



ASX Market Connectivity

Schedule of Fees



29 September 2011
Version 2.1

Contents

Trading Host Connection	4
Market Data Connection	5
Clearing and Settlement Host Connection	6
Trading and Administrative Applications	7
Clearing and Settlement Applications	8
Network Services	9
ASX ALC - Hosting Services	13
ASX ALC – ASX Service Connections	14
ASX ALC - Technical Support Services	15
ASX CoLo (Bondi Junction) - Hosting Services	17
ASX Business Continuity Site - Hosting Services	18
ASX 24 International Hosting Services	19
Technical Support	20
Development Access	21
Market Information Vendor – Direct Connectivity	24
Service Provider - Market Connectivity	29
Appendix 1 – ASX Net Data Feeds	32
Appendix 2 – ALC Cross Connects	34
About this Document	

This Schedule of Fees sets out fees applicable to ASX Market Connectivity, which are supplied by ASX Operations Pty Limited ABN 42 004 523 782, a wholly owned subsidiary of ASX Limited, ABN 98 008 624 691. All fees are shown in Australian dollars. All fees are effective from the effective date and are subject to change from time to time. If you require further clarification please contact your ASX Account Manager or ASX Customer Service (telephone: 131 279). © Copyright 2010 ASX Operations Pty Limited and its related bodies corporate. All rights reserved.



ASX Market Connectivity

Schedule of Fees



29 September 2011
Version 2.1

Trading Host Connection

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
02900015	ASX Trade Gateway	Hardware and application to connect to ASX Trade.	Per Gateway	Monthly	\$325.00	1 Jul 2010
05100085	Liquidity Cross Connect (LCC) – ASX Trade	Connectivity to the liquidity of TradeMatch, PureMatch and VolumeMatch via an ASX Trade LAN connection.	Per Cross Connect	Monthly	\$1,750.00	1 Dec 2011
05100066	Redundant Teamed Connection	A Redundant Teamed Connection (RTC) Active Standby for use with any Cross Connect	Per RTC	Monthly	\$150.00	1 Nov 2010
02900020	Standard Open Interface Session – ASX Trade	Access to ASX Trade supporting 10 Transactions Per Second into TradeMatch, PureMatch and VolumeMatch.	Per Session	Monthly	\$600.00	1 Jul 2010
02900022	High Capacity Open Interface Session – ASX Trade	Access to ASX Trade supporting 50 Transactions Per Second into TradeMatch, PureMatch and VolumeMatch.	Per Session	Monthly	\$2,800.00	1 Nov 2010
02900000	DTR Registration	Registration of a DTR with ASX	Per DTR	Monthly	\$25.00	1 Jul 2010
05100015	ASX Trade 24 Gateway	Hardware, application and session supporting up to 12 Transactions Per Second (TPS) and connection to ASX Trade 24.	Per Gateway	Monthly	\$1,500.00	1 Jan 2011
05100080	Liquidity Cross Connect - ASX Trade 24	Connectivity to the liquidity of ASX 24 via an ASX Trade 24 DC connection supporting 12 Transactions Per Second.	Per Cross Connect	Monthly	\$2,500.00	1 Dec 2011
06200003	Trading Access via an ASP ¹	Incremental fee charged to a Participant for trading access via an ASP for each ASX trading system.	Per trading system, per connection point	Monthly	\$750.00	1 Oct 2010 Ends 30 Nov 2011 ²

¹ This fee is payable by an ASX Participant that uses an Application Service Provider (ASP), for each access point, to either ASX or ASX 24.

Market Data Connection

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
03650001	ASX ITCH - Connection	Connection to ASX Market Information via the ITCH protocol.	Per Cross Connect	Monthly	\$1,000.00	1 Dec 2011
03650002	ASX ITCH - Access	Access to all market information from venues hosted on ASX Trade via the ASX ITCH protocol (includes 1 Glimpse session).	Per Session	Monthly	\$3,500.00	1 Feb 2011
03650004	ASX ITCH – Additional Glimpse Session	Access to an additional Glimpse session (Glimpse provides an order book snapshot in ITCH format).	Per Session	Monthly	\$250.00	1 Dec 2011
05100066	Redundant Teamed Connection	A Redundant Teamed Connection (RTC) Active Standby for use with any Cross Connect	Per RTC	Monthly	\$150.00	1 Nov 2010

² This fee is being incorporated into the ASP Licence Fee payable by an ASP vendor, which will increase from \$1,000 to \$1,750pm.

