

# IET/IEEE RETIRED ENGINEERS GROUP

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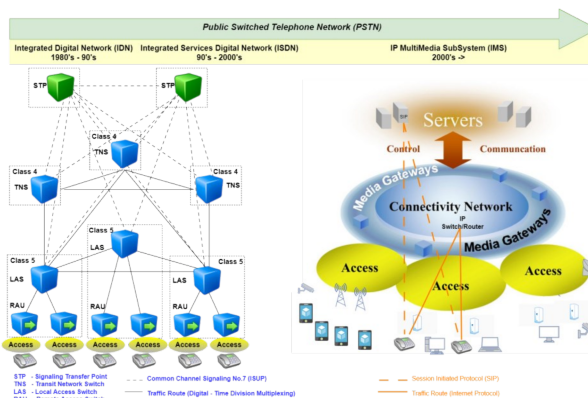
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## The Public Switching Telephone Network, do we still have one?

Webinar, 2 Aug 2023, 1pm

During the 90's the newly branded Telstra continues to radically digitise and expand the public switched telephone network, but it is no longer alone. During 1991 the Government issued a second telecommunications carrier licence, the process of public switched telephone network competition had begun. "Trunk bypass" allowed customers to select a long distance carrier for their high cost national and international calls. At the same time the Integrated Services Digital Network (ISDN) technology was being rapidly introduced. However, telecommunications engineers were working on a new generation of digital mobile radio network (2G) and on the internet which included a new voice calling technology, Voice Over IP (VOIP). During the next 10 years, radical decisions for the Australian communications landscape are made, the National Broadband Network is to be built and the fate of the Australian Public Switching Telephone Network is decided.



**Presenter: Paul Vella. Principal Architect, Architecture Centre of Excellence, Global Network and Technology, Telstra Limited .**



Paul Vella is an Engineer, with a BE in Communications and Electronic Engineering from RMIT. Paul has worked in the telecommunications industry for over 35 years, starting in Telstra as an Engineer Class 1 in exchange switching and support, then working on ISDN platforms and as the lead engineer on carrier interconnection, dial 1 access and carrier preselection. In July 1999 Paul became the National Manager for Telstra's Deployment Standards and Technology and then the National Manager for Wireline and Wireless Access Technologies. In 2003 Paul returned to managing the deployment of all new voice switching technologies in Telstra and in 2011 became the Principal Architect for Fixed Voice Calling. From 2011 to July 2015 Paul was the Telstra Chief Architect for Enterprise Architecture and Enterprise Systems and Planning Architecture and Paul continues to operate as an expert network and IT business support systems Principal Architect in Telstra.

**Registration is free.** Members and visitors are welcome.

For further details contact Geoff Jansen or Don Grigg.

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