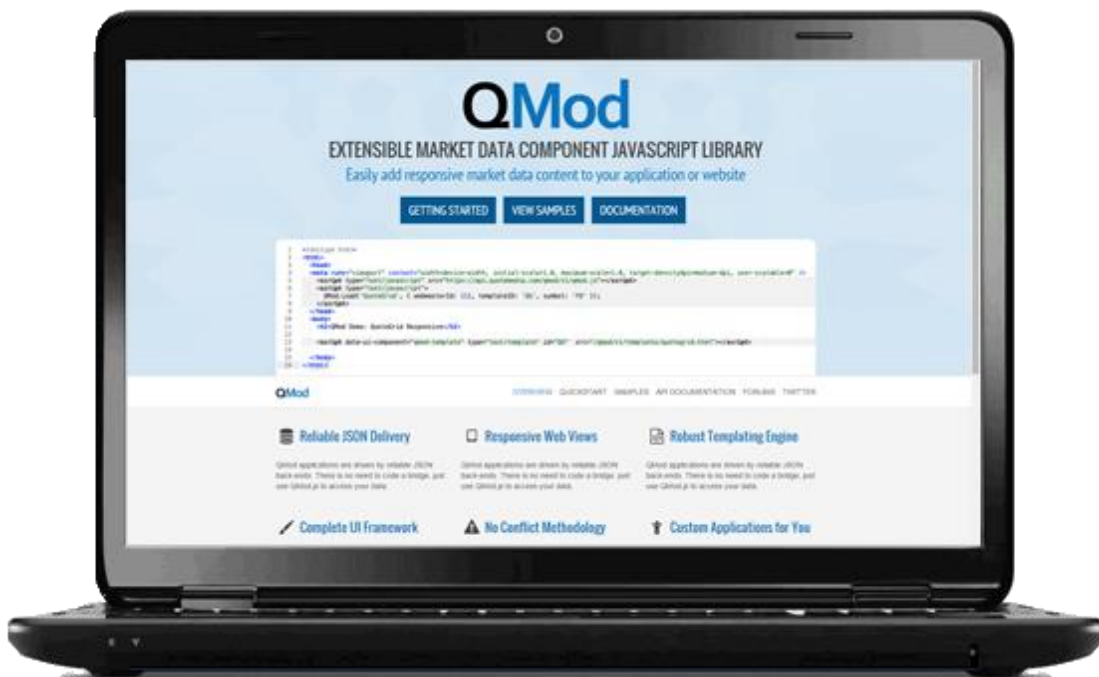# quotemedia

## Content Solutions



## Dynamic Web Content Services

QuoteMedia provides a wide array of market data solutions for web display. Preconfigured plug and play solutions are available as well as completely customized solutions.

QuoteMedia's proprietary web delivery system, called QMod, was created with custom libraries for secure market data provisioning as well as ease of integration and unlimited customization. Full portfolio management, alerts and user administrative client management are all available in in our Web Content Solution products

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dynamic market data solutions
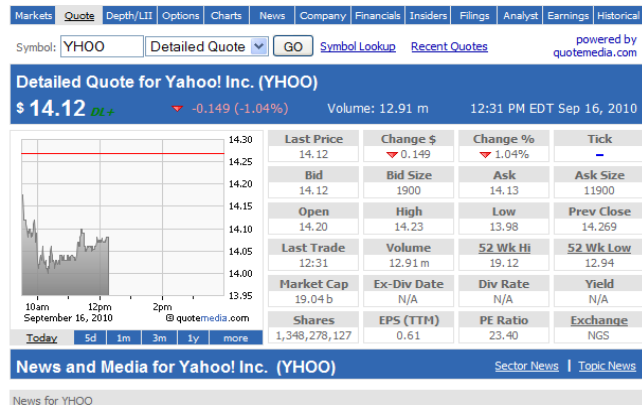
# QuoteMedia Content Solutions

QuoteMedia provides an extensive array of dynamic financial information that can be seamlessly integrated with your existing web presence.

Our Web Content Solutions feature dynamically updating modules including Stock Quotes, Charts and Analytics, News and Filings, Fundamentals, Investor Relations, Web Portfolios and much more. Full portfolio management, alerts and user administrative client management are all available in in our Web Content Solution products.

## Plug and Play

QuoteMedia has created a easy to implement web-ready solutions allowing for clients to quickly add content to their website.

