



## **Consolidated Feed - API Compatibility Matrix**

Welcome to the Consolidated Feed API Matrix. This Matrix details the following:

- Detailed list of Various Changes to the Matrix (*Change Log Tab*)
- Combinations of Operating Systems supported by our API offerings. (*Operating Systems tab*)
- Combinations of Compilers, and JDKs supported by our API offerings. (*Compilers tab*)
- Capabilities of the Various APIs (*Capabilities Tab*)

<b>Version:</b>	1.006
<b>Last Updated</b>	5/3/2016

<b><u>Version</u></b>	<b><u>Date</u></b>	<b><u>Description</u></b>
1.006	5/3/2016	Updated for V1.21.0 API releases, also updated Symbology for Bloomberg Ticker
1.005	3/28/2016	Clean-up
1.004	8/20/2015	Updated for C++/Java v1.20.x Releases
1.003	8/27/2014	Updated for Java v1.19.2 Release
1.002	3/28/2014	Updated for upcoming Java v1.19.0 Release
1.001	3/17/2014	First release of the API Compatibility Matrix. Created tabs for Change Log, Operating Systems, Compilers, and Capabilities.

## **API - Operating System Tab**

This Tab of the compatibility matrix details all the supported Operating System combinations. General things to note about the Operating System Tab:

- Only supported versions of the various APIs and Operating Systems are listed. If the version of API or Operating System is not listed, it is not supported as of the date of the file.
- Checked Boxes indicate that the combination is supported
- Unchecked combinations may work, but they have not been tested or officially supported.

<u>Operating Systems</u>	Windows						Linux		
	Windows Server 2003	Windows Server 2008	Windows Server 2012	Windows Vista	Windows 7	Windows 8	Suse 11.X - 64 bit	Centos/RHEL 6.X - 64 bit	Centos/RHEL 7.X - 64 bit
C++ API - v1.21.X	X	X	X	X	X	X	X	X	X
C++ API - v1.20.X	X	X	X	X	X	X	X	X	
Java API - v1.21.x	X	X	X	X	X	X	X	X	X
Java API - v1.20.x	X	X	X	X	X	X	X	X	
XML	X	X	X	X	X	X	X	X	X

**Note:**

All Operating Systems are assumed to be 32-bit and 64-bit supported, unless explicitly stated.

## API - Compiler Tab

This Tab of the compatibility matrix details all the supported compiler combinations. General things to note about the Compiler Tab:

- Only supported versions of the various APIs and compilers are listed. If the version of API or compiler is not listed, it is not supported as of the date of the file.
- Checked Boxes indicate that the combination is supported
- Unchecked combinations may work, but they have not been tested or officially supported.

<u>Compilers</u>	Windows					Linux		Java	
	Visual Studio 2005 (VC8)	Visual Studio 2008 (VC9)	Visual Studio 2010 (VC10)	Visual Studio 2012 (VC11)	Visual Studio 2013 (VC12)	GCC 4.3.4	GCC 4.4 or Higher	Oracle Java SE Development Kit (JDK) 1.6	Oracle Java SE Development Kit (JDK) 1.7
C++ API - v1.21.x	X	X	X	X	X	X	X		
C++ API - v1.20.x	X	X	X	X	X	X	X		
Java API - v1.21.x								X	X
Java API - v1.20.x								X	X
XML									

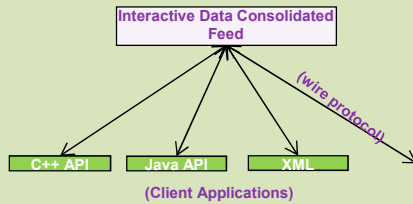
**Note:**

The Java API is not compatible with non-Oracle JDKs such as OpenJDK and IBM® SDK, Java™ Technology Edition



## API - Capabilities Tab

The Interactive Data Consolidated Feed is a state of the art, low latency data feed product covering global on-exchange and OT data across all asset classes. Interactive Data provides a suite of APIs in **C/C++**, **Java**, and **XML** for access to the Interactive Data Consolidated Feed, allowing integration of rich market data content into a customer's application. These APIs allow clients to build their custom applications using the same APIs that power the Interactive Data Trading Solutions desktop products, such as the Market-Q, eSignal, FutureSource desktops. They are ideally positioned to power applications with limited watch-lists (<10k) and can provide access via regional POPs through internet, leased line or co-location. This Tab of the compatibility matrix details all the Capabilities of the API offerings. The capabilities of the **Wire Protocol** are also compared in order to allow API vs Wire Capabilities.



Products	Connectivity					Market Data Lvl 1/Lvl 2 (Streaming)			Market Data Lvl 1/Lvl 2 (Snapshot)			Market Data (Request Symbology)							Market Data (Symbology Lookup)							Market Data (General)			News		History (On-Demand)					
	Connection Type - TCP/IP	Connection Type - via HTTP/HTTPS	Access Style - Zero Footprint	Access Style - Deployed API	Connection Recovery - Automatic	Quotes - Real Time	Quotes - Delayed	Market Depth - Real Time	Real-Time Quotes	Delayed Quotes	Market Depth - Real-Time	RTS Symbol	eSignal Symbol	Bloomberg Ticker	Bloomberg ID	ISIN	CUSIP	SEDOL	Exchange Ticker	RTS Symbol	eSignal Symbol	Bloomberg Ticker	Bloomberg ID	ISIN	CUSIP	SEDOL	Exchange Ticker	Calculating Options Greeks	Options/Futures - Wildcards	Options/Futures - Filtering	Headlines	Stories	Tick Data - Intra Day	Bar Data - Intra Day	Bar Data - Daily/Weekly/Monthly	
C++ API - v1.21.x	X			X	X	X	X	X	X	X		X							X	N/A	X	X	X	X	X		X	X	X	X	X	X	X	X	X	
Java API - v1.21.x	X			X	X	X	X	X	X	X		X								N/A	X	X	X	X	X		X			X	X	X	X	X	X	
XML		X	X					X	X		X	X			X	X	X				X	X	X	X	X				X	X	X	X	X	X	X	
Wire Protocol	X		X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	N/A	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X