Clearing and Settlement Host Connection

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100071	ASX Clear (Futures) - Connection	Connection and supporting hardware and application (RNG) to ASX Clear (Futures) via the Clearing System (SECUR). This is applicable for both primary and secondary connections.	Per Connection	Per Month	\$1,000.00	1 Jul 2011
05100001	ASX Clear (Futures) - Exchange Access	Software Licence for access to an individual exchange on the ASX Clear (Futures) Clearing System (SECUR).	Per License	One-Off	\$5,000.00	1 Jul 2010
06200110	ASX Clear - Connection	Connection and supporting hardware and application to ASX Clear via the Clearing System (DCS). This is applicable for both primary and secondary connections.	Per Gateway	Per Month	\$600.00	1 Jul 2011

Trading and Administrative Applications

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
02900035	ASX Trader Workstation	Trading Application and connection to ASX Trade and inclusive of the Continuous Enquiry and ASX ComNews® Fees.	Per Application and Connection	Monthly	\$450.00	1 Jul 2010
05100120	ASX Best Terminal	The ASX Best Terminal inclusive of the Continuous Enquiry Fee ³ .	Per Terminal and Connection	Monthly	\$450.00	1 Nov 2011
05100121	ASX Best – Standard Smart Order Router	Access to the Standard ASX Best – Smart Order Router	Per Participant	Monthly	\$0.00 TBD	1 Nov 2011 1 Nov 2012
05100122	ASX Best – Premium Smart Order Router	Access to the Premium ASX Best – Smart Order Router	Per Participant	Monthly	TBD	TBD
05100036	ASX 24 – Generic Firm Manager (GFM)	Hardware and Application for the administration of Participant level accounts on ASX Trade 24.	Per Terminal	Monthly	\$250.00	1 Oct 2010
05100037	SFEIN Access	Individual user access and logon to the SFEIN system for registration of off-market ASX 24 transactions.	Per User	*	\$0.00	1 Jul 2010

³ This product will not be inclusive of the Continuous Enquiry Fee from 1 Jan 2013.

Clearing and Settlement Applications

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
04900150	CHESS PC Software Licence	Licence for application connection to CHESS.	Per connection within an entity	One-off	\$15,000.00	1 Jul 2010
04900160	CHESS Access Licence	Licence for a single access point to CHESS.	Per connection within an entity	One-off	\$65,000.00	1 Jul 2010
04900170	CHESS Access Plus – Multi Usage Licence	Licence for multiple access points to CHESS.	Multiple connections within an entity	One-off	Negotiable	1 Jul 2010
04900300	Austraclear Exigo GUI	Exigo Settlement Application for use by a single user.	Per User	*	\$0.00	1 Jul 2010
04900350	ASX Clear (Futures) - BOPC	Back Office PC – User level application for use with ASX Clear (Futures) Clearing System SECUR.	Per User	*	\$0.00	1 Jul 2010

Network Services⁴

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
06200231	ASX Net connection	Management and infrastructure to support a redundant ASX Net connection.	Per Connection	Monthly	\$3,000.00	1 Sept 2010
06200233	ASX Net – Single ASX Market feed ⁵	Data transmission fee for any single ASX Market from ASX TradeMatch (including VolumeMatch), ASX PureMatch and ASX 24.	Per Connection	Monthly	\$500.00	1 Sept 2010
06200236	ASX Net – ASX All Equities	Data transmission fee for ASX TradeMatch, PureMatch and VolumeMatch.	Per Connection	Monthly	\$1,000.00	1 Dec 2011
06200234	ASX Net – ASX TradeMatch and ASX 24	Data transmission fee for ASX TradeMatch (including VolumeMatch) and ASX 24.	Per Connection	Monthly	\$2,300.00	1 Sept 2010
06200237	ASX Net – ASX Complete	Data transmission fee for all ASX Markets of ASX TradeMatch, PureMatch, VolumeMatch and ASX 24.	Per Connection	Monthly	\$2,500.00	1 Dec 2011
06200238	ASX Net – Service Feed A	Incremental fee for each Service feed in category A provided over an ASX Net connection. See <i>Appendix 1</i> .	Per Connection	Monthly	\$500.00	1 Sept 2010
03200155	ASX Net – Service Feed B	Incremental fee for each Service feed in category B provided over an ASX Net connection. See <i>Appendix 1</i> .	Per Connection	Monthly	\$1,000.00	1 Dec 2011
06200239	ASX Net – Service Feed C	Incremental fee for each Service feed in category C provided over an ASX Net connection. See <i>Appendix 1</i> .	Per Connection	Monthly	\$1,500.00	1 Dec 2011
05100117	ASX Net – Service Feed D	Incremental fee for each Service feed in category D provided over an ASX Net connection. See <i>Appendix 1</i> .	Per Connection	Monthly	\$3,500.00	1 Dec 2011

⁴ ASX will pass on any ad hoc network carrier charges that result from customer-requested modifications to ASX Net connections.

⁵ ASX Market feeds include ASX TradeMatch (including ASX VolumeMatch), ASX PureMatch and ASX 24. ASX Net availability for each ASX Market and data feed is detailed in Appendix 1.