One example is our Multi-Channel Module, which is a cost-effective and dynamic solution for integrating an amazing amount of financial content into your site. The data returned is compact and customizable, yet it provides for a comprehensive source of information.



## The QMod System

QuoteMedia's proprietary web delivery system, called QMod, was created for secure market data provisioning as well as ease of integration and unlimited customization.

QMod is an extensible market data component JavaScript library used to deliver market data content to web platforms powered by JSON back-ends. With extensibility in mind, QMod can be utilized to build custom applications on demand for clients as well as continue to improve existing and new components with ease.

# QMod Overview

## Responsive Content Formatting

QMod delivers content designed for mobile devices and also content specifically designed for a web page.  The comprehensive UI framework that gets delivered with QMod allows for components to be designed however we see fit for the job.  One example would be a Quote Grid that responsively changes based on device and resolution.  Clients can simply follow the documentation provided for the UI framework and build the tools to fit the needs of the delivery.

## Robust Templating with Mustache

With a QMod implementation, clients call a tool with the QMod Load method which includes all dependencies required by the component.  The component calls the JSON feeds required to deliver data and pushes it all to a template engine called Mustache.  Mustache templates are easy to understand and are easily replaced by custom templates.  QMod components always use a default template provided with the implementation but offer the flexibility to change the template to a complete custom design, allowing for clients to move or remove any pieces of data presented.

For instance, with a product such as a Quote Grid of price and fundamental data, the client can download the template, source their own template, and remove PE Ratio, Close, High and Low by just deleting those sections of HTML and template variables.

## QMod UI Framework

Much like Twitter Bootstrap, QMod has a complete UI kit for developing components.  Some of the features include responsive grids, buttons, custom styled forms, icon fonts for icon usage, custom headings and more.  This framework continues to grow as we continue to develop for clients.  The UI Framework is all delivered seamlessly to QMod components with no extra overhead for the client.  Clients simply include Qmod.js and receive every feature packaged with the framework.

## Secure Authentication

QMod is driven by a new authentication service that authenticates a component to a specific domain which makes it impossible to implement QMod on any other domain not validated by the administration system.  The JSON is secured in a JavaScript environment by authenticating the domain with CORS (Cross-Origin Resource Sharing).

## No Conflict Methodology

QMod delivers dependencies under the QMod object only.  The JavaScript library jQuery is heavily used in QMod and is accessible under a custom namespace to prevent collisions with client implementations of jQuery.  This is true of all plug-ins and third party scripts used with the QMod framework such as jQuery plugins, Mustache or any other libraries clients are using on their sites.

## Custom Component Development for Clients

QMod is designed to facilitate the ability for QuoteMedia developers to quickly design custom applications for clients.  Each component has its own Tool Name and Tool Hash that provides for authentication and component usage tracking.  Simple modifications to existing components can be done very quickly for clients (custom template overrides), or by clients themselves.  QuoteMedia can also build custom components as specified by the client.  Even custom components can be delivered quickly, soon after the client requests it, of course depending on the complexity of the custom component.

## Synchronous Dependency Loading

QMod is designed to load all required components synchronously to prevent scripts from trying to execute items that have not yet loaded.  The default behavior of a browser renderer is to load things asynchronously (loading tasks before the previous one has finished).  This can create a lot of issues with JavaScript execution that relies on code bits from another JavaScript source.  QMod's own loader prevents that behavior and loads tasks when the previous task has completed.

## Error Handling and Reporting

Currently, QMod reports all errors to the browsers' JavaScript console, allowing for easy implementation by clients.  Clients can also customize on-page errors in the case of a tool error.

**We feel that QMod is the future of content delivery for the financial industry and is much more flexible than competitor implementations of web content.  QMod is easy to implement, easy to customize and allows for total customization of client components and pages.  QMod is the future of dynamic financial web content.**

# Examples of Implementations of QuoteMedia Content Solutions

# Contact QuoteMedia

QuoteMedia has a variety of market data solutions.  We would be happy to discuss all of your options, and help you find the solution that best fits your business model.

Please contact a QuoteMedia account representative and we will answer any further questions you might have regarding QuoteMedia Data Feed products, or any of QuoteMedia's other financial information solutions.

| | |
|---|---|
| **Call Toll Free:** | **1 844 485-8200** |
| **Outside North America:** | **1 250 586-9943** |
| **Email us at:** | sales@quotemedia.com |
| **Visit online:** | www.quotemedia.com |

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