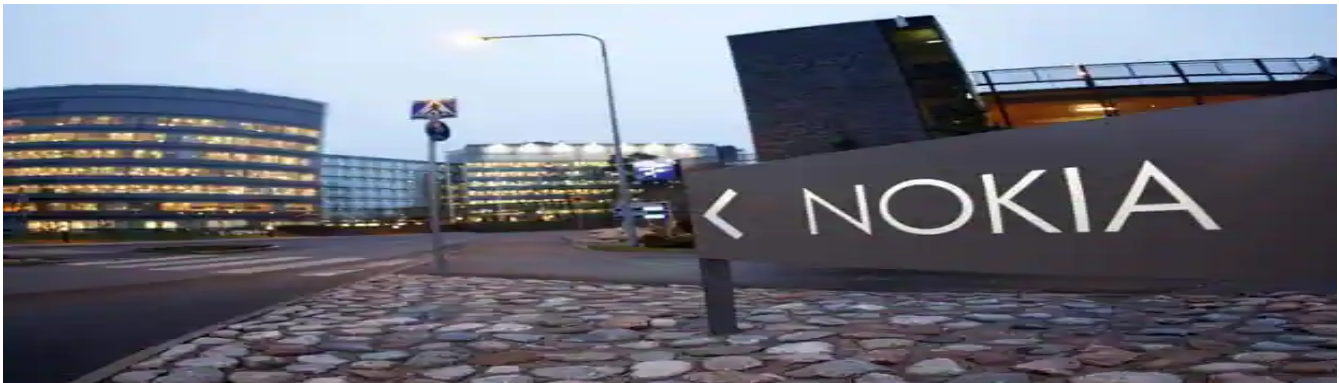


[Home](#) / [Companies](#) / Nokia buys Australian radio systems firm Mesaplexx

Nokia buys Australian radio systems firm Mesaplexx



Nokia expects Mesaplexx's advanced RF filter technology will help reduce cost and power consumption for its radio access base stations. Photo: AFP

1 min read . Updated: 06 Jun 2014, 06:11 PM IST

PTI

Mesaplexx expertise could help improve radio performance, leading to higher capacity and more efficient networks

New Delhi: Finnish telecom giant [Nokia Oyj](#) on Thursday said it had completed the acquisition of the Australian company [Mesaplexx Pty Ltd](#) to boost its radio capabilities in the networks business.

"The [Nokia](#) Flexi family of radio access base stations offers cutting-edge solutions that balance energy efficiency, power output and form factor. Adding the very advanced [Mesaplexx](#) technology can enhance them further, potentially reducing small cells form factor by 30% or more," Nokia said in a statement.

Nokia said it is continually improving its radio systems while making them smaller, lighter and more efficient.

"Those familiar with radio technologies know that while there has been a lot of progress in recent years, filters are one area where new

Every base station needs radio frequency filters to ensure that spectrum can be shared within a geographical area, and that the same antenna can be used to both transmit and receive signals.

"The Mesaplexx expertise could help improve radio performance, leading to higher capacity and more efficient networks. This technology would also help reduce overall cost and power consumption and keep radio signal loss to a minimum," Nokia said.

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