

# DIGITAL PROJECTS

## A.P.Police Pushkaralu Goes Digital

Andhra Pradesh Police played a pivotal role in successfully concluding the festival Of Hindu Traditional and Desire of Vedas “Godavari Maha Pushkaram” during July 2016. Police Department was in search of a Digital Communication Network Solution which is Robust and with high reliability based radios to manage their strong communication and network.

A.P.Police communication requirements and solution has been managed by Arya Communications for nearly 18 years with trust backed by a team of dedicated Arya technical team. Hence, Digital Motorola Mototrbo solution has been their natural, preferred and undisputed choice to manage the month long Pushkaralu festival. This latest state of art technology backed Digital Mobile and Portable Radios alongwith Repeaters helped the Police force to access Common wide area channels for Entire state with the last Mile Portable Connectivity. It also helped to communicate with Different Govt. Departments Like Pushkaralu management Core Committee ,Revenue Department , Health, Disaster Management teams through a Central Command and Control Unit designed and technically managed by Arya Support team. While by choosing Digital TDMA based technology helped A.P.Police to maximise the frequency channel usages, the

IPSC (Internet Protocol Site Connect) feature helped them to connect the more number of sites over IP.

Arya Communication designed their A.P.Police Pushkaralu network with about 2000 + units mix of Portable, Mobile and Digital Repeater placed strategically across the Districts of eventlocations. These radios are capable transmitting datas and most interstingly compatible to interface data applications like TRBOnet, for AVLS/GPS Tracking, Voice Dispatch, voice Recording, Telephone calling, Route management, Geo-fencing and Network Management.

A much appreciated effort made live and successfully executed by Arya Communications and appreciated by Andhra Pradesh Police community.

## Uttar Pradesh Police MDS Dial 100 Project

Uttar Pradesh Police has always trusted the Arya Communications as a Communication Consultant which represents Motorola Solutions over two decades and while making a leap on Digital migration, Aryacom has been the most reliable, trusted and a value added engagement partner for U.P.Police which eventually mandated us to proceed with Mototrbo Digitisation as guided and technically supported by team Aryacom.

Dial 100, the most advanced

technology based solution as designed by Traffic Directorate Of U.P.Police entrusted on Arya Communication to provide the State Of art Technology based DMR Tier II Digital Radio solutions.

Dial-100 Project has been challenging as it virtually needs to interconnect the different networks like radios, Mobile GSM/CDMA Network, Conventional Landline alongwith an over-riding communication feature while the group call is in progress. Arya Communications designed the District wise radio flow alongwith Wide Range Coverage to connect and integrate the Rural Remote stations , track Field Mobile Radios at District Control Room with a compatibility to communicate with their existing Analog distributed network radios. This Solution also entails Static Radio Connectivity using Radio Over IP. Aryacom suggested and also made all these supplied radios protected with Advanced Encryption Module Softwares (AES) to ensure utmost secrecy of their operational communications.

Uttar Pradesh Police Dial 100 is presently populated with over 3500 + units Mobile Radios alongwith softwares to cater their fully digitised D100 solution need. Again, a mandate on Aryacom on trust and professional engagement as a communication Solution partner which comes from one of the leading Police Force in India.

Uttar Pradesh Police ■