

Government in Caribbean



Project Goals

To conduct a high-level design of a Wide Area Network for the government



NETWORKS Approach

- Classification of sites according traffic assumptions
- Algorithmic and manual development of a duct network structure considering existing infrastructure using Open Street Map (Web Map Services)
- Topology design and capacity estimation of transport network (microwave, IP)



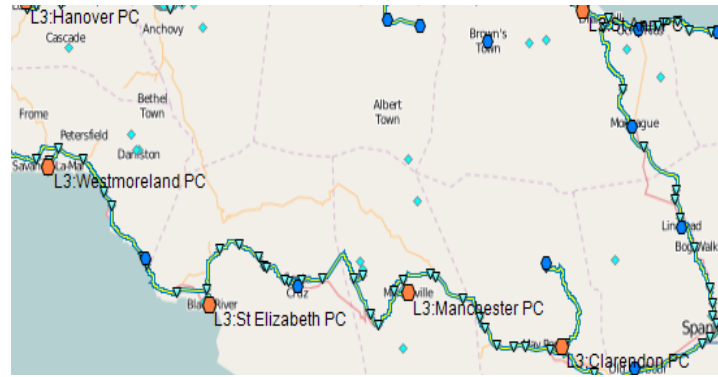
Client Benefits

- High-level design of the nationwide network which provides the required connectivity and capacity for future bandwidth demands as input for business plan

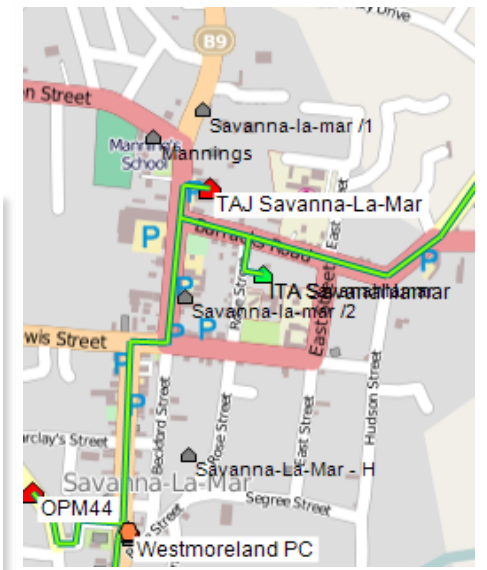
Wide Area Network Design – strategic planning of transport network

Automated georeferenced network design using public data

- Preprocess public data (streets)
- Consider public sites (ministries, schools, fire stations, hospitals, police stations, etc.)
- Provide recommendations for network topologies of the various layers: duct, cable (incl. microwave), IP/MPLS/Ethernet



National network



Detailed planning