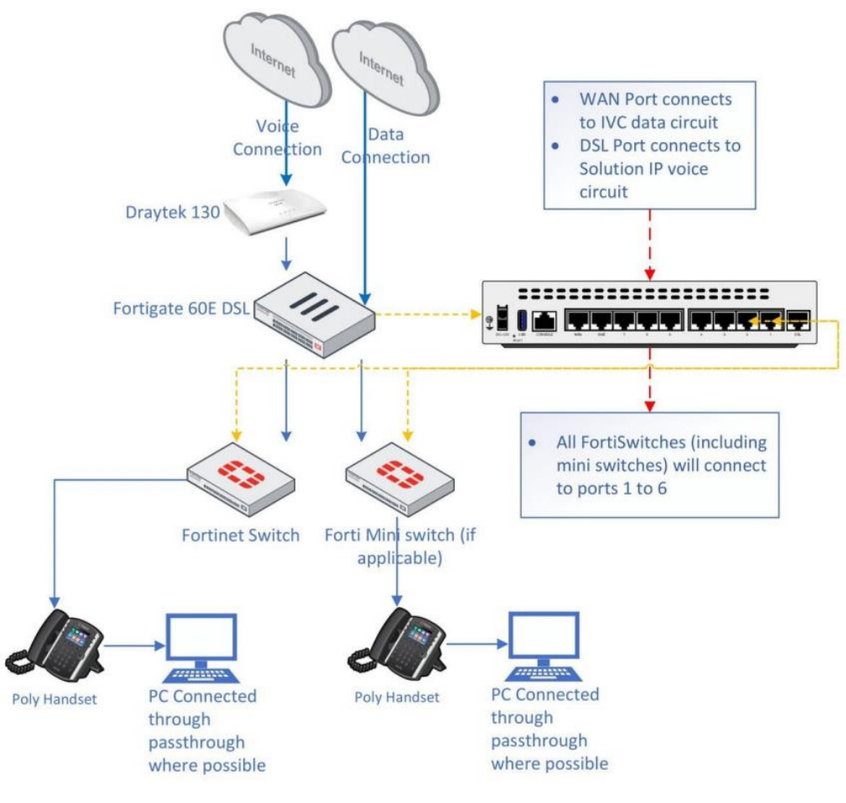
IVC Network Overview



Data Connections

Each practice should have two broadband connections. These connections could be FTTC, FTTP, SoGEA, ADSL Gfast or a Leased Line.

1. IVC Data Connection is used for their cloud-based Practice Management System (PMS) local PCs and data devices (including but not limited to printers, blood machines, MRI scanners, and Wi-Fi).
2. 2. Onecom voice connection.

The Onecom voice connection is normally located as close as possible to the existing broadband data connection. The Onecom connection should have a Draytek or T P link test router installed (the model will be made clear on the engineering handover pack we provide). The Practice/BT engineer should have put a Onecom sticker/label on the faceplate. If this hasn't been done, please can the third-party engineer label the connection as Onecom voice broadband.

Occasionally where BT has installed the connection in a different location there may be the need to do a cable run to get the connections close to the switch location.

We would also request the third-party engineer put a Onecom sticker/label on the faceplate. Occasionally where BT have installed the connection in a different location there may be the need to do a cable run to get the connections close to the switch location.

What's covered

Data Connections
Clinic Network – SD WAN
Network Switches
Cabling

Accredited by

IVC EVIDENSIA

Gamma Platinum Partner

FORTINET AUTHORIZED PARTNER

Planned Network Changes

Clinic Network/SDWAN

Prior to any installation, IVC will have migrated the practice to the "Clinic Network/SDWAN".

Network Switches

Onecom supports IVC with the installation of new FortiNet data switches as part of the programme. The customer/practice will have been made aware this will cause some network downtime when the old switch is removed, and the new one is installed (and all devices are patched back in). The worst-case scenario is 2-4 hours of downtime.

Checks in place

The switch will be connected to the FortiGate firewall and confirmed with IVC infrastructure that the configuration has been successful. Once this has been configured handsets can be connected as they will then be connected to the correct VLAN and routing will act accordingly.

Cabling

Onecom will take steps to ensure the voice connection is located as close as possible to the existing data connection.

There will be occasions where additional switches are required, in this scenario additional switches must be cabled back directly to the FortiGate firewall and IVC infrastructure will be alerted that this is required.

Reducing the reliance on these additional switches is preferable and it is feasible, our engineer will cable rather than use additional switches