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100115	ASX Net – ASX 24 Connectivity From ASX Collocation	A managed network connection from a cabinet within ASX ALC or ASX CoLo (Bondi Junction) to the ASX 24 trading engine. <i>This service will only be available while the ASX and ASX 24 matching engines reside in separate data centres.</i>	Per Customer	Monthly	\$4,000.00	1 Jul 2011 Ends 30 Nov 2011 ⁶
05100063	ASX Net – Service Installation or Decommission	The addition or removal of a data feed service to/from an existing ASX Net site.	Per additional data service	As Performed	\$1,000.00	1 April 2011
05100072	ASX 24 Network Connection	Management and infrastructure to support a redundant ASX 24 Network connection (domestic and international).	Per Connection	Monthly	\$2,000.00	1 Jul 2011
05100012	ASX 24 Network - bandwidth connection to international hub	Bandwidth charge from CBD site to ASX 24 international hub.	Per Connection	Monthly	\$1,850.00	1 Jul 2010
05100011	ASX 24 Network - bandwidth connection to international hub	Bandwidth charge from Non-CBD site to ASX 24 international hub.	Per Connection	Monthly	\$3,700.00	1 Jul 2010
33000067	Austraclear ANNI Network Connection	Management and infrastructure to support an Austraclear ANNI Network connection (redundant and or primary site connection). Bandwidth is charged directly from the carrier.	Per Connection	Monthly	\$750.00	1 Jul 2011
33000068	Austraclear Internet Connection	Access to Austraclear via an internet connection and supporting security infrastructure (RSA Tokens and Digital Certificates). Includes all Participant sites from which internet connections are made.	Per Participant	Monthly	\$400.00	1 Jul 2011

⁶ This service will be migrated to an ASX Net Service D from 1 Dec 2011 (See Appendix 1).

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100076	Network Site Installation	Site assessment and installation of network infrastructure for ASX Net, ASX 24 Network or Austraclear ANNI Network for a dual line site.	Per Installation	As Performed	\$7,000.00	1 Jul 2011
05100079	ASX Net – Installation of a Single Circuit	Site assessment and installation of a single direct connection from an ASX Net site to a supported location.	Per Circuit	As Performed	\$3,500.00	1 Oct 2011
05100075	Network Site – Infrastructure Removal	Removal of the infrastructure supporting an ASX Net, ASX 24 Network or Austraclear ANNI Network site.	Per Decommission	As Performed	\$2,000.00	1 Jul 2011
	ASX Net – Australian CBD bandwidth charge	Bandwidth charge for a redundant connection from supported site to ASX or ASX regional hub – direct billed by carrier(s), not charged by ASX.	Per Redundant Circuit pair	Monthly	\$2,300.00	1 Jul 2010
	ASX Net – Additional Australian CBD bandwidth charge	Bandwidth charge for a single direct connection from an ASX Net site to a supported location – direct billed by carrier(s), not charged by ASX.	Per Individual Circuit	Monthly	\$1,150.00	1 Nov 2011
	ASX Net – Australian CBD non-redundant bandwidth charge	Bandwidth charge for a non-redundant connection from supported site to ASX or ASX regional hub – direct billed by carrier(s), not charged by ASX.	Per Individual Circuit	Monthly	\$1,150.00	1 Jul 2010
	ASX 24 Network - Australian CBD bandwidth charge	Bandwidth charge from supported site to ASX or ASX 24 Network regional hub (Melbourne) – direct billed by carrier(s), not charged by ASX.	Per Redundant Circuit pair	Monthly	\$1,680.00	1 Jul 2010
	ASX 24 Network – Australian Non-CBD Bandwidth charge	Bandwidth charge from supported site to ASX or ASX 24 Network regional hub (Melbourne) – direct billed by carrier(s), not charged by ASX.	Per Redundant Circuit pair	Monthly	On Request	1 Jul 2010
	Austraclear ANNI Network – Australian CBD Bandwidth charge	Bandwidth charge for a redundant connection from supported site to Austraclear – direct billed by carrier(s), not charged by Austraclear.	Per Redundant Circuit pair	Monthly	\$1,200.00	1 Jul 2011
	Austraclear ANNI Network – Australian CBD Bandwidth charge	Bandwidth charge for a non-redundant connection from supported site to Austraclear – direct billed by carrier(s), not charged by Austraclear.	Per Individual Circuit	Monthly	\$600.00	1 Jul 2011

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
	Austraclear ANNI Network – Australian Non-CBD Bandwidth charge	Bandwidth charge from supported site to Austraclear – direct billed by carrier(s), not charged by Austraclear.	Per Redundant Circuit pair	Monthly	On Request	1 Jul 2011
05100074	Network Site Decommission - within 12 months	Charge to decommission an ASX Net, ASX 24 Network or Austraclear ANNI Network connection within 12 months of installation, without a corresponding request for a new Network Site Installation. <i>50% discount applies for cancellation of a single direct circuit (provided the corresponding network site is not decommissioned).</i>	Per Connection	As Performed	\$30,000.00	1 Jul 2011
05100073	Network Site Decommission - between 12 and 36 months	Charge to decommission an ASX Net, ASX 24 Network or Austraclear ANNI Network connection within 12 and 36 months of installation, without a corresponding request for a new Network Site Installation. <i>50% discount applies for cancellation of a single direct circuit (provided the corresponding network site is not decommissioned).</i>	Per Connection	As Performed	\$15,000.00	1 Jul 2011

