

BRINGING RELIABLE VOICE COMMUNICATION TO THE SAHARA DESERT



The VoIP national government communication network is a leading project in term of technology and service improvement in Algeria. The Voice solution for the Wilaya (department) of Biskra 20000 km² is part of that project which already includes the following departments:

*Oum El Bouaghi 7000 km²
Relizane 5000 km²
Setif 7000 km²*

*And the following in the track
Chlef 5000 km²
Skikda 4000 km²
Tebessa 14000 km²*

Before this project the communications was carried out via PSTN lines which costs huge expenses, but now the budget saved by the Hipath 4000 solution can be invested in the development of the network.

The Hipath national network already includes 5100 subscriber lines in several types: IP , digital , analog and Dect. All subscribers in the different districts can be reached in a cost effective way via the private ISDN/IP network.

The Wilaya of Biskra's voice solution is the pilot project of the Algerian Ministry of Interior. The Wilaya geographical districts are organized as follow: the central office in Biskra city, 10 Dairas (districts) and 33 Communes (sub districts).



The central office includes the main system

Which is based on two redundant CPUs that provides high availability service for the local shelves as well as for the remote gateways. The local shelves include 4 AP3700 which manages 800 ports (IP, Digital, Analog and mobile DECT,

The district systems includes 5 IPDAs 3700 IP which each one manages 100 ports (IP, Digital and Analog)

The sub district system includes one AccessPoint AP1120.

Beside system installation and commissioning, the Ministry of Interior is giving an important focus to training and technology transfer, that need has been provided in our Algiers technical and training center by a system expert to the operational on site teams.



“SOULCO PROVES PROMISING RESULTS WITH GREAT POTENTIAL APPLICATIONS”