8/14/2024

Telephony System Proposal



Samson

CLOUDLOGIC LIMITED

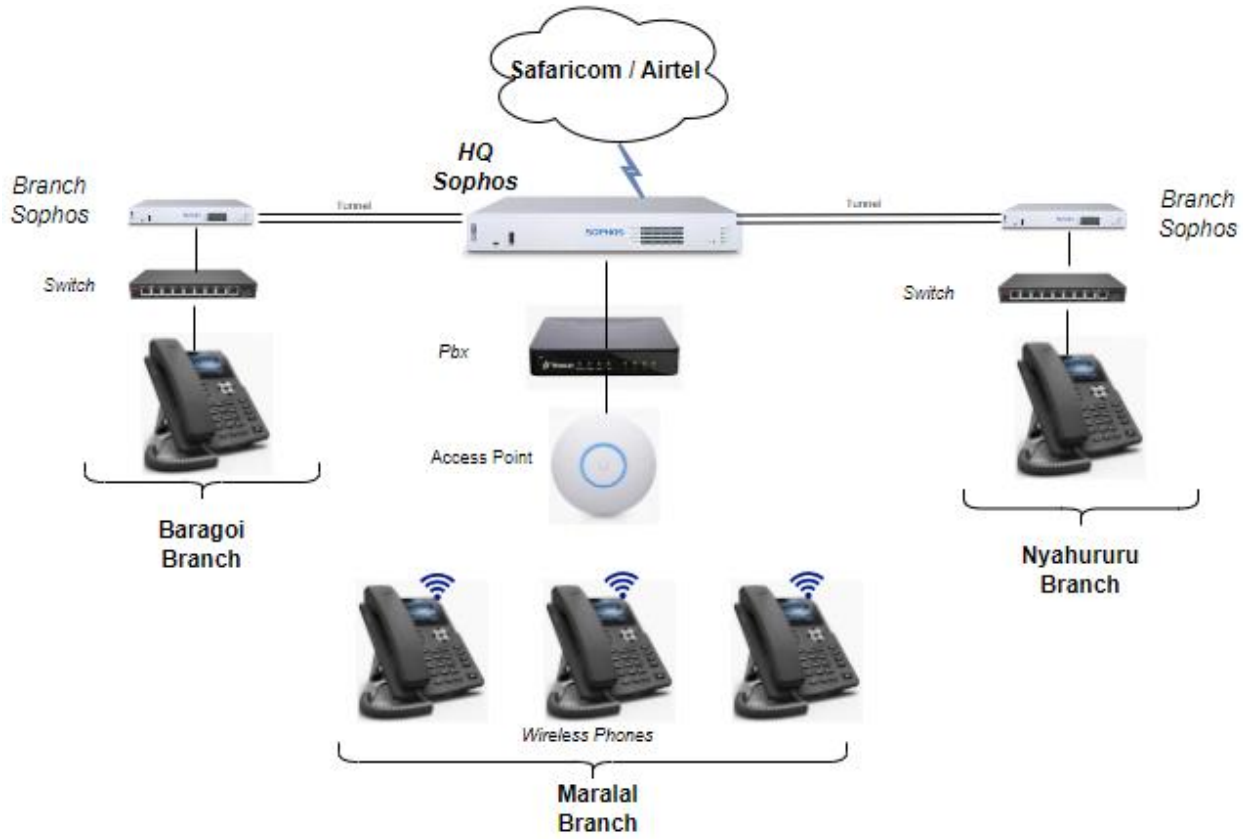
Proposed IP Telephony Solution for Supa Sacco

Introduction

Supa Sacco, a leading Sacco in Samburu County with offices in Maralal, Baragoi, Wamba, Archer's Post and Nyahururu, would like to implement telephony system to interconnect the branches and ease communication between the staff.

Cloudlogic Limited was approached to give a proposal for the same and this document outlines the solution on how the telephony system can be achieved at most affordable cost

Solution Overview



1. The Telephony system needs a **PBX** at the HQ branch. A PBX is a Private Branch eXchange, a hardware system that handles routing and switching of calls between a business location and the telephone network. This will ensure calls are made all through the organization

2. There will be desk phones that will be placed on the desks of all the users who will require communication. Based on earlier communication with the CEO, it was deemed necessary to have around 5 Phones in Maralal and 2 phones per branch. This figure can change based on requirements

3. The Desk Phones in Maralal will be WIFI enabled, to ensure quick and neat deployment, elimination need to re-cable the office to cater for the Phones. The phones will be powered via adapters connected to power extensions

4. The desk Phones in the branches will be wired, to ensure they connect to the local network at the branch and use the established tunnel to HQ via Sophos firewall

5. Safaricom / Airtel sim card will be connected to the PBX to enable support for GSM calls. **The solution gives provision for a single sim card**. In case multiple sim cards need to be used, then the solution will be redesigned to cater for the additional sim cards

6. Calls then then be forwarded / routed to various extensions or even branches via the PBX and even customers will be able to reach the branch via 'Landline' (Desk phone)

Budget Proposal

Telephony System Estimated Costs					
No.	**Item**	**Description**	**Quantity**	**Unit Cost**	**Total Cost**
1.	PBX	Yeastar S20 (for connecting desk phones)	1	35,000.00	35,000.00
2.	FX0	FX 0 (for enabling Sim card connectivity)	1	12,000.00	12,000.00
3.	Black Box	Huawei (for providing sim card slot)	1	7,000.00	7,000.00
4.	Desk Phones	FIP10/FIP10P Entry-level Business IP Phone	13	7,500.00	97,500.00
5	Executive Phone	Fanvil X7-V2 High-end Touch Screen IP Phone **(optional for the CEO)**	1	30,000.00	30,000.00
6	Cable	1 Box Cat 6 cable	1	25,000.00	25,000.00
7	Accessories	Extension Cables, Network connectivity, etc	1	5,000.00	5,000.00
8	Labor	Cost of installation and deployment	1	50,000.00	50,000.00
				Sub-Total	**261,000.00**
				Vat	**41,760.00**
				Total	**302,760.00**