



Mr Manoj Narayanan

Founder & Chief Technical Officer
Polarizone Technologies

Narayanan Manoj is the founder and Chief Technical Officer of Polarizone Technologies, a secure wireless technology company based in Kuala Lumpur. A microwave and radar engineer by training, Manoj has more than 18 years of experience in designing wireless systems and components. Prior to setting up Polarizone, Manoj has been working with Nottingham University in Malaysia. Polarizone has been able to secure two stages of funding from Malaysian Venture Capital Bhd (Mavcap), and Ministry of science and Technology (MOSTI) of the Government of Malaysia. Polarizone is on track to profitable operation from this financial year and aims to be a leading player in the tactical and enterprise secure broadband wireless market.

Research Interests:

1. Low probability of exploitation (LPE) and Anti Jamming (AJ) techniques
2. Polarized antennas for higher order MIMO implementations
3. Capacity enhancement for WiMAX and Tetra spectrum

Manoj has been awarded a patent recently in the filed of polarized MIMO antennas for higher order MIMO systems. He has 3 patent applications pending with WIPO and USPTO in the secure broadband communication area. He has presented and published various articles and is an active member of IEEE.