ASX ALC - Hosting Services

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100086	Cabinet and Initial Power ⁷	A physical Cabinet within the Facility with access to 2 kW of peak power.	Per Cabinet	Monthly	\$2,500.00	1 Dec 2011
05100087	Additional Power	Additional 2 kW allocation of power for use in a User's Cabinet allocation. Maximum single Cabinet usage is 6 kW.	Per 2 kW	Monthly	\$1,500.00	1 Dec 2011
05100102	Excess Power	Charge for combined Cabinet power use in excess of allocated amount. <i>See Technical Service Guide for details on calculation.</i>	Per 2 kW	Monthly	\$3,000.00	1 Dec 2011
05100105	Initial Cabinet Set-up	Includes initial racking of ASX network equipment and preconfigured cabling for five UTP and six optical fibre pair connections.	Per Cabinet Install	As Performed	\$2,500.00	1 Dec 2011
05100099	Concurrent Cabinet Reservation	Reservation of Cabinet(s) concurrent to a User's existing allocation. Cabinet reservation is for six months and can be converted to Cabinet use at any time.	Per Cabinet	Per Six Months	\$3,000.00	1 Dec 2011
05100097	Cage Construction or Decommission	The construction or decommission of a Cabinet Cage.	Per Instance	One-off	On Request	1 Dec 2011
05100096	Cabinet Cage	A lockable wire mesh cage around the User's allocated Cabinets.	Per Instance	Monthly	On Request	1 Dec 2011
05100109	NSP One-Third Cabinet	A one-third Cabinet located in a Meet Me Room and 650 Watts of initial peak power.	Per one-third Cabinet	Monthly	\$900.00	1 Dec 2011
05100108	NSP Full Cabinet	A full cabinet located in a Meet Me Room and 2 kW of initial peak power.	Per Cabinet	Monthly	\$2,500.00	1 Dec 2011

⁷ The Cabinet and Initial Power service is taken for a minimum initial term of 24 months. ASX may offer discounts for extended time commitments and volume purchase.

ASX ALC – ASX Service Connections

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100098	Service Connection – A	Connection to a category A Service as defined in Appendix 2.	Per Cross Connect	Monthly	\$150.00	1 Dec 2011
05100091	Service Connection – B	Connection to a category B Service as defined in Appendix 2.	Per Cross Connect	Monthly	\$500.00	1 Dec 2011
05100114	Service Connection – C	Connection to a category C Service as defined in Appendix 2.	Per Cross Connect	Monthly	\$1,000.00	1 Dec 2011

ASX ALC - Technical Support Services

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100103	Goods Receiving	Receipt of one shipment of goods, up to three individual boxes, at the Facility from User or Supplier.	Per Shipment	As performed	\$150.00	1 Dec 2011
05100104	Goods Storage	Storage of User equipment by ASX in the Facility.	Per Box	Per week	\$150.00	1 Dec 2011
05100110	Packaging Disposal	Disposal of packaging from User equipment.	Per ASX Collection	As performed	\$50.00	1 Dec 2011
05100101	Equipment Installation or Decommission	Installation or decommission of User equipment into or from an established User Cabinet including power connection.	Per piece of Infrastructure	As performed	\$350.00	1 Dec 2011
05100107	Non-Concurrent Cabinet Connection	A connection implemented by ASX between a User's non-concurrent Cabinets.	Per Connection	As performed	\$2,000.00	1 Dec 2011
05100100	Cross Connect Installation or Decommission	Installation or decommission of any external physical connection or SiC to a user Cabinet (excluding a Non-Concurrent Cabinet Connection or Initial Cabinet setup).	Per Connection	As performed	\$250.00	1 Dec 2011
05100093	ASX Smart Hands	Use of first-level technician services.	Per Hour	As performed	\$250.00	1 Dec 2011
05100095	ASX Specialist – Scheduled	Scheduled use of Specialist Technician services. A scheduled request requires 24 hours' notice.	Per Hour	As performed	\$350.00	1 Dec 2011
05100094	ASX Specialist – Emergency	Emergency use of Specialist Technician services during Standard Business Hours. A specialist technician will respond within 30 minutes.	Per Hour	As performed	\$700.00	1 Dec 2011

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100111	Roof Space for Antenna	Space on the ASX ALC roof for a single GPS antenna device. <i>Installation, maintenance and hardware costs to be borne by the User.</i>	Per Antenna	Monthly	On Request	1 Dec 2011
05100083	ASX GPS Time Service	Raw GPS signal from a single ASX GPS antenna.	Per Connection	Monthly	\$750.00	1 Dec 2011
05100078	ASX Trading Platform Time Service	Connection to the Precision Time Protocol (PTP) feed used by ASX Trading Platforms for clock synchronisation.	Per Connection	Monthly	\$750.00	1 Dec 2011
05100077	Installation or decommission of Timing Service	Installation or decommission of connection to the ASX GPS feed or the ASX PTP time synchronisation feed.	Per Connection	As Performed	\$1,500.00	1 Oct 2011

ASX CoLo (Bondi Junction) - Hosting Services

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
02900036	CoLo Rack	A physical rack within the ASX CoLo Facility at Bondi Junction and 2kw of peak power.	Per Rack	Monthly	\$5,000.00	1 Jul 2010 Ends 30 Nov 2011
06200300	CoLo Additional Power	Additional 0.5kw of power for an existing Cabinet at Bondi Junction.	Per additional 0.5kw of power	Monthly	\$1,250.00	1 Jul 2010 Ends 30 Nov 2011

ASX Business Continuity Site - Hosting Services

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
02900036	ASX data centre (Bondi Junction) Cabinet and Initial Power	A physical cabinet within the ASX data centre facility at Bondi Junction and 2kw of peak power.	Per Cabinet	Monthly	\$2,000.00	1 Dec 2011
05100102	Excess Power	Charge for combined Cabinet power use in excess of allocated amount. <i>See Technical Service Guide for details on calculation.</i>	Per 2 kW	Monthly	\$3,000.00	1 Dec 2011

