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Idris Communications

About Idris

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Idris Communications develops wireless communication systems for aviation and consumer applications. Through a partnership with software developer, Granularity Information Architecture, Idris plans to provide complete communication solutions from system design to application development.

Since its founding in January 1999, Idris has been promoting technological advancements in wireless communications in the following ways:

- Partnerships with major telecommunications firms
- Partnerships with airlines and airport authorities
- Research partnerships with universities
- NASA SBIR awards for communication and aviation systems
- Membership on the IEEE 802.16 standards board
- Organization of the Protocol Unification initiative
- Patents and patents pending on communication technologies
- Papers presented at IEEE conferences on wireless communications

Idris communications is a licensee and developer of advanced communication technologies that have been evolving over the past ten years. Some of these technologies include:

- Multicarrier protocols
- Carrier interferometry
- Layered space-time processing
- Multi-dimensional diversity processing
- Frequency-shifted feedback processing for antenna arrays
- Ultrawideband CDMA
- Interferometry switching and passive addressing for WDM optical networks

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IPR2025-00792