

GRAVITY ELEVATING SOLUTIONS

5G in SA

H A S A R R I V E D



5G is taking the world by storm and was a hot topic at the recent Lifting Safety to New Heights workshop hosted by the Gravity Group. But what is 5G and what can we expect?

Fifth-generation wireless (5G) is the latest iteration of cellular technology, engineered to greatly increase the speed and responsiveness of wireless networks, and in addition to improvements in speed, capacity and latency, 5G offers network management features, among them network slicing, which allows mobile operators to create multiple virtual networks within a single physical 5G network.

5G technology utilises a higher-frequency band of the wireless spectrum called millimetre wave that allows data to be transferred much more rapidly than the lower-frequency band dedicated to 4G. Estimates about how much faster range vastly but it is safe to say it's noticeably faster, ridiculously so.

4G supports up to 100,000 devices per square km. 5G will be able to support up to 1 Million devices per square km.

A key factor in the hardware required to support 5G coverage is that the antennas are a lot heavier making them trickier to install. Gravity Group has already positioned ourselves to meet this developing industry need, as was demonstrated at the workshop.



Gravity Training has developed a [mechanical lifting course](#) to accommodate the imminent demand for solutions to lift, install and maintain the new, heavier 5G antennas. The course focuses on the unique challenges that lifting operations of this kind pose and provides our clients with the most effective solutions to these challenges.



Gravity Gear has secured the sole distribution rights to Eder mechanical winches and has put together [mechanical lifting kits](#) than solve the challenge of lifting the heavier antennas.

GRAVITY IS EXCITED AND READY TO BE THE SERVICE PROVIDER OF CHOICE FOR THE 5G REVOLUTION.

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