ASX 24 International Hosting Services

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
02900037	ASX Hosting Solution (ASX 24 Chicago)	Hosting of 2 x ASX Trade 24 Gateway in Chicago Equinix Data Centre. (This does not include the ASX Trade 24 Gateway charges).	Per Hosting Space	Monthly	\$1,500.00	1 Jun 2010
03650003	ASX Hosting Solution (ASX 24 Chicago) Installation or Decommission	ASX Hosting Solution (ASX 24 Chicago) Installation or Decommission Charge.	Per Install or Decommission	As Performed	\$1,000.00	1 Jul 2011

Technical Support

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05600220	Technical support - standard business hours	The provision of an ASX technician for on-site or remote technical support. This covers all ASX systems and applications.	Per Resource Support Hour	As Performed	\$200.00	1 Jul 2010
05600222	Technical support - public holiday and weekends	The provision of an ASX technician for either on-site or remote technical support on a public holiday or weekend. This covers all ASX systems and applications.	Per Resource Support Hour (Minimum of four Hours)	As Performed	\$200.00 (min \$800.00)	1 Jul 2010
05600223	Installation or Decommission of any ASX provided Server.	Installation or decommission of an ASX Trade Gateway, ASX Trade 24 Gateway, ASX Clear (Futures) SECUR RNG or ASX Clear – DCS Gateway into a Participant, Vendor or CoLo site.	Per Server	As Performed	\$800.00	1 Jul 2011
04900175	CHES Access Annual Support and Maintenance	Annual support and maintenance fee for CHES Access.	Per Entity	Per Annum	\$15,000.00	1 Jul 2010
04900180	CHES Access Annual Support and Maintenance – Multi Usage	Annual support and maintenance fee for CHES Access Plus.	Per Sub License	Per Annum	\$15,000.00	1 Jul 2010
04900155	CHES PC Annual Support and Maintenance	Annual support and maintenance fee for CHES PC.	Per License	Per Annum	\$2,000.00	1 Jul 2010
04900190	Replacement of CHES Security Key	Security key for access to CHES.	Per Key	As Required	\$150.00	1 Jul 2010

Development Access

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100040	Access to ASX Trade Development Environment	Access for up to 100 logons to ASX Trade Development Environment and support.	Per Standard Connection	Monthly	\$800.00	1 Jul 2010
05100124	Access to ASX ITCH Development Environment	Access via an ASX ITCH Gateway to the ASX Trade Development Environment and support.	Per Standard Connection	Monthly	\$0.00	1 Aug 2011
					\$800.00	1 Apr 2012
05100123	Access to ASX Trade and ASX ITCH Development Environments	Access to ASX Trade and ASX ITCH development environments and support.	Per Standard Connection	Monthly	\$800.00	1 Oct 2011
					\$1,200.00	1 Apr 2012
05100041	ASX Trade Development Environment - addition 50 user log-ins	Additional test and development capacity.	Per Instance	Monthly	\$400.00	1 Jul 2010
05100042	ALC Connectivity to ASX Development Environments	Connection to ASX test environments via a Switch in Cabinet within the ALC.	Per Switch	Monthly	\$400.00	1 Jul 2010
05100052	ASX Trade Development Environment – LCC	Connection to ASX Trade via the same technical solution as the production LCC. The connection supports performance testing within the ALC Facility.	Per Connection	Monthly	\$400.00	1 Jul 2010
05100009	Access to ASX Trade 24 Development Environment	Access via 2 x ASX Trade 24 Gateway hosted connections and support.	Per Standard Connection	Monthly	\$800.00	1 Jul 2010
05100043	ASX Trade 24 Development Environment - additional Gateway	Additional ASX Trade 24 Gateway hosted connection for test and development.	Per Gateway	Monthly	\$400.00	1 Jul 2010

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100045	Access to ASX Clear Clearing System Test Environment	Access via a DCS Gateway to ASX Clear test environment and support.	Per Standard Connection	Monthly	\$800.00	1 Jul 2010
05100046	ASX Clear Clearing System Test Environment - additional Server	Additional DCS Gateway connection for test and development.	Per Gateway	Monthly	\$400.00	1 Jul 2010
05100006	Access to ASX Clear (Futures) Clearing System Development Environment	Access via a RNG and support charge.	Per Standard Connection	Monthly	\$800.00	1 Jul 2010
05100047	ASX Clear (Futures) Clearing System Development Environment - additional RNG	Additional RNG Server for test and development.	Per Server	Monthly	\$400.00	1 Jul 2010
05100048	Access to ASX Settlement System Development Environment	Access via CHES Kit and support charge.	Per Standard Connection	Monthly	\$800.00	1 Jul 2010
05100049	ASX Settlement System Development Environment - addition Test Kit	Additional test CHES Kit and development capacity.	Per Instance	Monthly	\$100.00	1 Jul 2010
05100050	Access to Austraclear Settlement System Development Environment	Access and support charge.	Per Standard Connection	Monthly	\$800.00	1 Jul 2010



