<u>Bio</u>

Harinderpal Singh Grewal
Cluster Director
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Harin manages a cluster of divisions in IDA's Policy and Competition Development Group which are involved with technical regulation, namely "Resource Management & Standards" and "Interconnection & Access".

As part of the resource management portfolio, Harin leads a team that manages and coordinates the planning, allocation and assignment of frequencies, the national numbering plan as well as telecommunication standards.

Harin is also concurrently the Director of Interconnection and Access, where his team formulates and implements policies relating to economic and technical regulation, as well as access to buildings and facilities for use by telecommunication service providers.

Prior to this, Harin headed the Next Generation Nationwide Broadband Network (Next Gen NBN) programme office at IDA. During his tenure, his team successfully conceptualised and awarded the Requests for Proposal (RFPs) to appoint the Network Company (NetCo) and Operating Company (OpCo) of Singapore's Next Gen NBN. The Next Gen NBN is globally unique as its open-access model has been designed through a combination of structural and operational separation requirements set out by IDA.

In his 28 years at IDA, Harin has also led functions as diverse as Manpower Development and Wireless Mobility as well as being involved in Networking R&D for the first 8 years of his career.

Harin is an Electrical Engineer by training. His specialisations are in Wireless Telecommunications and Telecommunications Policy.