

## CASE STUDY

# APN NEWS USING SOLITON'S SMART TELECASTER FOR LIVE NEWS GATHERING

APN News is today one of the most watched and respected news channel's in India. Based in the bustling media hub of Noida, APN has been at the forefront of every single news revolution that includes both delivering on breaking stories, as well as the technology behind the reporting. The channel has been recognized for its in-depth and analytical reporting with its hard-hitting live discussions on current burning issues, while reporting with full impartiality and without bias.

Part of the success of its news gathering operation is by being one of the first to broadcast with the latest news from location. Delivering live news feeds in real-time has always been a challenge in India. Traditionally this would be done via satellite SNG trucks, but their expense and bulkiness made this difficult. APN News then tried to use mobile encoders to take the live video streams from the camera and transport that over multiple cellular phone networks simultaneously. But this proved unreliable. That is until they tried the Smart Telecaster range of products from Soliton.

Rajshri Rai, the Managing Director of APN News explained "We are always on the lookout for innovative methods of live streaming from the field which is easy to use by our journalists. Satellite Trucks proved not to be as agile as we hoped, and so we looked at cellular to live stream. But the mobile phone network in India is not very reliable so we were experiencing a lot of dropouts, especially in 2G areas when trying to live stream back to our broadcast centre."

Rai continues "Soliton are innovators in live streaming and was the first product we used that utilises H2.65 as a method to encode. The reliability was amazing, even working well at very low bit rates, which is quite common in a country like India. We have now invested in many units of both the Zao and the Zao-S".

The Zao-S is a mobile H.265 encoder that only weighs 400 grams and can be fully managed by a remote browser. It can support up to 3 SIM cards from different mobile phone carriers which are bonded as a single connection. Latency back to the broadcast centre, can be as low as 240ms, and can even work when bit rates drop below 500kb per second, making it ideal to operate for [News Gathering applications](#) in places such as India.

### ABOUT SOLITON SYSTEMS

Soliton System is Japanese technology company specialising in both outside broadcast solutions and IT Security Solutions. The Smart Telecaster range of products provides an H.265 encoding solution for live broadcasting, especially from remote places by being able to use 3G, 4G, LTE, WiFi, BGAN, BSAT and LAN connections to reliably stream good quality HD live video with minimal latency.

### ABOUT APN NEWS

APN NEWS, a fast-paced, vibrant and dynamic 24x7 Hindi News & Current Affairs TV channel with the tagline "Khabar Hai To Dikhege" which translates as "The News will be Seen!"

An initiative of Sobhagaya Media Pvt Ltd, APN NEWS is a young 24x7 news channel with a special focus on the Hindi heartland with footprints across India.

The channel has the reputation of being a people's channel with its cutting edge formats, state-of-the-art newsrooms and vast experience of news gathering.