Server API (SAPI)

A cost-effective solution to drive in-house and
third party server applications with Bloomberg data.

Available exclusively to Bloomberg Anywhere subscribers, Bloomberg Server API wraps the full functionality of our highly popular Desktop API into a robust server package for nourishing applications.

Depth and breadth of data

With no per-dataset cost, SAPI allows applications to utilize the depth and breadth of data in Bloomberg across asset classes and spanning more than 45,000 fields. These fields range from real-time pricing, reference data to advanced derived fields and powerful analytics exposed via API. Specialized content sets like ESG, Supply Chain, market depth are also covered. For clients using Bloomberg Risk/OMS/PMS (AIM/TOMS/PORT), relevant data can be accessed via SAPI. In addition, the New Security Setup (NSS) bridges the OMS/EMS/PMS workflows with the reference data needed in databases for new securities.

Powering server-based applications

For heavy calculations and centralized business logic, most enterprise applications rely on a client-server architecture. Data retrieved via SAPI is specially licensed to allow usage in server-side components of such applications, including trade and order management, risk, and portfolio management and analytics. When these tools are fed with different data sources, the risk of discrepancies that can derail critical opportunities increases. SAPI effectively allows users to drive applications with real-time and static financial data and gives all Bloomberg subscribers in the firm a unified view of global markets.

Minimize costs and administration

Leverage existing entitlements for exchange management and reporting. Benefit from a lower total cost of ownership due to minimal need for additional infrastructure, and a fixed price structure offers cost certainty.

For this fixed charge, SAPI allows the application to access all the data and analytics in the Desktop API. The fixed charge is only linked to the volume of requests and number of unique securities for real-time data.

Visit SAPI <GO> or reach out directly at eprise@bloomberg.net to learn more.

Power your server application with consistent data
- Extensive cross-asset coverage
- Real-time streaming exchange and contributor data
- Reference data, Historical and intra-day time series data
- Bloomberg–calculated analytics

Secure, reliable technology
- 24 x 7 access to data for programmatic workflows, and data usage monitoring and management
- Encrypted connection, Multi-platform support
- Available in multiple programming languages (C, C++, .NET [C#, VB, .NET], .COM, Java) for easy downstream application integration
- Built-in entitlements tools to help control who and where data is disseminated to

Effective Cost Optimization
- Leverage existing entitlements ie exchange management and reporting
- No extra per-user or per dataset fees besides Bloomberg Terminal
- Save costs by consolidating disparate data sources

Content & Data Solutions

Real-Time Data

Bloomberg

Server API delivery options

On-Premise

SAPI can be installed on your hardware on your company's premises. Your company's IT department will maintain the software and the infrastructure.

Third-Party Vendor Hosted

If your financial software provider offers application hosting services, you can ask them to co-locate the SAPI service on their premises. They will maintain the software and the infrastructure for you.
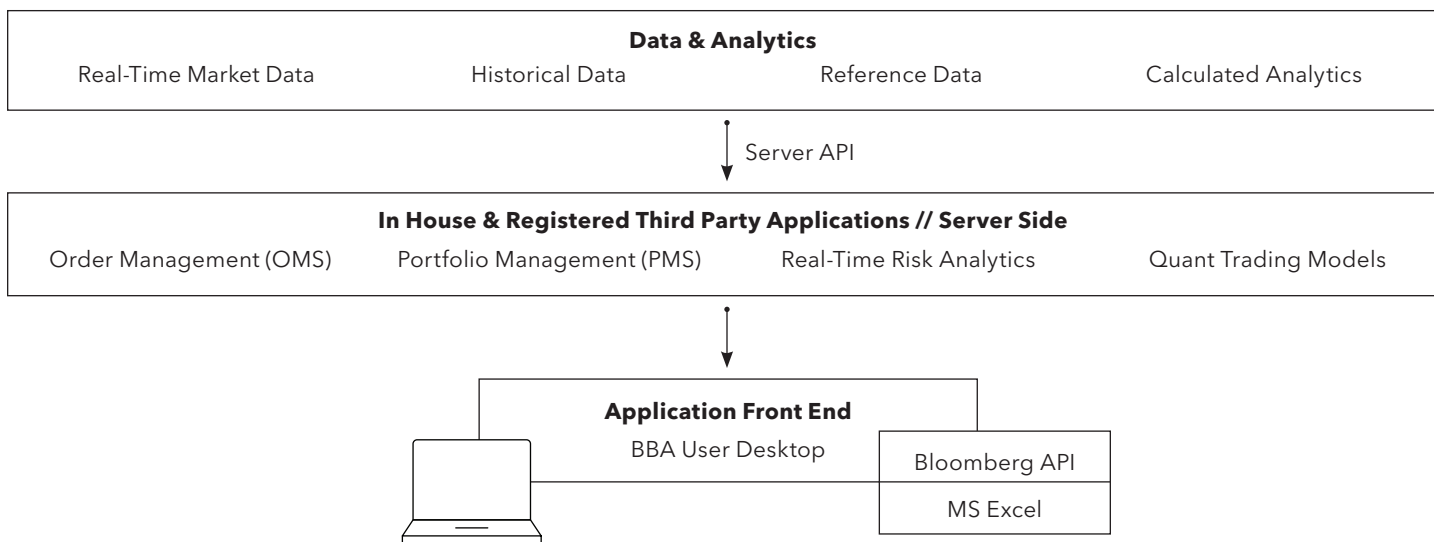
Cloud

Bloomberg offers the only cloud-native real time data delivery option suitable for capital markets use. Get the fastest, most scalable access to data to nourish mission critical applications, with performance and speed comparable to installed servers.

Zero-Footprint

A zero-footprint delivery option gives firms access to high-quality data without the cost of installed infrastructure. All required software is hosted on the Bloomberg cloud within Bloomberg's highly resilient global network, and clients access data via secure internet connectivity using the Bloomberg API. This option is available to applications regardless of where they reside, including all public clouds.

Nourish in-house and third party client server applications

The Server API can deliver real-time market data and reference data to a wide range of applications. Whether it's a simple P&L task in a spreadsheet or a complex application such as an Order Management System (OMS) or a Risk/Portfolio Management System (PMS) running on a server or hosted by a Bloomberg registered third-party, users are covered.

Data & Analytics			
Real-Time Market Data	Historical Data	Reference Data	Calculated Analytics

Server API

In House & Registered Third Party Applications // Server Side			
Order Management (OMS)	Portfolio Management (PMS)	Real-Time Risk Analytics	Quant Trading Models

Application Front End

BBA User Desktop

Bloomberg API

MS Excel

Take the next step.

For additional information, press the <HELP> key twice on the Bloomberg Terminal®.

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