

NBN-RELATED GLOSSARY

- a) This Glossary defines terms used in any Telstra notice or publication relating to the Structural Separation Undertaking, the Migration Plan or the NBN generally.
- b) If a term in this NBN-related Glossary is also defined in the Structural Separation Undertaking or the Migration Plan, the definition in the Structural Separation Undertaking or the Migration Plan prevails to the extent of any inconsistency.
- c) If the same term is defined in the Glossary and in a wholesale customer's Supply Agreement, the term as defined in this Glossary prevails to the extent of any inconsistency when that term is used in any Telstra notice or publication relating to the Structural Separation Undertaking, the Migration Plan or the NBN generally.

TERM	DEFINITION
ACCC	Australian Competition and Consumer Commission.
ADSL	Asymmetric Digital Subscriber Line – A technology for delivering high speed data transmission over a copper phone line. As the name suggests, it provides different downstream (network to end-user) and upstream (end-user to network) bandwidth.
AM	Account Manager.
B2B	Business to Business.
BGE	Business Grade Ethernet – Business Grade Ethernet is a flexible, high-speed layer 2 networking solution for service providers. It links customer LANs across two or more sites in point- to-point and multipoint configurations.
BOM	Business Operations Manager.
BPM	Business Performance Management.
Brownfields	A pre-existing Premises that is currently served by Copper. Services.
Business Day	A day other than a Saturday, a Sunday or a public holiday in New South Wales or Victoria.
Cease Sale Commencement Date	In respect of a Rollout Region, the Cease Sale Commencement Date is the date from which Telstra will reject or refuse to accept Orders for new Copper Services (other than Special Services within an SS Class whose Disconnection Date has not passed) at a Premises within the Fibre Footprint in that Rollout Region where: <ol style="list-style-type: none"> a) the Premises is NBN Serviceable; or b) the Premises is not NBN Serviceable but the Order cannot be provisioned without the installation of new infrastructure.
Contracted Special Services	Copper Services supplied by Telstra in accordance with a limited number of retail contracts that were entered into by Telstra before 23 June 2011.
Copper Line	A Line or series of Lines that is part of the Copper Network that, together with any customer wiring, forms a connection to Premises.

Copper Network	<p>A network in Australia over which Telstra is in a position to exercise control comprising copper or aluminium wire based lines:</p> <ol style="list-style-type: none"> from the network boundary point at each Premises up to and including the first electronic remote access multiplexer (e.g. a CMUX or RIM) immediately upstream of each such Premises; or from the network boundary point at each Premises up to and including the MDF in a Telstra exchange (or similar location) immediately upstream of each such Premises; or from the first electronic remote access multiplexer immediately upstream of each Premises up to and including the MDF in a Telstra exchange (or similar location) immediately upstream of each such electronic remote access multiplexer, <p>which is, or has been at any time, used to provide fixed-line carriage services, and includes each such electronic remote access multiplexer and MDF.</p>
Copper Path	<p>A logical path built over a Copper Line or series of Copper Lines to provide a Copper Service. Where that Copper Service is provided over multiple Copper Lines, all Copper Lines over which that Copper Service is provided are taken to form part of the same Copper Path. Where a Copper Line is used to provide a Copper Service to more than one Premises, the Copper Path is the Copper Line to the extent that it is used to provide Copper Services to each such Premises.</p>
Copper Service	<p>A carriage service provided using a Copper Path. Copper Service does not include Soft Dial Tone or a Network Management Service.</p>
CRA	<p>Customer Relationship Agreement – The CRA is Telstra's standard agreement for the provision of services to Wholesale customers.</p>
DDS Fastway	<p>Data Distribution Service (DDS) Fastway – A single point-to- point clear channel service which can be used for the transmission of data, video and/or voice communications.</p>
Designated Day	<p>1 July 2018, or such other designated day specified by written instrument in accordance with s577A(10)(b) of the Telecommunications Act (Cth).</p>
Direct Special Service	<p>A special class of carriage service which, under the Migration Plan, Telstra can continue to supply after the Disconnection Date for the relevant Rollout Region, until disconnected on the Disconnection Date for the particular SS Class to which the Direct Special Service belongs. The Direct Special Services are set out in the 'Access Service' column of Tables 1 and 2 in Schedule 4 of the Migration Plan, including the corresponding product bundles set out in Table 1 and Table 2.</p> <p>The list of SS Classes and the corresponding Direct Special Services within each SS Class can be found at http://www.telstrawholesale.com.au/download/document/direct-special-services-and-special-service-classes-final.pdf</p>
Disconnection Commitment	<p>The cessation of supply of and disconnection of a Service on a Separating Network in accordance with the Migration Plan or an agreement with NBN Co provided to the ACCC under section 577BA of the Telecommunications Act (Cth).</p>
Disconnection Date	<p>This term has two meanings depending on the context in which it is used:</p> <p>First, in relation to a Rollout Region (the Rollout Region Disconnection Date), Disconnection Date means the date specified as the Disconnection Date for that Rollout Region in the NBN Co Rollout Schedule published by Telstra from time to time at http://www.telstrawholesale.com.au/download/document/rollout-list.pdf</p> <p>Second, in relation to a SS Class (the SS Class Disconnection Date), the Disconnection Date means the earlier of:</p> <ol style="list-style-type: none"> the date that the SS Class is no longer supplied by Telstra or any earlier cease supply date applicable to Telstra's acceptance of new orders as determined in accordance with a standard Telstra product exit process; and the White Paper Disconnection Date, if any, applicable to that SS Class.
DSL-L2IG	<p>Telstra Wholesale's broadband service delivered over copper lines.</p>

