

Andrew Rippon is a specialist Smart City Subject Matter Expert Director with vast experience of infrastructure and vertical asset digital transformation and implementation

A. Rippon

Senior Director Level

Highlights

- Andrew has worked in technology for 35 years, bringing the power of new technologies into construction and government projects including infrastructure and vertical assets.
- Current technology topics include IoT, AI, Computer Vision Video, low and high bandwidth wireless networks, Smart City Platforms, Digital Twins and Distributed systems.
- He has delivered designs, implementations and operational services in 22 countries, including the GCC, European and Asian countries.
- Fluent in English, Italian, French and Spanish

Background

- A. Rippon is a Director Level expert specialised in applying the latest robust technologies to infrastructure and vertical asset construction projects.
- In his work with district and city wide developments, Andrew has implemented area wide technologies such as video surveillance, networks, traffic and mobility management and smart security.
- Innovation and practical implementation are his particular strengths of his, with which he has brought to life concepts bringing together multiple disciplines.
- As a design consultant, Andrew has delivered concepts, designs and schematics for the implementation of Smart City technologies on both individual unit and on the scope of district developments.
- In the spheres of Smart Mobility, Andrew designed and implemented the first Autonomous Vehicle pilot in Saudi Arabia to transport 120,000 local citizens, managed by Saudi safety operators.

Sample of relevant experience

- As Smart City Director for three years in AIUla Andrew delivered 10 key Smart assets to the County construction projects, including Infrastructure, Vertical Assets and Mobility with technologies including video AI, IOT, DLT, networks, cloud, Smart City platform and Digital Twin.
- In Andrew's role as Principle Consultant & Smart City Architect at neXgen he was advisor to real estate developers, he designed and implemented building management systems, sensors, control centres, video operations and traffic control. Developers included Dubai Silicone Oasis.
- Still at NxN, Andrew was also the lead on their response to the Kuwait Smart Meter project, alongside industry leaders such as Siemens.
- While working with the Smart Dubai entity, Andrew designed and implemented the Smart City Platform.
- Andrew has worked with leading telecoms including Vodafone, STC, Etisalat and Zain.