

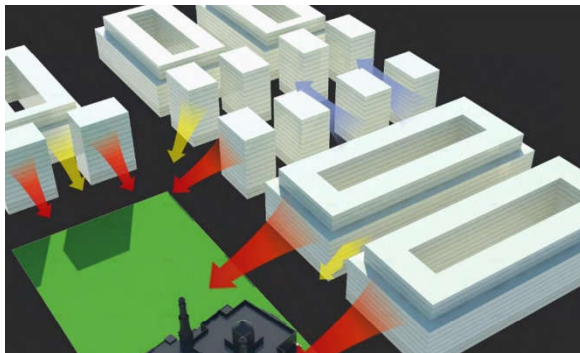
## UAE Development Masterplan – A Case Study

Instrom were approached in 2017 to review the designs for a new urban development in the UAE and prepare a Security Masterplan to form part of the overall masterplan. The development deliver a new community with a full range of modern facilities for health, education and comfortable living with green open spaces at its heart and throughout the development area.



When complete the development will cover a total area of 430,000 Sq. m and include 23,000 new residential homes from studios to 3 bed luxury apartments. The development will also include a new hospital, retail spaces, schools, mosques, community centres and Police and Civil Defence stations.

When initially reviewing the architect's design, Instrom had to assess the potential threats and risks to the new development and evaluate a range of mitigation measures that could be deployed to reduce or remove the risks without impacting on the environment for residents businesses and visitors.



It was essential that the design comply with the Abu Dhabi Security and Safety Planning Manual. So Instrom reviewed the planned designs for compliance and were able to provide feedback to the masterplan architects on compliance issues.

Working to established security design principals, Instrom were able to produce a security zoning plan with associated security measures to be applied to each zone.

Instrom's professional consultants worked with the masterplan team to develop a range of security design principals that would ensure a safe and secure environment for residents and businesses without imposing onerous conditions or costs on individual developers.

The final output from the appointment was a report setting out the security design principals and guidelines to be adopted by the developers, architects and specialist security design engineers when designing each individual element of the scheme.



**For more information on how Instrom can help with your security needs, please contact us.**

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