

Delivering Real-time Web Content.

WebStreamer is a push-platform for real-time web data, delivered as a managed service from WebFG's secure cloud. With pre-integrated financial market feeds and a resilient data warehouse, we reduce the time, cost and risk when deploying real-time market data solutions based on http/HTML4 and the emerging WebSockets/HTML5.



MFDS

WebStreamer leverages WebFG's MFDS (Market & Financial Data Solution) which is an independent, scalable and flexible multi-vendor and multi-asset platform, providing 'best-of-breed' integration that aggregates many different data sources. WebFG is Europe's leading independent provider of web based solutions for the integration, presentation and promotion of market, financial data and products. WebStreamer has easy access to the breadth of Financial Market Data with features such as User Permissioning, Authentication, Reporting, Code mapping for data normalization, multi-provider that are available in the MFDS data warehouse.

Architecture

Webstreamer resides in WebFG's Data Centre so no customer infrastructure is required. It's easy to integrate with any existing "static" web site, just by adding some tags to the HTML code then the streaming service is provided.

The front-end can intelligently decide which Data Centre to connect to, either a primary Active or to a Passive Data Centre, as well as having multiple vendor options without the need for manual intervention.

The platform can scale to fit different capacity needs and/or delivery requirements, to re-utilise the service that is being provided to systems beyond a single dealer platform. This is possible given that the management of the service is done via a front-end tag with all of the intelligence of the MFDS Data Warehouse.

Since MFDS is a Vendor agnostic Data Aggregation solution, the possibility of using two or more vendors does not complicate delivery.

With at least two data centre's in place configured as Active-Active, full business continuity can be provided, the front-end of the push clusters logically manages the efficient balancing between the two.

Features

<p>Performance</p> <ul style="list-style-type: none"> • Multiple interconnected ticker plants receiving up to 12M instruments from all major global data vendors • Bandwidth 450Mb per sec • Storing 4TB per week • Streaming 100TB per month 	<p>Platform</p> <ul style="list-style-type: none"> • Data Vendor independent and rapid substitution without impact on business processes • Consistent mix of data from different sources with coherent use across all systems • Monitoring and cleansing of the data avoiding error redundancy in the next steps of the process • Permissioning via WebFG or 3rd party systems open DACS • Push / pull distribution of large amount of data and on the fly calculations for a large number of end users 	<p>Management</p> <ul style="list-style-type: none"> • Internal and external marketing communication based on transparent & consistent data • Detailed costs analysis of data usage per department and single user • Compliance with current and future regulation • Flexibility & scalability to rapidly adapt to future changes at low cost • Reduced Operational Risk via smart management of data and request volume through four-tier integration.
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Market Data Feeds

<p>Market Data Vendors</p> <ul style="list-style-type: none"> • Six Telekurs • Thomson Reuters • Teletrader • Tenfore • Infobolsa • Bloomberg • BATS Europe • Morningstar • Financial Express • Money Mate • Lipper • IDC Comstock • FTID • S&P Evaluated pricing • Capital Markets 	<p>Data Providers</p> <ul style="list-style-type: none"> • Exchange Data International • Money AM • FTSE Indices • GICS • Moodys • S&P • Fitch • BAC fixed income indices • MSCI • Factset • The Screener • Cofisem • Noesis • Commerzbank • CMC Markets FX feed • CUSIP • SEDOL 	<p>News Providers</p> <ul style="list-style-type: none"> • BMS (proprietary coverage in Spanish, English and Catalanian) • Sharecast (proprietary coverage in English) • Dow Jones News • Reuters • Journal de Negocios (Portugal) • Boursier • Cercle Finance • 4cast • Company News Group • Business Wire • PR Newswire • Reuters One • LSE Rns • Europa press • Midnight Trader • ABN Newswire
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Stingray HTML5 Multi-Tenant Rich Internet Application Container.

Stingray is a web space that manages native content, together with 3rd party widgets and the interaction between them. Leveraging the power of HTML5; for faster and more efficient write once, run everywhere apps.

It's the result of a 7 man-year product development project by WebFG to create an enterprise level, natively multi-channel financial information and trading terminal. Part of that process was to bring together the best technology and to integrate all elements necessary to make it suitable for both for professional and active retail market users. Once developed, the resulting analysis made it evident that part of this technology that could be used in a complementary concept and with a much broader scope for its use, this being a web application container for HTML5 applications.

Stingray supports WebStreamer solutions and the integration of client libraries used to communicate with the leading push servers and WebSocket gateways that are part of WebFG's WebStreamer platform. It can leverage the advantages of HTML5/WebSockets which was designed for bidirectional, real-time communication over the Web. WebSockets provides a far more efficient protocol, and scales far more effectively than the existing http1.1 used currently with HTML4.

Web Financial Group UK Ltd
 Providian House,
 16-18 Monument Street,
 London, EC3R 8AJ., UK

Web Financial Group SA
 C/ Pedro Teixeira, 8 - 1º
 28020 Madrid
 Espana

Web Financial Group France SARL
 3, Ave de l'Opéra
 75001 Paris
 France

Web Financial Group Deutschland GmbH
 Hofmannstr. 25-27
 81379 München
 Deutschland

Tel: +44 (0)207 868 1755

Tel: +34 91 417 5350
 Fax: +34 91 187 0348

Tel: +33 1 42 86 15 17
 Fax: +33 1 42 86 00 51

Tel: +49 (0)89 - 4 44 88 38 - 11
 Fax: +49 (0)89 - 4 44 88 38 - 20