DSLAM	Digital Subscriber Line Access Multiplexers - Network devices normally located in telephone exchanges providing multiple ports connecting end-user copper lines for the provision of Digital Subscriber Line (DSL) broadband service.
ESA	Exchange Service Area.
ETC	Early Termination Charge - A charge applied to an account for a product, service or feature that is terminated prior to the expiration of a contractually-agreed fixed period of service. The ETC is applied to allow the service provider to recoup some of the upfront costs of providing the product, service or feature that would have otherwise been paid by the customer over the agreed period of service.
FAN	Fibre Access Node – A facility that houses the active equipment providing services to a Fibre Serving Area (FSA).
FDA	Fibre Distribution Area – The area served via a single Fibre Distribution Hub (FDH) which connects addresses to the serving FAN site(s) via Local Fibre to the NBN Fibre Network.
FDH	Fibre Distribution Hub – A facility that houses the optical splitters.
Fibre Footprint	In relation to a Rollout Region: a) before the Disconnection Date for that Rollout Region, the set of Premises included in the proposed Fibre Footprint for the Rollout Region published by NBN Co; and b) on the Disconnection Date for the Rollout Region, the set of Premises notified by NBN Co to Telstra (or derived from information notified by NBN Co to Telstra) as having been Passed in that Rollout Region.
Fibre Service	A carriage service which is, or is to be supplied by NBN Co over the NBN Fibre Network.
FNN	Full National Number.
FRA	Fibre Ready Area – Areas defined by NBN Co where the NBN fibre is switched on and ready for connection.
FSA	Fibre Serving Area – The area served by a Fibre Access Node (FAN) site, which will be a cluster of Fibre Distribution Areas (FDAs). The FDAs will be connected via distribution fibre.
FSAM	Fibre Serving Area Module - An area in which the NBN Fibre Network will be deployed, usually comprising more than one FSA. There may be a number of separate FSAs within a suburb (due to network architecture or geography), or a region may cross suburb boundaries. As a result, the NBN may not be rolled out to an entire suburb at the same time. An average region contains 2,800 addresses and there will be approximately 4,000 FSAMs passed in the 8 to 10 year rollout. An FSAM may form a Rollout Region, or part of a Rollout Region.
FTTB	Fibre-to-the-Basement – A fibre is deployed to a network terminating device in a MDU and existing in-building wiring is used to deliver NBN services to the Premises in that MDU.
FTTP	Fibre-to-the-Premises – A fibre is deployed to each Premises, completely replacing the Copper Network serving that Premises.
Gbps	Gigabits per second.
General Services	The services, other than Special Services or Special Service Inputs, which Telstra is required to disconnect at a Disconnection Date in a Rollout Region.
Greenfields	Greenfields are new developments that will be passed by the NBN. There are two types of Greenfield development: a) broadacre: undeveloped land b) infill: development or re- development on previously developed land surrounded by established areas.

