

## **NYSE Technologies**

### **Feed Handler Inventory**

**Q3 2009 Edition**

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## 1. FEED HANDLER INVENTORY OCTOBER

### 1.1. NORTH AMERICAN EXCHANGE AND ECN FEEDS

Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
Alpha Trading	Alpha	BETA	X				
Automated Trading Desk (ATD)	ATD IOI	GA	X				
BATS	BATS PITCH	GA	X				
BATS	BATS Multicast PITCH	GA	X				
BATS	BATS FAST PITCH	GA	X				
BATS	BATS TOP	BETA	X				
BATS	Last Sale	PLAN	X				
Boston Options Exchange (BOX)	HSVF	PLAN					X
Montreal (MX)	HSVF	GA					X
Canada's New Stock Exchange (CNQ)	PURE L2	BETA	X				
Chicago Board Options Exchange (CBOE)	CBSX	PLAN				X	X
CBOE	MDI	PLAN				X	X
CBOE	CFIX	PLAN				X	X
CBOE	CFLEX	PLAN				X	X
CBOE	CMI	BETA				X	X
Chicago Stock Exchange (CHX)	CHX	PLAN	X				
Chicago Mercantile Exchange (CME)	CME FAST FIX	GA			X	X	X
Chicago Climate Futures and Options Exchange (CCFE)	CCFE	PLAN					X
CHI-X Canada (Instinet)	CHI-X	GA	X				



Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
Direct Edge IOI	EDGX / EDGA (Direct Edge IOI)	GA	X				
Direct Edge	DirectEdge SCRATCH	GA	X				
FINRA	BTDS/TRACE	GA	X				
International Derivatives Clearing Group	IDCG	DEV					X
Intercontinental Exchange (ICE)	ICE iImpact	GA					X
ICE	ICE iImpact Multicast	GA					X
International Securities Exchange (ISE)	Historical Playback	GA					X
ISE	Top of Book Feed	PLAN					X
ISE	Depth of Market Feed	GA					X
ISE	ISE OM	BETA					X
ISE	Spread Book Feed	PLAN					X
LAVA	LAVA FLOW	GA	X				
LIQUIDNET	Liquidnet	PLAN	X				
NASDAQ	UTP (UTDF & UQDF)	GA	X				
NASDAQ	ITCH 4.0	GA	X				
NASDAQ	ITCH 3.1	GA	X				
NASDAQ	ITCH 3.1f	PLAN	X				
NASDAQ	ITCH 4.0f	PLAN	X				
NASDAQ	GLIMPSE 3.1	DEV	X				
NASDAQ	GLIMPSE 4.0	DEV	X				
NASDAQ	ITCH 2.0	GA	X				
NASDAQ	Best of NASDAQ Options (BONO)	PLAN					X
NASDAQ	Nasdaq Options Depth at Price (DAP)	PLAN					X
NASDAQ	MFDS	GA	X				
NASDAQ	Market Velocity / Forces	BETA	X				
NASDAQ	Market Pathfinders	PLAN	X				



Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
NASDAQ	GIDS	DEV	X				
NASDAQ	NOIS	GA	X				
NASDAQ	NOIVIEW	GA	X				
NASDAQ	NOIVIEW Options	PLAN					X
NASDAQ	Level Two	GA	X				
NASDAQ	Last Sale	BETA	X				
NASDAQ	OMDF	GA	X				
NASDAQ	OpenView	GA	X				
NASDAQ	OrderView	GA	X				
NASDAQ	Top of PHLX Options (TOPO)	PLAN	X				
NASDAQ	QIX	GA	X				
NASDAQ	TDDS/BBDS (OTC/BB)	GA	X				
NASDAQ	TotalView Aggregated	GA	X				
National Stock Exchange (NSX)	NSX DOB	GA	X				
NSX	NSX FIX	PLAN	X				
NeoNet	NeoNet	BETA	X				
NYFIX	Advertized Trades Feeds	PLAN	X				
NYFIX	NYFIX IOI	GA	X				
NYMEX/COMEX	NYMEX/COMEX	GA				X	X
NYMEX	NYMEXITC	GA	X				X
NYSE	ARCA Multicast	GA	X				
NYSE	ARCA Multicast Fast Fix	GA	X				
NYSE	OpenBook	GA	X				
NYSE	Openbook Ultra	GA	X				
NYSE	Order Imbalances	GA	X				
NYSE	RealTime Reference Prices	GA	X				
NYSE	Alerts	GA	X				
NYSE	LRP	GA	X			X	
NYSE	Alternext Openbook Ultra	BETA	X				
NYSE	ARCA Options	GA					X



Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
NYSE	ARCA Bonds	GA	X				
NYSE	ARCA Trades	GA		X			
NYSE	ARCA Quotes	PLAN	X				
NYSE	ARCA Trade for Bonds	GA		X			
NYSE	ARCA Realtime Reference Prices	GA	X				
NYSE	Retrac	GA	X				
NYSE	Protrac	GA	X				
NYSE	BestQuote	GA	X				
NYSE	Trades	GA	X				
NYSE	NYSE LIFFE	GA					X
NYSE	UTPNYSELIFFE	BETA					X
Omega ATS	Omega ITCH	BETA	X				
Philadelphia Stock Exchange (PHLX)	PHLX DOB	GA	X				
Pink Sheets	Qdist	GA	X				
Pink Sheets	EQS	PLAN	X				
Platts	Platts VOB Broadcast Data Feed	PLAN	X			X	X
Securities Industry Automation Corporation (SIAC)	CTA	GA	X				
SIAC	OPRA	GA					X
SIAC	OPRA FAST	GA					X
Toronto Stock Exchange (TSX)	TSX TL1	GA	X				
TSX	TSX TL2	GA	X				
TSX	Consolidated Data Feed (CDF)	BETA	X				



Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
TSX	Consolidated Best Bid and Offer (CBBO)	BETA	X				
TriACT Canada Marketplace	TCM	PLAN	X				
Bloomberg Tradebook	Tradebook	GA	X				
Track ECN	TRACK	GA	X				
U.S. Futures Exchange	USFE Values API	PLAN					X

**1.2. SOUTH AMERICAN EXCHANGE FEEDS**

Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
BOVESPA	CMEMDP FIX FAST	GA	X	X	X	X	X
BOVESPA	BOVESPA Direct	PLAN	X	X	X	X	X
BOVESPA	BM&F	PLAN	X				

**1.3. EUROPE, MIDDLE EAST AND AFRICA (EMEA) EXCHANGE FEEDS**

Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
Athens Stock Exchange	OASIS	PLAN					X
BATS Europe	BATS Europe PITCH	GA	X				
BATS Europe	BATS Europe FAST PITCH	GA	X				
BATS Europe	BATS Multicast PITCH	PLAN	X				
Copenhagen Stock Exchange (CSE)	SAXESS	GA	X				
Borsa Italiana	DDM+MTA	GA	X				
Borsa Italiana	IDEM	GA					X
Borsa Italiana	Infolect	GA	X				
Burgundy	Burgundy FX	PLAN	X				
CHI-X (Instinet)	CHI-X	GA	X				
Eurex	Enhanced Broadcast Solution (EBS)	GA					X
Eurex	CEF Ultra	GA					X



Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
Eurex	CEF Ultra +	GA					X
Eurex	Values API	GA					X
Euronext (Cash)	Universal Trading Platform for Euronext Cash	BETA	X				
Euronext (Cash)	Universal Trading Platform to FIM Convertor	BETA	X				
Euronext (Cash)	EMF (Euronext Multicast Feed)	GA	X	X			
Euronext (Cash)	FIM over MMTP	GA	X	X			
Euronext	NYSE ARCA Europe	BETA	X				
Euronext	LiffeConnect API	GA					X
Euronext	Universal Trading Platform for Derivatives	PLAN					X
Equiduct	Equiduct VBBO	BETA	X				
Helsinki Stock Exchange (HEX)	SAXESS	GA	X				
Iceland Stock Exchange (ICEX)	SAXESS	GA	X				
Irish Stock Exchange (ISE)	CEF	PLAN	X				
ISE	Xetra	BETA	X				
Johannesburg Stock Exchange (JSE)	JSE	GA	X				
London Metal Exchange (LME)	LME	PLAN	X				
London Stock Exchange (LSE)	Infolect	GA	X				
Markit BOAT	BOAT	GA	X				



Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
MEFF	MEFFGATE API	PLAN					X
Madrid Stock Exchange (BME)	SIBE	GA	X				
BME	BME Data Feed	PLAN	X				X
NASDAQ OMX Europe	Pan European ITCH	GA	X				
NASDAQ OMX Europe	Trade Feed	PLAN	X				
NASDAQ OMX Group	Genium	PLAN	X				
NASDAQ OMX Group	TARGIN for Derivatives	PLAN					X
NASDAQ OMX Group	European Last Sale	PLAN	X				
NASDAQ OMX Group	INET Nordic	PLAN	X				
Oslo Stock Exchange	SAXESS	GA	X				
Stockholm Stock Exchange	SAXESS	GA	X				
Swiss Stock Exchange (SWX)	EXFEED	GA	X				
SWX Quote Market Feed (QMF)	EXFEED	GA	X				
SWX	MAPI	GA	X				
SWX	SWX MDI	GA	X				
Turquoise	Turquoise	GA	X				
Vienna Stock Exchange	Values API	GA	X				
Virt-x	EXFEED	GA	X				
Virt-x	MAPI	GA	X				
Xetra	CEF	GA	X				
Xetra	Xetra Enhanced Broadcast Solution	GA	X				
Xetra	Values API	GA	X				



**1.4. ASIAN EXCHANGE FEEDS**

Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
Australian Securities Exchange (ASX)	OM	GA	X				X
AXE ECN	AXE	PLAN	X				
Bombay Stock Exchange (BSE)	OMB	PLAN	X				X
Bombay Stock Exchange (BSE)	CASH	PLAN	X				
Bombay Stock Exchange (BSE)	Derivatives	PLAN					X
Bursa Malaysia	MMTP	BETA	X				
Hong Kong Stock Exchange (HKSE)	MDF	GA	X				
Hong Kong Futures Exchange (HKFE)	HKATS	GA					X
Hong Kong Futures Exchange (HKFE)	PRS	DEV					X
Indonesian Stock Exchange (IDX)	IDX	PLAN	X				
Instinet	CBX	BETA	X				
Instinet	CHI-X Australia	PLAN	X				
Japan Crossing	ITCH	BETA	X				
JapanNext	JapanNext	BETA	X				
JASDAQ Stock Exchange	JASDAQ	GA	X				X
KABU.COM	Monster	PLAN	X				
Korea Stock Exchange (KRX)	Equities	BETA	X				
KRX	Derivatives	GA					X
Korea Crossing	ITCH	BETA	X				
National Stock Exchange of India (NSE)	CM	DEV	X				X



Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
Osaka Stock Exchange (OSE)	OSE	GA	X				X
Philippines Stock Exchange	UTP	DEV	X				



Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
Singapore Stock Exchange (SGX)	Securities Book	GA	X				
SGX	Derivatives Quotes Enhanced	GA					X
SGX	SGX DT	PLAN					X
Shanghai Stock Exchange (SSE)	FIX FAST	PLAN	X				
Stock Exchange of Thailand	SET	PLAN	X				
Sydney Futures Exchange (SFE)	FIX	GA					X
Taiwan Futures Exchange (TAIFEX)	TAIFEX	PLAN	X				
Taiwan Stock Exchange (TSEC)	TSEC	BETA	X				
Tokyo Commodities Exchange (TOCOM)	FIX	DEV				X	
Tokyo Financial Exchange	TFX	GA					X
Tokyo Stock Exchange (TSE)	TSE FLEX	GA	X				X
TSE	TSE FULL/STANDARD	DEV	X				
TSE	TSE ITA Equities	GA	X				
TSE	TSE ITA Derivatives	GA					X
TSE	TDEX+	BETA					X
Vietnam Stock Exchange (HSX)	HSX	PLAN	X				

**1.5. GLOBAL BROKER FEEDS**

Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
Barclays	Barclays FX	GA			X		
Barclays	Barclays ROE	GA				X	X
Barclays	Barclays Fixed Income ROE	BETA		X			
Deutsche Bank	DB-FX	GA			X		
Deutsche Bank	DB-FIX	DEV					X
Deutsche Bank	Autobahn FX	BETA					X
Lehman	Lehman FX	GA			X		
UBS	UBS	GA		X	X		
UBS	UBS FX FIX ROE	PLAN			X		
UBS	UBS FX	PLAN			X		
RBS	RBS FX FIX ROE	PLAN			X		

**1.6. NEWS FEEDS**

Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
Bloomberg	Bloomberg News	BETA	X	X	X	X	X
Bloomberg	Bloomberg Economics	GA	X	X	X	X	X
Dow Jones	DJ News	PLAN	X	X	X	X	X
Dow Jones	Elementized News Feed	PLAN	X	X	X	X	X
Interactive Data	CTF News	GA	X	X	X	X	X
Platts	Platts News	DEV	X			X	X

**1.7. FOREIGN EXCHANGE FEEDS**

Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
Baxter FX	Baxter FX	GA			X		
Currenex	Currenex	GA			X		
Currenex	Currenex FIX	GA			X		
Currenex	Currenex FIX Trade Ticker	PLAN			X		
Currenex	GovEx	PLAN	X				
Currenex	Scratch Service	BETA			X		
EBS	EBS AI FIX	GA			X		
EBS	EBS Live	GA			X		
FX All	FXAll DOB	GA			X		
HotSpot	HotSpotFX	GA			X		
HotSpot	HotSpot FX ITCH	GA			X		
LAVA	LAVA FX	GA			X		
UBS	FX Prime Brokerage	PLAN			X		

**1.8. FIXED INCOME FEEDS**

Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
eSpeed	eSpeed Multicast	GA		X	X		X
ICAP	I-Connect	GA		X	X		X
ICAP	I-Feed	BETA					
ICAP	ICAP OM	GA		X			
ICAP	FIX/FAST	DEV		X	X		X
Municipal Securities Regulatory Board	MSRB	GA		X			
Tullet Liberty	FDS	GA		X	X		
TradeWeb	TradeWeb	GA		X			

**1.9. CONSOLIDATED VENDOR FEEDS**

Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
Bloomberg	B-Pipe	GA	X	X	X	X	X
Bloomberg	B-Pod	GA	X	X	X	X	X
Interactive Data (Comstock)	PlusFeed - CTF Format	GA	X	X	X	X	X
Interactive Data (Comstock)	PlusFeed - XpressFeed (DDF Format)	GA	X	X	X	X	X
Markit	Markit Enhanced Feed	PLAN	X	X	X	X	X
PAT Systems	PATS Feed	PLAN	X				
Thomson Reuters	TDF	BETA	X	X	X	X	X
Thomson Reuters	AutoQuote5	BETA	X	X	X	X	X

**1.10. FIX CONNECTORS**

Exchange	Feed	Availability	Equities	Fixed Income	Foreign Exchange	Commodities	Derivatives
Merrill Lynch	ML Pro – FIX Feed	GA	X				X
Cameron	Cameron – FIX Engine	GA	X				