

# / SMART PLACES PINACL IS THE SMART CHOICE

## / SMART PLACES - A CATALYST FOR DIGITAL TRANSFORMATION

Smart Places enable new services to be developed and existing services to be improved for citizens, local businesses and anyone associated with the area; whether it be through services such as smart lighting, environmental monitoring, waste management, smart traffic, smart housing, smart parking or access to free public WiFi.

A successful Smart Place will deliver significant improvements and opportunities for the local economy, becoming a place where people want to live, work and play. Pinacl is one of few companies who can deliver the end to end infrastructure and applications fundamental to any Smart Place. Pinacl's Smart Places solutions are inherently secure. The IoT-X platform from Stream, used to deliver the network service, is divided into separate networks for each customer, completely separate from one another. One customer cannot access another customer's data as traffic is blocked between networks.

Pinacl work closely with local and central government and businesses to ensure our Towns and Cities have the right infrastructure and systems in place to succeed in the 21st century and embrace urbanisation. Customers that Pinacl partner with to deliver Smart Place solutions include City of York Council, Aberdeen City Council and Newport City Council.

### / FEATURES:

#### > UBIQUITOUS IP COVERAGE

Ubiquitous IP connectivity available throughout the area via seamless support for wireless technologies such as WiFi 4G/5G mobile networks.

#### > DARK FIBRE INFRASTRUCTURE

Investing in a Dark Fibre network will ensure sufficient bandwidth is available now and in the foreseeable future to cater for future technology enhancements.

#### > ATTRACT INWARD INVESTMENT

Can attract inward investment from private and public sector bodies to help bridge the digital divide and promote business growth. It can also help to rejuvenate high streets.

#### > ENABLES SMART SERVICES

Smart Places are able to deploy smart services to increase efficiency and reduce costs such as smart lighting, smart traffic, digital signage etc.

### / BENEFITS:

#### > BREAKING LOCAL GOVERNMENT SILOS

Ability to break the silos and encourage cohesive working across disparate local government departments leading to improved services and lower implementation and operational costs.

#### > HIGH SPEED SERVICES

With a Dark Fibre backbone, our solutions can deliver high speed services, such as Internet Connectivity, to the anchor tenant, residents, local businesses, public services and more.

#### > DIGITALISATION OF SERVICES

Infrastructure is optimised for the mobile-first population allowing both public and private sector services, e.g transport, to utilise digital channels such as apps to provide real-time information.

#### > INTERNET OF THINGS READY

IoT Applications and services are easily deployed when there is a Dark Fibre infrastructure or LoRaWan network already in place.