HFC Line	A line that is part of the HFC Network that forms the connection to a Premises;
HFC Network	means a hybrid fibre-coaxial telecommunications network: a) that is used for the transmission of broadcasting services; and b) the line component of which consists of optical fibre to connecting nodes, supplemented by coaxial cable connections from the nodes to the premises of end-user.
HFC Service	A carriage service provided using an HFC Line, other than a Foxtel service or HFC user service permitted under the Migration Plan.
Info Tranz	Information Transfer System.
In-Place Jumper	In relation to a MDF, means a Jumper that was used at any time to carry Copper Services from the carrier side of the MDF to the customer side of the MDF.
In-Train Order Premises	A Premises that is Passed, and in respect of which NBN Co determines that: a) a completed, valid and serviceable order for the provision to an NBN Customer of a Fibre Service to that Premises has been accepted by NBN Co before the relevant Disconnection Date; b) the installation work or provision of Fibre Services for the order is scheduled to commence before the date which is 30 Business Days after that Disconnection Date (unless otherwise extended by NBN Co); and c) NBN Co believes that Premises will not be NBN Connected as at the Disconnection Date.
IPTV	Internet Protocol Television – Television/video services streamed across the internet enabled by broadband connection.
ISDN	Integrated Services Digital Network – A digital service providing switched and dedicated integrated access to voice, data and video.
Jumper	A Line that is used, or is installed in an MDF and is capable of being used, to supply a Carriage Service from the carrier side of an MDF to the customer side of an MDF.
Line	a) a wire, cable, optical fibre, tube, conduit, waveguide or other physical medium used, or for use, as a continuous artificial guide for or in connection with carrying communications by means of guided electromagnetic energy; b) a “line” as defined in the Telecommunications Act (Cth) if that definition differs from paragraph (a); or c) any other media of a similar nature to any one or more of the media under paragraphs (a) or (b) above.
LOLIG	LinxOnline Interaction Gateway.
LOLO	LinxOnline Ordering.
LSS	Line Sharing Service provided by Telstra as Telstra Spectrum Sharing Service.
Managed Disconnection	The process set out in the Migration Plan, by which Telstra will commence disconnection of remaining Copper Services and HFC Services which are still active at Premises within the Fibre Footprint in a Rollout Region and for which no disconnection order has been received by Telstra from a retail customer or a wholesale customer at that Premises before the Disconnection Date.
Mbps	Megabits per second – A megabit per second (Mbit/s or MBPS) is a unit of data transfer rate equal to 1,000,000 bits per second or 1,000 kilobits per second.
MDF	Main Distribution Frame.

MDU	Multi Dwelling Unit - Premises that contain more than one dwelling unit.
Migration	The disconnection of Copper Services or HFC Services at a Premises and NBN Connection at the same Premises.
Migration Plan	<p>The approved migration plan as defined in section 577BE(1) of the Telecommunications Act 1997 (Cth).</p> <p>The Migration Plan forms part of Telstra's Structural Separation Undertaking (SSU) and sets out the actions Telstra will take and the processes which it will apply to:</p> <ol style="list-style-type: none"> cease supplying fixed line services (other than certain exempt services) using Telstra's Copper Network and HFC Network; commence to supply fixed line carriage services to customers using the NBN Fibre Network; and disconnect wholesale and retail copper and HFC services as the NBN Fibre Network is rolled out in a timely manner and with a minimum of disruption, and, to the extent practicable, Telstra will do so in a manner that provides equivalent treatment for wholesale customers and retail business units.
Migration Window	for a Rollout Region, the period commencing on the Region Ready for Service Date and ending on the Disconnection Date for that Rollout Region.
MLL	Managed Leased Line - A premium backhaul transmission product that offers permanent, reliable and secure connectivity.
NBN	National Broadband Network- The National Broadband Network is a Federal Government initiative to ensure all Australians can choose high-speed broadband. Once completed, the NBN's fibre will reach 93% of Australian premises. The remaining 7% will be served by either fixed wireless or satellite technologies.
NBN Co	NBN Co is 100% owned by the Australian Government and is responsible for delivering Australia's first wholesale-only, open-access broadband network to all Australians. NBN Co's customers are Retail Service Providers (like Telstra).
NBN Co Jumpering	In relation to the FTTB rollout means the removal by NBN Co of an In-Place Jumper and replacement of the In-Place Jumper with a new Jumper to provide a NBN Service using FTTB technology.
NBN Co Rollout Schedule	The schedule (and any schedule designated by Telstra as an amended or replacement NBN Co Rollout Schedule) specifying important dates associated with Migration and published on the Telstra Wholesale website, Telstra Wholesale Customer Portal or in some other method as determined by Telstra from time to time.
NBN Connection	A Premises is NBN Connected if a commercial wholesale NBN Service is provided in respect of those Premises that is not provided in connection with the development program or as part of any pilot, trial or test provision of services.
NBN Fibre Network	The optical fibre telecommunications network that is owned or controlled by, or operated by or on behalf of, NBN Co or a related entity of NBN Co.
NBN-related Service Withdrawal Communication	A communication in which Telstra outlines to its wholesale customers how it will implement its NBN-related Disconnection Commitments by progressively terminating and withdrawing wholesale services as the NBN Fibre Network is rolled out.
NBN Service	Any service provided by NBN Co (or a related entity for the purposes of the Migration Plan) over the NBN Fibre Network.
NBN Serviceable	A Fibre Footprint Premises that NBN Co has determined is serviceable by the NBN Fibre Network, as shown by the NBN Co service qualification system.
Network Management Services	<p>Copper Services used only by Telstra exclusively for Copper Network management purposes such as network alarm management, cable pressurisation alarms and network synchronisation, but does not include any carriage services used for:</p> <ol style="list-style-type: none"> voice communications; or the carriage of data not exclusively required for the management of Telstra's networks.

