

Haiti steps to the forefront of Digital Television

By the synergy between Screen Service and BIG one of the most advanced television systems takes shape. DSS launches NUtv.

Miami, FL July 2012 – Screen Service, in cooperation with the System Integrator Broadcast International Group, is proud to announce the commercial launch of NUtv.

NUtv is able to serve its customers with 116 channels over a DVB-T2 Single Frequency Network (SFN) using 6 UHF channels.

Currently, the project is focused mainly in the Port Au Prince area. Through four different transmission points, the system broadcasts a DVB-T2 signal in order to provide Haitians with one of the most advanced broadcasting systems in existence to date. The state of the art system is composed of 24 SFN Transmitters and four Full Duplex Microwave Links.

The Screen Service SDT ARK6 Transmitters Series is the battle horse utilized to cover the challenging Port Au Prince topography. The transmitters broadcast through the SFN, using an output power ranging from 10W to 250W. The synergy of the transmitters over the same frequency channel makes it possible to bring coverage in large area using basic indoor rabbit antennas -- results hardly imaginable otherwise.

The Screen Service proprietary and cutting-edge technology makes possible this complex but robust system. One hundred sixteen A/V channels, microwave back-bone contribution and antenna patterns are brought together in a scalable system, streaming up to 310 Mbps.

Regarding the Headend transmitter link (STL), NUtv is using Skylinks HS-SDIDU bi-directional full duplex Split Mount Microwave Links with wide band options and a 310Mbps transmission capability. This allows an effortless distribution of the heavy transport stream, along-with two-Way communication for Remote Monitoring and Telemetry Systems. Future upgrades are also possible with spare bandwidth.

SPX/Dielectric, the leader in UHF/VHF Antenna manufacturing since 1942, also provided its equipment and expertise on this project. SPX/Dielectric panels distributed on the four transmitting sites deliver an outstanding coverage result on the territory.

Ana Maria Sagastegui, President of the System Integration Company Broadcast International Group, says, “The launch of NuTV marks the first deployment in the Americas of DVB-T2 technology and the largest deployment in the world in number of channels. We are greatly impressed by the ease of installation and robustness of the Screen Service transmitters and IP microwaves. Moreover, something even more impressive is the fact that the actual coverage (indoor and outdoor) exceeded the original service map.”

“Screen Service is very proud to be the selected Network Equipment provider for NuTv and Broadcast International Group in this project – said Graziano Casale, Sales Director of Screen Service America – We believe that this project will be a reference-use case that will be a leading example to many countries looking to switch off to digital in the near future. This project brings together all the complex features that were brilliantly delivered by the Screen Service products and expertise. The level of coverage achieved for the 116 channels over six frequencies working seamlessly in SFN is impressive, and the use of a VPN system for the data contribution in a Full Duplex microwave link network is equally remarkable.”

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About Broadcast International Group

BROADCAST INTERNATIONAL GROUP's mission-critical, media design services provide broadcasters, cable networks, corporations and government entities with customized solutions for the management and distribution of content. BIG has more than 25 years- experience in the disciplines of analysis and consultation, design, engineering, documentation, project management, fabrication, integration, installation, testing, training and service supporting a wide range of television production systems and facilities from Network Broadcast Studios to corporate production facilities.

Information about Broadcast International Group is available at www.bigmiami.com

About Screen Service Broadcasting Technology

Screen Service Broadcasting Technologies S.p.A. is a worldwide leader in the production of cutting-edge equipments, services and solutions for radio transmission of the digital television signal. SSBT with its offices in The United States, Italy and Brazil is listed in the Italian Stock Exchange Market "Borsa Italiana"[SSB.MI].

Proof of the reliability of the company is the fact that a significant number of the most demanding International Broadcasters have chosen Screen Service Broadcasting Technologies as the partner to work with. Furthermore, our expertise doesn't stop at the production and the support stage, SSBT is a Network Provider as well.

