Council Digital Core Principles.

The city centre development in phase one is aligned to the new City Centre Digital strategy. The strategy identifies the long-term vision and aspirations for a digital Swansea across the following core themes:

▪ Improving health and well-being (for residents and visitors) through the use of digital technology

▪ Enabling digital businesses

▪ Enabling joined-up public services through technology

▪ Ensuring public safety and security

▪ Optimising operations and cost.

The core digital infrastructure will enable cloud services for the public sector, residents and businesses. Delivery of the strategy will be phased and piloted over many years and is dependent on investment. However, examples of what this could mean includes:

▪ Wi-Fi access for residents and visitors on the move in the city centre

▪ Energy efficient street lighting with central management of brightness / dimming and fast digital reporting of faults

▪ Noise detection which could be used in conjunction with CCTV and trigger a real-time community safety response

▪ Movement detection to monitor footfall and traffic flow and aid city planning

▪ Air pollution detection linked to dynamic traffic management

▪ Intelligent waste collection and street cleansing, e.g. solar powered bins with sensors that are emptied when full, real-time monitoring of streets for the purposes of cleansing, aids planning, reduces operational costs and supports a greener environment

▪ Access to traffic information for residents, visitors and blue-light services via integrated digital technology

▪ Detection of parking spaces for residents and visitors and utilisation data / monitoring for the Council

▪ Smart buildings to reduce energy consumption, using technology to give real-time alerts and information around fire, security, lifts, communications, and access, whilst automatically adjusting areas such as lighting and temperature when not occupied

▪ Enhancing leisure and cultural experiences through the use of social media and digital technologies

▪ Improving information for residents and visitors with a disability via digital technology

▪ Increasing mobile working for public sector staff so services can be delivered close to the communities they serve

▪ Enabling residents, businesses and visitors to access digital public services 24/7.
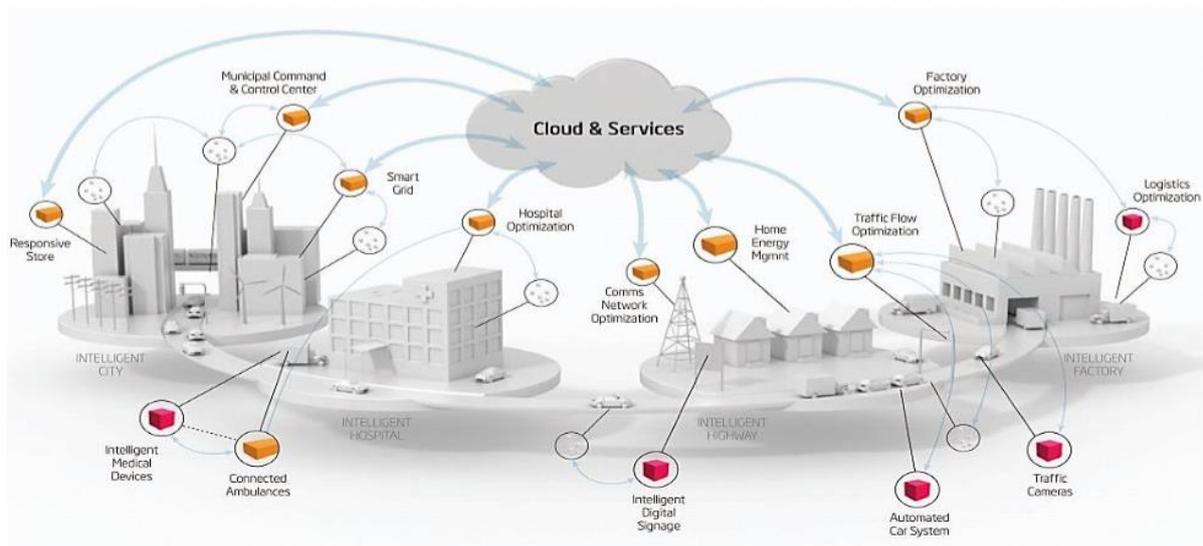
City Centre phase one is aligned in the following ways:

▪ Planning has taken a holistic approach to Wi-Fi and security, linking with the tactical use of street furniture. The proposal takes a long-term sustainable view of CCTV, community safety and City Centre Wi-Fi in the design of phase one

▪ In the absence of a Regional Digital Strategy the phase one proposal has made reasonable planning assumptions around long-term digital developments, e.g.

Welsh Government's ambition to provide a fibre link along the M4 corridor, East to West Wales

This is the first part of the journey delivering the core digital infrastructure and directly supports the connected city strand of the city deal, of which Swansea is the main focus.