

TValue™ Engine

Software Development Kit (SDK)
& REST API Web Service

Easily integrate the trusted TValue calculation engine into your mobile, desktop, or web application

Rely on the time-tested, world-class calculations of TValue by TimeValue Software in your applications. TValue Engine streamlines project development for faster time to market, lower development costs, and the most accurate calculations.

Complete time value of money calculations ready to be integrated into your application

- Easily integrate any time value of money calculation from simple and straightforward to specialized and complex
- Perfect for web, client/server, desktop, and mobile applications
- Simple integration with the TValue Engine saves you valuable development resources and allows you to focus on the specific business requirements of your project
- All the possible combinations of calculation methodologies, year lengths, odd days, and compounding periods are available in your application
- TValue Engine handles the complexity that comes with developing, testing, and verifying nuanced financial and legal calculations
- Any calculation that can be done with the TValue amortization software can be accomplished in your development project with the TValue Engine SDK or REST API Web Service
- Deploy custom online mortgage loan origination systems, lease quotation and pricing programs, student loan services, and more with the TValue Engine, *easily*

Versatile deployment suitable for a wide range of target environments

- Incorporate time value of money calculations into your application across mobile, desktop, and web environments
- Access the full power of the TValue Engine using the .NET SDK that can be used in virtually any Windows Desktop application
- Power your mobile and web applications with the flexibility and convenience of the RESTful API web service
- Provide solutions for lightweight cloud applications through robust desktop tools alike

TValue software is used by financial professionals in over one hundred countries by over 500,000 users

Easily integrate TValue calculations into your cloud or desktop based applications

- 1) DETERMINE DEPLOYMENT: Are you developing a web-based or Windows desktop applications?
- 2) INCORPORATE INTO YOUR CODE: Comprehensive time value of money calculations are at your fingertips.
- 3) CALCULATIONS ARE INTEGRATED INTO YOUR APPLICATION: Your application can now do the calculations you need. Complicated calculations are accurate to the penny.

“TValue software handles the unusual payments that no spreadsheet or calculator can.”

- Walling Keith, CPA

Any calculation that can be done with the TValue amortization software can be accomplished in your development project with the TValue Engine

Contact our experts to find out which integration is right for you

Label: Variable Rate Loan- Amortize in 10 yrs - Balloon in 5 yrs

Compounding Period: Monthly Nominal Annual Rate: 5.000 %

Amortization Schedule

Event	Date	Amount	Number	Period	End Date	Compounding	Rate	Memo
1 Loan	01/01/2023	500,000.00	1					
2 Payment	02/01/2023	5,303.28	12	Monthly	01/01/2024			
3 Rate Change	01/01/2024					Monthly	6.000 %	
4 Payment	02/01/2024	5,528.20	48	Monthly	01/01/2028			
5 Payment	02/01/2028	287,379.04	1					

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TValue Engine Windows SDK & REST API Web Service

For more information and pricing specific to your needs, email our TimeValue Software experts at info@TimeValue.com or call **800-426-4741** Monday-Friday, 7am-5pm (Pacific Time).

All TimeValue Software products come with a one-year, money-back guarantee, so your purchase is risk free.