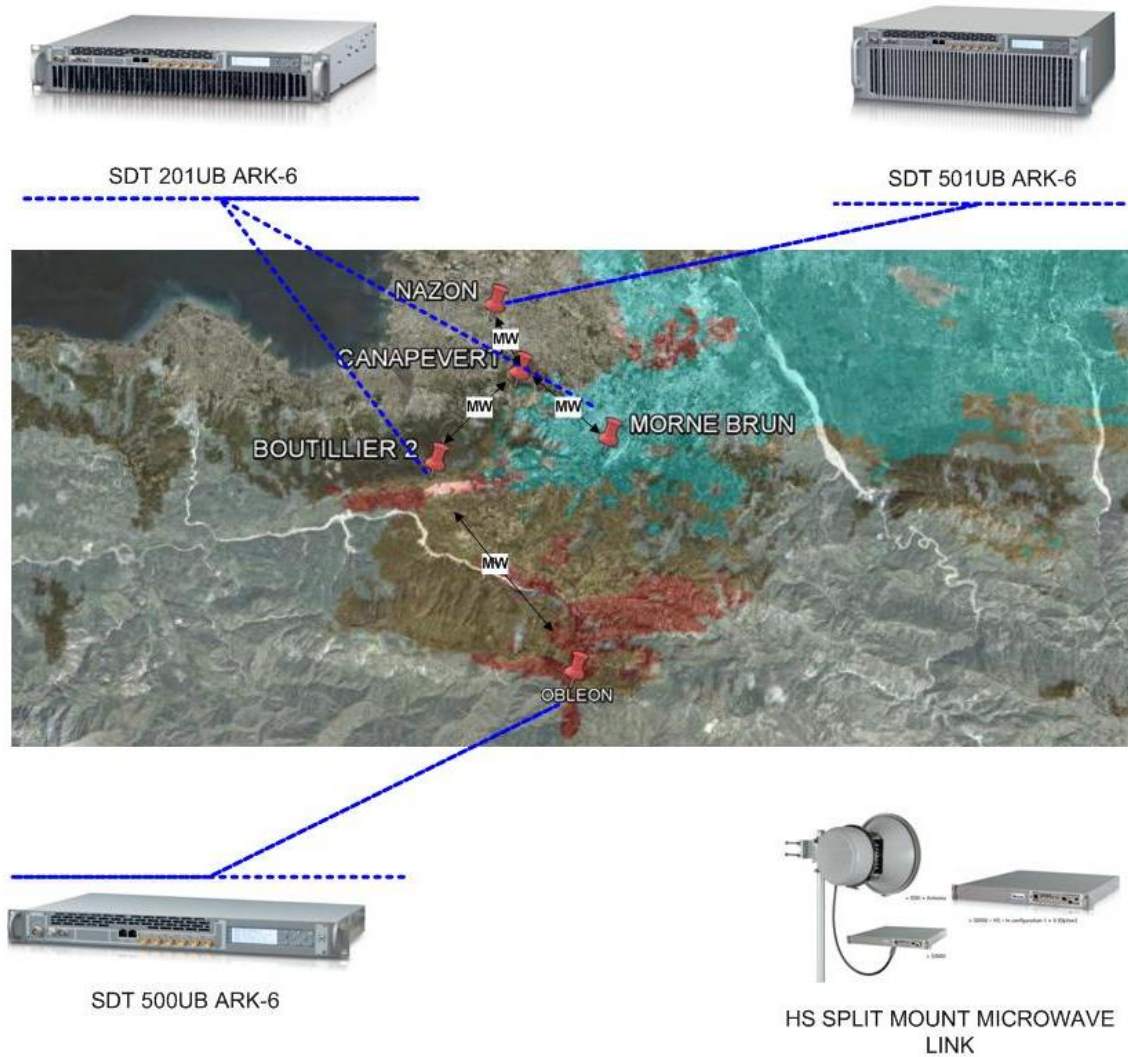
Screen Service has been on the market longer than 20 years now, it is an end-to-end solution provider capable to design, manufacture and commercialize equipment specifically made to solve the latest Broadcasting Market needs. This is possible also thanks to its advanced R&D department always ready predict the future broadcaster needs.

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System Architecture

