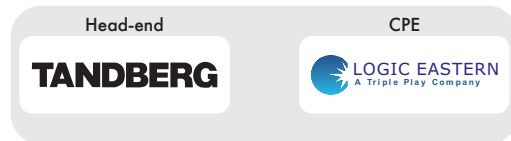


DVBC

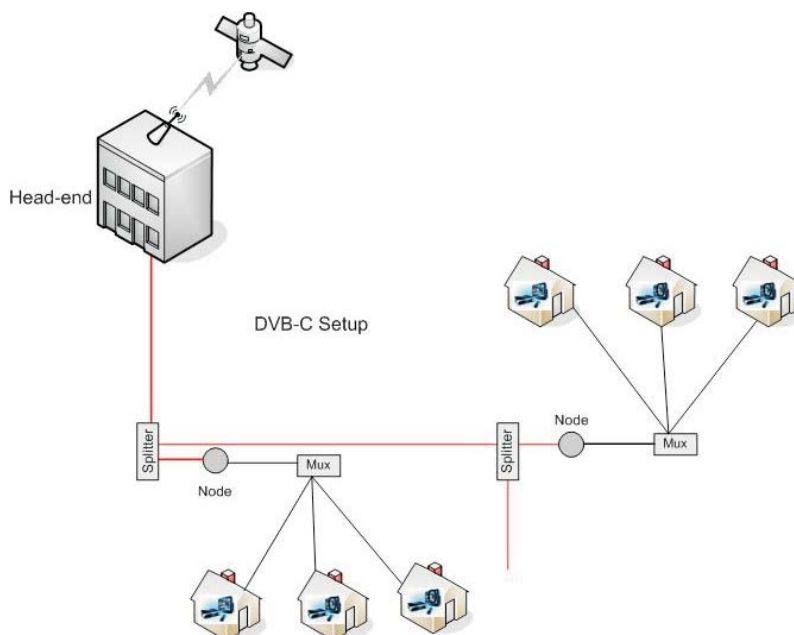
Cable Operators

The solution accurately fits into the cable operators requirement. The current scenario shows the movement towards the DVBC technology due to the recent regulatory notifications issued by the government. The cable operator realizes the futuristic vision of the IPTV technology because it could only provide the means and ways to increase their revenue and lower down the subscriber churn by providing quality vanilla services like Video on Demand, Video conferencing, gaming, Voice over IP and other innovative services. VoIBRENT DVBC is the solution tailored for the cable operators which provides the DVB-C technology on their existing infrastructure and is also ready for the IPTV rollout. The shift between the two technologies is very smooth and economical with no hardware changes in the infrastructure. The solution enables the cable operator to run both the IPTV services and digital broadcast service(DVB-C) simultaneously on the same infrastructure. So, the cable operator can always enjoy a win-win situation.

VoIBRENT DVBC solution comprises of the Video Head-end by TANDBERG and the Customer Premise Equipment (CPE) manufactured by Logic Eastern. The CPE would be a DVB-C Set top box. The Customer Premise Equipments are manufactured at a very low cost with easily available support.