OCT	Our Customer Terms – Our Customer Terms, formerly known as the 'Standard Form of Agreement', sets out terms and conditions on which Telstra provide products and services to Home and Family (residential), Business and Government and Telstra Wholesale customers.
Order	A request for provision of services, capacity or other matters placed with Telstra by a wholesale customer under a Supply Agreement with Telstra, including a varied Order.
Order Stability Period	In relation to a Rollout Region, the order stability period as determined by Telstra in accordance with clause 13 of the Migration Plan.
Order Stability Period Commencement Date	In relation to a Rollout Region, the date on which the Order Stability Period commences in that Rollout Region.
Passed	A Premises is will be Passed if it is included in a list of Premises notified by NBN Co to Telstra from time to time (or derived from information notified by NBN Co to Telstra), that both have been passed by the NBN Fibre Network and are capable of being physically connected to the NBN Fibre Network, irrespective of whether or not the Premises is NBN Serviceable.
Premises	Each of the following is a Premises: <ul style="list-style-type: none"> a) an addressable location currently used on an on-going basis for residential, business (whether for profit or not), government, health or educational purposes; b) a school as defined by the Department of Education, Employment and Workplace Relations; c) a location within a new development at an addressable location for which NBN Co is the wholesale provider of last resort; d) an addressable location for a Standard Telephone Service which is activated in compliance with the universal service obligation; e) a payphone at a location at which Telstra is required to install or maintain a payphone in accordance with an instrument made under section 12EF of the Consumer Protection Act; f) a location which NBN Co is directed to connect to the NBN Fibre Network;
PSTN	Public Switched Telephone Network – The Copper Network to the extent that this network supplies traditional phone services that will be gradually switched off as the supply of fixed voice telephony services are to be moved to the NBN Fibre Network.
Pull Through	When connecting premises to the NBN, it may be necessary (and quicker) for NBN Co (or its contractor) to use the existing Copper Lines in a lead-in conduit to pull through the new fibre optic cable.
Region Ready for Service Date	In relation to a Rollout Region, the date advised by NBN Co in a notice published on its website that NBN Fibre Services will be able to commence to be supplied in that Rollout Region.
Required Measure	Required Measures are various measures, processes and business practices that Telstra has committed to develop in accordance with the Migration Plan and submit to the ACCC for approval by 7 September 2012.
Rollout Region	A region that will be the basis of deployment of the NBN Fibre Network as notified to Telstra by NBN Co. Rollout Regions are listed in the NBN Co Rollout Schedule.
Rollout Region Disconnection Date	See Disconnection Date.
SDU	Single Dwelling Units – A premises that contains only one dwelling unit.
Separating Network	A network which Telstra is required to disconnect under the Migration Plan or an agreement with NBN Co provided to the ACCC under section 577BA of the Telecommunications Act (Cth).
Service	A service supplied, or to be supplied, under a Supply Agreement.

