



Expanded Access to Industry-Standard Data

Trepp has developed a web service computation platform for clients and third-party vendors who want a simpler way to leverage the strength of Trepp's calculation engine and data for their own analysis. With a faster time-to-value and lower total cost of ownership, Trepp Web Services (TWS) expands access to industry-standard CMBS data and analytics while reducing demands on client resources for implementation.

Maximized Flexibility

Users will notice an increase in flexibility pertaining to the use of cashflows, enabling complete control of the application and operation of the TWS. In addition, TWS can be used to:

- Run in-depth risk analysis across a wide-range of assumptions and variables
- Integrate CMBS cashflows and information into automated processes
- Incorporate results from proprietary real estate risk models into requests
- Schedule recurring computations for reporting and risk management purposes

Benefits of TWS

- Lower TCO
- Faster Time-to-Value
 - Flexibility
 - Scalability

“ Uses for TWS are limited only by the imagination of the client. ”

Access to Core TreppEngine Functions

Users will be able to quickly and easily generate CMBS bond and collateral cashflows on demand and will have access to the following four sets of outputs:

- Price Yield
- Tranche Cashflows
- Aggregated Collateral Cashflows
- Loan-by-Loan Totals

Trepp, founded in 1979, is the leading provider of information, analytics and technology to the CMBS, commercial real estate and banking markets. Trepp provides primary and secondary market participants with the web-based tools and insight they need to increase their operational efficiencies, information transparency and investment performance. From its offices in New York, San Francisco and London, Trepp serves its clients with products and services to support trading, research, risk management, surveillance and portfolio management. Trepp is wholly-owned by DMG Information, the information publishing division of the Daily Mail and General Trust (DMGT).

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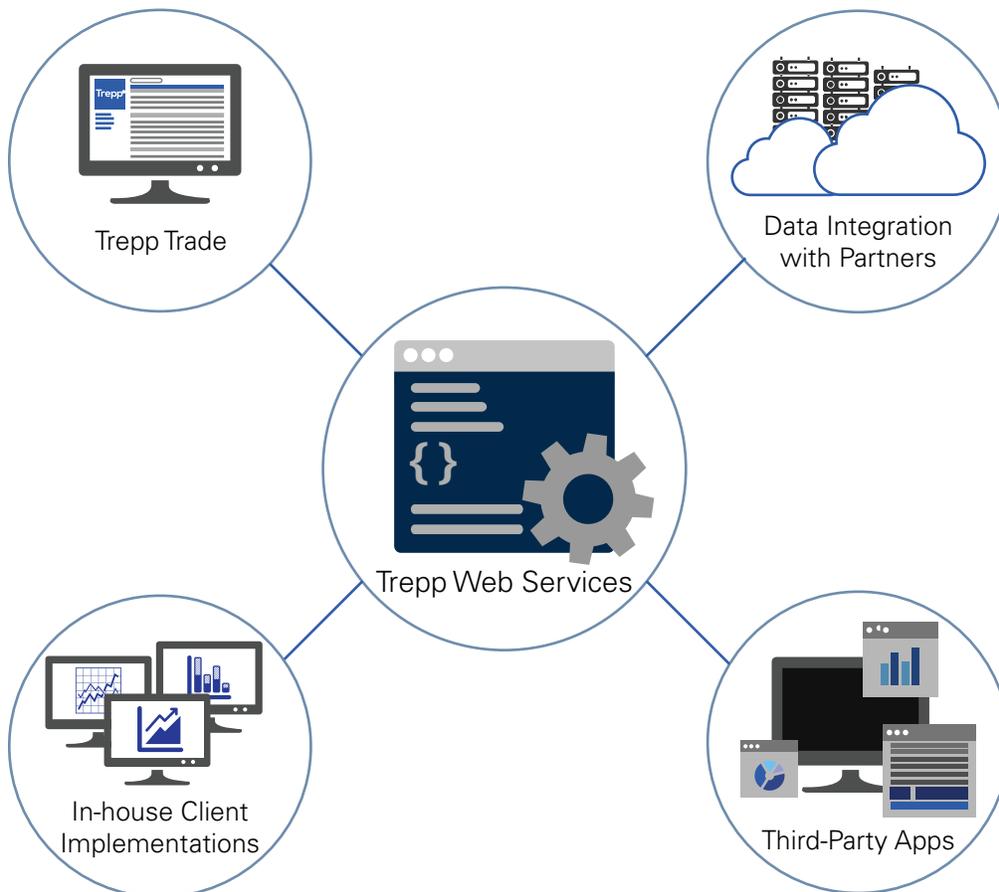
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The Technical Architecture

Trepp Web Services are a RESTful web API using JSON (JavaScript Object Notation) format for data interchange over HTTPS secure connection. REST (Representational State Transfer), which has gained widespread acceptance as a simpler alternative to other web service interfaces, describes a way that users can interact with content on remote systems. Once the users are authorized with Hawk or API key credentials, they can access the calculation engine and data using the standard HTTP stateless communication protocol. Each CUSIP/assumption set is computed and returned via a unique JSON request.

Applications Leveraging TWS



TWS can be interchanged with a variety of client and third-party applications that require access to core CMBS cashflow calculations. The technology is the underpinning of front-end Trepp products such as TreppTrade.