ASX Market Connectivity – Market Information Vendors

Schedule of Fees



29 September 2011
Version 2.1

Market Information Vendor – Direct Connectivity

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
03200090	ASX Market Access – ASX Trade ⁸	Hardware, single session log-on and direct connectivity to all market information from venues hosted on ASX Trade via OMnet or FIX.	Per Session	Monthly	\$3,500.00	1 Jul 2010
03650001	ASX ITCH - Connection	Connection to ASX Market Information via the ITCH protocol.	Per Cross Connect	Monthly	\$1,000.00	1 Dec 2011
03650002	ASX ITCH - Access	Access to all market information from venues hosted on ASX Trade via the ASX ITCH protocol (includes 1 Glimpse session).	Per Session	Monthly	\$3,500.00	1 Dec 2011
03650004	ASX ITCH – Additional Glimpse Session	Access to an additional Glimpse session (Glimpse provides an order book snapshot in ITCH format).	Per Session	Monthly	\$250.00	1 Dec 2011
05100065	ASX Market Access - ASX 24 ⁸	Single session connectivity to the ASX 24 market information system, including a log-on via either ITC or FIX.	Per Session	Monthly	\$3,500.00	1 Jul 2010
03000972	ComNews Access	Single session connectivity to ASX Company Announcement Platform, including a log-on.	Per Session	Monthly	\$850.00	1 Aug 2010
05100060	Additional ComNews Access	Additional session to ASX Company Announcement Platform, including a log-on.	Per Session	Monthly	\$125.00	1 Jul 2010
03200150	Additional ASX Trade Gateway	Hardware for connection to the ASX Trading System for receiving market information.	Per Gateway	Monthly	\$325.00	1 Jul 2010
05100100	Cross Connect Installation or Decommission	Installation or decommission of any external physical connection or SiC to a user Cabinet (excluding a Non-Concurrent Cabinet Connection or Initial Cabinet setup).	Per Connection	As performed	\$250.00	1 Dec 2011

⁸ One ASX Net service feed is included in this fee. Subsequent access will incur additional charges (See ASX Net – Service Feed A-D in Appendix 1).

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
06200238	ASX Net – Service Feed A	Incremental fee for each Service feed in category A provided over an ASX Net connection. See <i>Appendix 1</i> .	Per Connection	Monthly	\$500.00	1 Sept 2010
03200155	ASX Net – Service Feed B	Incremental fee for each Service feed in category B provided over an ASX Net connection. See <i>Appendix 1</i> .	Per Connection	Monthly	\$1,000.00	1 Dec 2011
06200239	ASX Net – Service Feed C	Incremental fee for each Service feed in category C provided over an ASX Net connection. See <i>Appendix 1</i> .	Per Connection	Monthly	\$1,500.00	1 Dec 2011
05100117	ASX Net – Service Feed D	Incremental fee for each Service feed in category D provided over an ASX Net connection. Currently this category contains inter data centre connectivity (ALC – Equinix, ASX CoLo – Bridge St). See <i>Appendix 1</i> .	Per Connection	Monthly	\$3,500.00	1 Dec 2011
05100076	Network Site Installation	Site assessment and installation of network infrastructure for ASX Net, ASX 24 Network or Austraclear ANNI Network.	Per Installation	As Performed	\$7,000.00	1 Jul 2011
05100079	ASX Net – Installation of a Single Circuit	Site assessment and installation of a single direct connection from an ASX Net site to a supported location.	Per Circuit	As Performed	\$3,500.00	1 Oct 2011
05100075	Network Site – Infrastructure Removal	Removal of the infrastructure supporting an ASX Net, ASX 24 Network or Austraclear ANNI Network site.	Per Decommission	As Performed	\$2,000.00	1 Jul 2011
05100074	Network Site Decommission - within 12 months	Charge to decommission an ASX Net, ASX 24 Network or Austraclear ANNI Network connection within 12 months of installation, without a corresponding request for a new Network Site Installation. <i>50% discount applies for cancellation of a single direct circuit (provided the corresponding network site is not decommissioned).</i>	Per Connection	As Performed	\$30,000.00	1 Jul 2011

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100073	Network Site Decommission - between 12 and 36 months	Charge to decommission an ASX Net, ASX 24 Network or Austraclear ANNI Network connection within 12 and 36 months of installation, without a corresponding request for a new Network Site Installation. <i>50% discount applies for cancellation of a single direct circuit (provided the corresponding network site is not decommissioned).</i>	Per Connection	As Performed	\$15,000.00	1 Jul 2011
05100063	ASX Net – Service Installation or Decommission	The addition or removal of a data feed service to/from an existing ASX Net site.	Per additional data service	As Performed	\$1,000.00	1 April 2011
	ASX Net – Australian CBD bandwidth charge	Bandwidth charge from supported site to ASX or ASX regional hub – direct billed by carrier(s), not charged by ASX.	Per Redundant Circuit pair	Monthly	\$2,300.00	1 Jul 2010
			Non-Redundant	Monthly	\$1,150.00	
	ASX Net – Additional Australian CBD bandwidth charge	Bandwidth charge for a single direct connection from an ASX Net site to a supported location – direct billed by carrier(s), not charged by ASX.	Per Individual Circuit	Monthly	\$1,150.00	1 Nov 2011
05100040	Access to ASX Trading System Development Environment	Access for up to 100 logons and support charge.	Per Standard Connection	Monthly	\$800.00	1 Jul 2010
05100124	Access to ASX ITCH Development Environment	Access to ITCH Development Environment within ALC via a cross connect and support.	Per Standard Connection	Monthly	\$0.00	1 Oct 2011
					\$800.00	1 Apr 2012
05100123	Access to ASX Trade and ASX ITCH Development Environments	Access to ASX Trade and ASX ITCH development environments and support.	Per Standard Connection	Monthly	\$800.00	1 Oct 2011
					\$1,200.00	1 Apr 2012
05100041	ASX Trading System Development Environment - addition 50 user log-ins	Addition test and development capacity.	Per Instance	Monthly	\$400.00	1 Jul 2010
05100042	ALC Connectivity to ASX Development Environments	Connection to ASX test environments via a Switch in Cabinet within the ALC.	Per Switch	Monthly	\$400.00	1 Jul 2010

