduit/cable within the ceiling structure. The project was also an expansion project and had an aggressive completion date. The flexible tubing used with VEA allowed installation to move forward quickly without delay.

VEA provides centralized maintenance as well, avoiding the need for engineers to enter the protected area for period smoke testing; conducting smoke testing in a fraction of the time and allowing the facility to operate uninterrupted during maintenance.

The Outcome

The facility ended up utilizing VESDA-E VEA detectors to protect the clinic, helping the project to be delivered on time with the added benefit of centralized maintenance to reduce the ongoing maintenance costs.

The clinic has benefited from early detection, providing safety, reliability and peace of mind for both the clinic staff as well as patients.



About Installer

GREENTECH

CONTROLES
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Greentech SRL, is an integrating company of multimedia technologies/systems, automation, security and control for buildings; with solutions that maximize the efficiency of systems, guaranteeing the comfort of spaces and the safety of their users, by means of high-profile applications, high-level products, trained engineering and state-of-the-art technology.

About VESDA-E VEA

The VESDA-E VEA series of detectors combine VESDA reliability and early warning smoke detection with pinpoint addressability and a variety of annunciation options that deliver new value to the end user. They use patented air sampling points and multi-channel microbore air-sampling with enhanced or standard alarm sensitivity setting for the sampling points. As a multi-channel addressable system, the VEA detector is able to divide a protected space into sampling locations, enabling the localization of a fire for faster incident response. The detectors are suitable for protection of areas where pinpoint location of fire events is essential, thus providing ideal fire detection solutions for offices, hospitals, schools, prisons, multi-story dwellings, cabinets in data centers and warehouse racks.