

### EXTENDING ALGIERS UNDERGROUND LINE 1 VOICE NETWORK



*The first line of Algiers underground system started in 2011 with 10 stations through 9,5 km. The stations as well as the central command node (PCC) were equipped with a voice solution based on Hipath 4000 V4. In 2012 the extension B of underground line 1 was launched along with stations equipment tenders. The telecom section of that project was won by COLAS rail which includes voice system for 4 underground stations.*

*The end customer needs was to equip the stations with reliable end user voice terminals with equal services as the phones in the first underground line. The best solution proposed was to extend the Hipath 4000 V4 IP based architecture which already includes 11 AP3700IP with 4 additional AP3700IP. That provided us the opportunity to offer the upgrade to the latest system version (V7) of the redundant central control processing unit. The offer was supported with a feature acceptance test (FAT) in Soulco Algiers Lab.*

*The below schematic diagram shows the technical design of the offer. We can see the network links of the existing solution with the additional stations. That brings up the total amount of voice lines to 400 ports.*

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