

#### TELEFONÍA DECIMO

#### MANUAL TECNICO DE TELEFONIA IP ALCATEL

#### 1. COMPONENTES DE UNA RED TELEFONICA IP ALCATEL OMNIPCX

Alcatel es un tabricante con sede en Francia, quien maneja dos lineas de centrales telefônicas a nivel mundial, una enfocada a clientes Pymes o pequeñas empresas y la solución para grandes empresas.

En el laboratorio de telefonia se encuentra disponible. Central Telefonica OmniPCX Office (OXO). La cual es una central telefonica Hybrida y no Full IP, ya que soporta tecnología analógica, digital e IP, simplemente añadiendo el hardware necesario y las licencias correspondientes.

El laboratorio de Telefonia actualmente cuenta con los siguientes elementos:

1) 1 Central Telefónica Alcatel Lucent OmniPCX Office

La central Telefónica con la que cuenta la institución está compuesta de las siguientes partes:

 a) Gabinete Small que consta de tres ranuras, una de ellas dedicada para la CPU y dos ranuras adicionales para ingreso de tarjetas de linea.



Figura 1. Gabinete Small

- b) 1 Tarjeta CPU4
- c) 1 Tarjeta APA 4 (Cuatro puertos para ingreso de lineas analógicas externas del proveedor PSTN)
- 2) Teléfonos IP TOUCH 4038 y 4018



Figura 2. Teléfono IP 4038

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