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100052	ASX Trade Development Environment – LCC	Connection to ASX Trade via the same technical solution as the production LCC. The connection supports performance testing within the ALC Facility.	Per Connection	Monthly	\$400.00	1 Jul 2010
05100009	Access to ASX 24 Trading System Development Environment	Access via 2 x ASX Trade 24 Gateway hosted connections and support charge.	Per Standard Connection	Monthly	\$800.00	1 Jul 2010
05100043	ASX 24 Trading System Development Environment - Additional Gateway	Additional ASX Trade 24 Gateway hosted connection for test and development.	Per Gateway	Monthly	\$400.00	1 Jul 2010
00000101	Signal B – Direct Access	Trading Participant's own trade data	Per Connection	Annually	\$4,000.00	1 Jul 2010



ASX Market Connectivity – Service Providers

Schedule of Fees



Service Provider - Market Connectivity

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100053	ASP Licence	Licence for direct distribution of an ASP's services to no more than four Clients per ASX Net site or within the ASX Australian Liquidity Centre.	Per Licence	Monthly	\$4,000.00	1 Oct 2010 End 30 Nov 2011
05100054	ASP Licence Extension	Licence for direct distribution of an ASP's services to an additional single Client per ASX Net site or within the ASX Australian Liquidity Centre. (This is only available in conjunction with an ASP Licence and is required for each hosted Client beyond those covered by the ASP Licence).	Per License	Monthly	\$1,000.00	1 Oct 2010 Ends 30 Nov 2011
05100053	ASP Licence	Licence for direct distribution of ASP's services to a single Participant client for either ASX or ASX 24 per ASX Net site or within the ASX Australian Liquidity Centre.	Per Licence	Monthly	\$1,750.00	1 Dec 2011
02900015	ASX Trade Gateway	Hardware and application for connection to ASX Trade as an incremental ASX Trade Gateway for an existing Hosted Participant.	Per Gateway	Monthly	\$325.00	1 Jul 2010
05100076	Network Site Installation	Site assessment and installation of network infrastructure for ASX Net, ASX 24 Network and Austraclear ANNI Network.	Per Installation	As Performed	\$7,000.00	1 Jul 2011
05100079	ASX Net – Installation of a Single Circuit	Site assessment and installation of a single additional direct connection from an ASX Net site to a supported location.	Per Circuit	As Performed	\$3,500.00	1 Oct 2011
05100075	Network Site – Infrastructure Removal	Decommission of an ASX Net, ASX 24 Network or Austraclear ANNI Network site. This does not include any carrier decommissioning costs.	Per Decommission	As Performed	\$2,000.00	1 Jul 2011

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
05100074	Network Carrier decommission - within 12 months	Charge to decommission the carrier service of an ASX Net, ASX 24 Network or Austraclear ANNI Network connection within 12 months of installation, without an immediate movement to an alternate site.	Per Connection	As Performed	\$30,000.00	1 Jul 2011
05100073	Network Carrier decommission - between >12 and 36 months	Charge to decommission the carrier service of an ASX Net, ASX 24 Network or Austraclear ANNI Network connection within 12 and 36 months of installation, without an immediate movement to an alternate site.	Per Connection	As Performed	\$15,000.00	1 Jul 2011
05100063	ASX Net – Service Installation or Decommission	The addition or removal of a data feed service to/from an existing ASX Net site.	Per additional data service	As Performed	\$1,000.00	1 April 2011
	ASX Net – Australian CBD bandwidth charge	Bandwidth charge from supported site to ASX or ASX regional hub – direct billed by carrier(s), not charged by ASX.	Per Redundant Circuits	Monthly	\$2,300.00	1 Jul 2010
05100057	ASX 24 – Market Data Interface	Direct access to the ASX Trade 24 by an ASP for the purposes of providing ASX 24 market data to hosted Participants. Included are hardware, application and trading system session.	Per Gateway	Monthly	\$3,500.00	1 Jan 2011
05100058	Additional ASX 24 – Market Data Interface	Additional and subsequent direct access to the ASX Trade 24 by an ASP for the purposes of providing ASX 24 market data to hosted Participants. Included are hardware, application and trading system session.	Per Gateway	Monthly	\$2,000.00	1 Jan 2011
02900020	ASX – Standard Open Interface Session	Connectivity session to ASX Trade supporting 10 Transactions Per Session (TPS) to TradeMatch, PureMatch and VolumeMatch.	Per Session	Monthly	\$600.00	1 Jul 2010