Service Equivalent	Two Carriage Services will be Service Equivalent if they are substantially similar in terms of bandwidth, availability, service level agreements, UNI characteristics and features and encapsulation protocol.
SIO	Services in Operation.
Soft Dial Tone	A service that: <ul style="list-style-type: none"> a) allows an end user at a Premises in a Rollout Region connected by a Copper Path over which Telstra supplied a Copper Service which is either a retail Standard Telephone Service or a wholesale line rental service at the Disconnection Date for that Rollout Region, after the disconnection of that Copper Service, to call Telstra's customer service and fault centre numbers and to make emergency calls, but does not otherwise allow end users to make or receive other calls, or to receive other Copper Services; and b) is taken not to be a carriage service or a Copper Service, for the purpose of the Migration Plan.
Special Service	Some services currently provided using the Copper Network won't be immediately available over the NBN. These services will continue to be delivered using the Copper Network (even after the Disconnection Date) until the class of service is exited, either as a result of a Telstra product exit or as a result of NBN Co introducing an alternative product over the NBN. Under the Migration Plan, "Special Service" includes Special Service Inputs and Contracted Special Services.
Special Service Input	ULLS certified by a wholesale customer as being used to provide a carriage service which is Service Equivalent to a Direct Special Service. While LSS is noted in the Migration Plan as a Special Service Input, Telstra is not able to maintain the underlying PSTN on which the LSS is supplied beyond the Disconnection Date for any Rollout Region, nor is it able to supply a new PSTN service in a Rollout Region once the cease sale obligation applies. Accordingly, Telstra encourages customers to use ULLS as a Special Service Input.
SS Class	Each type of Direct Special Service identified in the "Access Service" column of Table 2 in Schedule 4 to the Migration Plan, and each such SS Class will include each Special Service Input that is certified by a Wholesale Customer to be Service Equivalent to that type of Direct Special Service. The list of SS Classes and the corresponding Direct Special Services within each SS Class can be found at http://www.telstrawholesale.com.au/download/document/direct-special-services-and-special-service-classes-final.pdf
SS Class Disconnection Date	See Disconnection Date.
SS Product Release	A commercial release of additional product functionality by NBN Co relevant to a particular SS Class.
Supply Agreement	A supply contract under which Telstra supplies one or more Services to a wholesale customer over a Separating Network, as identified by Telstra for the purposes of service withdrawal.
TEBA	Telstra Equipment Building Access – Telstra Equipment Building Access (TEBA) means access to floor space and other facilities such as security, electricity, cable trays and interconnection cables in Telstra exchange buildings. Customers can install and operate their own equipment for interconnection with Telstra.
Telstra Exempt Fibre Lines	Fibre local access network lines which Telstra is permitted to continue operating, the Disconnection Commitments notwithstanding.
TWCP	Telstra Wholesale Customer Portal.

ULLS	Unconditioned Local Loop Service – The provision of one or more twisted copper pairs between the exchange and the network boundary of a customer’s premises. ULL service allows Carriage Service Providers direct access to households and businesses using Telstra’s communications wires. This enables access seekers to directly compete for customers and offer a range of telephony and data services.
ULLCIS	Unconditioned Local Loop Carrier Interface System – A Telstra system used for provisioning and service qualification of ULLS. It captures, validates and utilises information from an access seeker and provides automated transactions by file transfers between the access seeker and Telstra.
Voiceband Continuity	In relation to the rollout of the NBN using FTTB technology, means the provision by NBN Co of the physical infrastructure that, following NBN Co Jumpering, will support continued provision of the voice frequency spectrum on the Copper Network by the Carriage Service Provider that was providing voice services to a Premises over the Copper Network immediately prior to NBN Co Jumpering at that Premises.
VLAN	Virtual Local Area Network A network of computers that behave as if they are connected to the same wire even though they may actually be physically located on different segments of a LAN. VLANs are configured through software rather than hardware, which makes them extremely flexible. One of the biggest advantages of VLANs is that when a computer is physically moved to another location, it can stay on the same VLAN without any hardware reconfiguration.
WAN	Wide Area Network – A computer network that connects computers and devices in a large geographical area, typically across metropolitan or regional boundaries.
White Paper	The white paper published from time to time by NBN Co setting out a proposal for a new SS Product Release.
White Paper Disconnection Date	The date that is 35 months after an independent assessor has made the appropriate determination in relation to the relevant White Paper, or otherwise the date that is 36 months from the date that the White Paper was published by NBN Co.
WTx	Wholesale Transmission – Telstra Wholesale Transmission offers permanent, reliable and secure point-to-point connections for both our customers and their end users. Wholesale Transmission is suitable for transmitting voice, data and IP information.
WWS	Wholesale Wavelength Service – The Telstra Wholesale Wavelength Service provides high bandwidth, point-to-point connectivity between network Points of Presence (PoPs). The solution enables rapid upgrade and configuration.

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