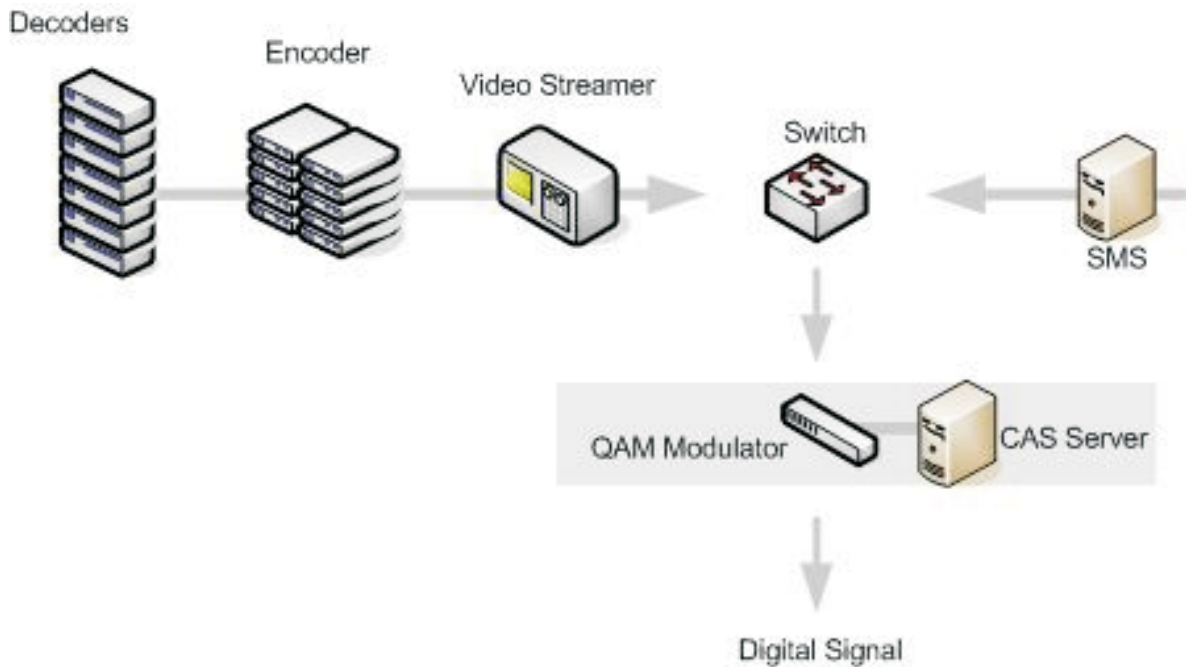


VoIBRENT DVBC solution developed, serviced and supported by LOGIC EASTERN



Video Head-end

The Video Headend equipment would feed the entire network on a redundant and highly available fiber optic backbone provided by Cable Operators. The placement of the Video Head-end should be at a highly secured area where only senior or technically trained personnel could access.



The Headend is made up of the following components :

Antenna Farm

It captures all the Free to air and scrambled signals being beamed in the skies. The signals are then sent to the Video headend.

IRD decoders

Decode the streams being received preferably in ASI format or otherwise through component video. Many of these decoders might be already in place and unless specifically asked by the video Head-end vendor, need not be purchased again. Many decoders are provided directly by the broadcaster.

MPEG-2 / MPEG-4 Encoders



Encode the decoded programs into low bandwidth MPEG-4 format or cost effective MPEG-2 format that we would use for IPTV transmission. MPEG-2 format can also be used if required say for sports channels.

Multiplexers and streamers



Scramble and multiplex Single Program Transport Streams ideal for IPTV transmission.

CAS systems

enigma

These are servers provided by CAS(Conditional Access System) technology vendors that work with the Multiplexers and streamers to scramble the signal to avoid content pilferage.

Headend Switch

3COM

High performance Ethernet switch would provide 1 Gbps link to the entire network. These links could later be upgraded to 10 Gbps for enhances bandwidth requirement. The switch would enable to aggregate the multiple video input from video headends that would be sent over the network for distribution. This switch could later also be used to add advance IPTV services to the network.

Billing Server

The billing software by Infozech manages the billing transaction for the subscribers for the consumed services. The subscribers can even see the billing details of the services consumed on the TV itself.

Customer Premise Equipment

Set Top Box

DVB-C Set top Box are provided at a very low cost. The Set top Box are manufactured at LOGIC EASTERN. The STBs are efficient and provides high performance. DVBC STB comply to the required standards set.



Our Services

- Engineering Procurement & Construct Service
- Build Operate Transfer Service
- Guidance for Financial models structuring for Banks
- Fiber layout and deployment guidance
- Network Design Consultancy
- Procurement Support Service
- Content Procurement Consultancy
- Post Deployment Training Service
- Annual Maintenance Contracts



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