Product Code	Service	Description	Basis	Frequency	Fee (excluding GST)	Effective Date
02900022	ASX – High Capacity Open Interface Session	Connectivity session to ASX Trade supporting 50 Transactions Per Session (TPS) to TradeMatch, PureMatch and VolumeMatch.	Per Session	Monthly	\$2,800.00	1 Nov 2010
05100015	ASX Trade 24 Gateway	All hardware, application and session for connection to ASX Trade 24 utilised by a Participant in an ASP hosting facility will be charged to the Participant as per the standard Trading Host Connection charge.	Per Gateway	Monthly	\$1,500.00	1 Jan 2011
06200003	Trading Access via an ASP	Incremental fee charged to a Participant for trading access via an ASP for each ASX trading system.	Per trading system, per connection point	Monthly	\$750.00	1 Oct 2010 End 30 Nov 2011
05100040	Access to ASX Trade Development Environment	Access to 100 logons to ASX Trade Development Environment and support.	Per Standard Connection	Monthly	\$800.00	1 Jul 2010
05100041	ASX Trade Development Environment - addition 50 user log-ins	Addition test and development capacity.	Per Instance	Monthly	\$400.00	1 Jul 2010
05100042	ALC Connectivity to ASX Development Environments	Connection to ASX test environments via a Switch in Cabinet within the ALC.	Per Switch	Monthly	\$400.00	1 Jul 2010
05100052	ASX Trade Development Environment – LCC	Connection to ASX Trade via the same technical solution as the production LCC. The connection supports performance testing within the ALC Facility.	Per Connection	Monthly	\$400.00	1 Jul 2010
05100009	Access to ASX Trade 24 Development Environment	Connectivity via 2 x ASX Trade 24 Gateway hosted connections and support.	Per Standard Connection	Monthly	\$800.00	1 Jul 2010
05100043	ASX Trade 24 Development Environment - additional Gateway	Additional ASX Trade 24 Gateway hosted connection for test and development.	Per Gateway	Monthly	\$400.00	1 Jul 2010

Appendix 1 – ASX Net Data Feeds

This table details the available ASX Net data feeds and the appropriate charging category. The specific fees are maintained in the Network Services section of this schedule.

ASX Markets	Availability	Location Availability
ASX TradeMatch and VolumeMatch	Available	All
ASX PureMatch	Nov 2011	All
ASX 24	Available	Sydney / Melbourne
Service Feed A		
ASX Clear (DCS)	Available	All
ASX Clear (Futures)	Available	All
ComNews	Available	Sydney
ASX Test Environments	Available	Sydney
ASX Settlement (CHESS)	Available	All
Signal B	Available	All
Voiceline	Available	Sydney
Service Feed B		
Direct Connection to Equinix (CXA) ^{9,10}	Available	Sydney
Standard Connection to Equinix (CXA) ¹⁰	Available	Sydney
ASX 24 ITC	Available	Sydney
Service Feed C		
ASX ALC Direct Connection	Nov 2011	Sydney

⁹ The Direct Connection to CXA (Chi-X Australia) requires the purchase of an additional fibre connection.

¹⁰ Equinix cross-connect charges will be administered by ASX and passed through to the customer.

ASX Best – CXA	Nov 2011	All
Service Feed D – Inter Data Centre Connectivity		
ALC – Equinix ¹¹	Nov 2011	
ASX Bondi Junction to Bridge St or ALC	Available	

¹¹ Equinix cross-connect charges will be administered by ASX and passed through to the customer.

Appendix 2 – ALC Cross Connects

Service Connection A	Description
Redundant Teamed Connection	A Redundant Teamed Connection (RTC) active standby connection for use with any primary connection.
NSP Copper Cross Connect	Copper connection implemented and managed by ASX between a User and a Network Service Provider (NSP) in either or both Meet Me Rooms. The fee is levied on the User. This connection cannot support Ethernet services as the cable run is longer than 100m. Suitable for voice/ADSL services only.
Service Connection B	Description
ComNews® Connection	Connection to ComNews®.
Signal B Connection	Connection to Signal B.
Service Connection C	Description
ASX Market Information Connection – ITCH, OMnet or FIX	Connection to ASX Market Information via the ITCH, OMnet or FIX protocols
ASX 24 Market Information Connection – FIX or ITC	Connection to ASX 24 Market Information via the FIX or ITC protocols.
ASX Clear Connection	Connection to ASX Clear via centrally managed and hosted ASX Gateway.
ASX Clear (Futures) Connection	Connection to ASX Clear (Futures) via centrally managed and hosted ASX Gateway.
ASX Settlement (CHESS) Connection	Connection to ASX Settlement (CHESS).
Service Provider Connection	Connection to a service via the Service Provider LAN, or direct connection between a user and a Participant.
NSP Fibre Cross Connect	Fibre connection implemented and managed by ASX between a User and a Network Service Provider (NSP) in either or both Meet Me Rooms. The fee is levied on the User.