

TIMEVALUETM
s o f t w a r e

Mastering
Interest & Penalty
Calculations
with TaxInterest
Software

IMPORTANT WEBINAR DETAILS

- This webinar is an intermediate course **certified by NASBA for one CPE credit**. In order to receive CPE credit, **you must stay for the entire program and participate by responding in real time to ALL polling questions**. Certificates will be emailed approximately 2 to 3 business days after webinar.
- **Questions are encouraged**. Use the GoToWebinar console to submit your questions during the webinar. We will answer as many questions live as time allows near the end of the presentation or by email if we don't have time.
- To ensure the best experience, view presentation in **full-screen mode**

PRESENTATION TEAM

Marty Pellerin

- 20+ Years with TimeValue Software
- Industry Speaker/Presenter
- CFO/Senior VP/VP Finance

Zack Kisse

- 5 Years with TimeValue Software
- Senior Support Manager

ABOUT TIMEVALUE SOFTWARE

- Founded by a CPA from Price Waterhouse in 1984
- Located in Irvine, California
- Experts in time value of money calculations
- Over 500,000 users for all product lines in over 100 countries
- Our flagship product, TValue amortization software, is used by all top 100 accounting firms

AGENDA

TaxInterest Software Tour

- Features & Capabilities

Case Studies

- State Penalty
- 2210/2220 Penalty
- IRS/State Notices
- FIN 48 Accrual

Questions

FEATURES & CAPABILITIES

What is TaxInterest?

TaxInterest software helps you determine the correct interest and penalty amounts on delinquent returns or calculate interest on overpayment of income taxes.

Uses for TaxInterest

- **Non-filers** – Determine total amount due
- **Late Payers** – Determine total amount due
- **Amended Returns** – Determine total amount due
- **IRS/State Notices** – Verify total amount due
- **FIN 48** – Determine interest & penalty accruals
- **Interest Netting** – Calculate the benefits of offsetting

TAXINTEREST SOFTWARE TOUR

MAIN INPUT SCREEN & KEY TOOL BAR ICONS

When you start the TaxInterest software, the main screen appears. This is where you enter the information for the calculation such as tax and payment amounts and dates.

- A. **Penalties** - 9 Federal (FTF, FTP, Accuracy).
- B. **Hot Interest Rate** - 2% Corporate Surcharge.
- C. **Corp-C Refund** - Activates C Corp and GATT Refund.
- D. **Compute** - Calculates interest and penalties to any date you wish.
- E. **Reports** - Displays various detailed reports.
- F. **Interest Rate Tables** - IRS, State, and Canadian Jurisdictions.

- G. Select the appropriate **event**, such as Tax or Payment.
- H. Enter the due **date** of the tax or payment.
- I. Enter the **amount** of the “net tax due on the tax due date.
- J. Enter an optional **description** for the report.

TAXINTEREST SOFTWARE TOUR

COMMON PENALTY CALCULATION EXAMPLE

Failure to Pay Tax Shown on Return

Table IRS Interest Rates – FEDERAL Rates current to 03-31-2024
Name: ID:

Event	Date	Amount	Description
1 Tax	04-15-20	20,000.00	2019 Return

Failure to Pay Tax Shown on Return-- IRC §6651(a)(2)

Activate penalty for failure to pay tax shown on return

Tax shown on return but not paid: Tax due date not including extensions of time to file:

Was this the 1st notice of levy? Was this the 1st jeopardy demand? Grace Period:

Date of 1st late payment notice (if any):

Date of 2nd late payment notice (if any):

Date of 3rd late payment notice (if any):

Date of 4th late payment notice (if any):

Date of 5th late payment notice (if any):

Date of 6th late payment notice (if any):

Installment Agreement Reduction (affects post 12-31-99 periods for timely returns)

Individual return timely filed? Reduce penalty to 0.25% for any month starting after Reinstatement penalty to previous % for any month starting after

Show Tips

Active Penalties: [Failure to File Return When Due – IRC §6651\(a\)\(1\)](#)
[Failure to Pay Tax Shown on Return – IRC §6651\(a\)\(2\)](#)

Ready

TAXINTEREST SOFTWARE TOUR

REPORT

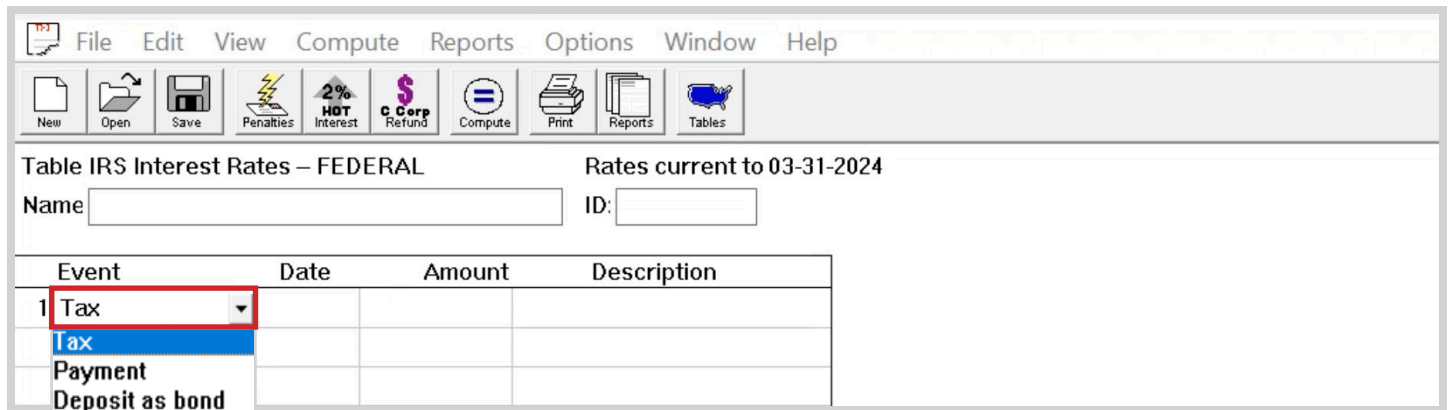
Shows interest on the tax and the penalties including the interest rate per quarter. Also shows the penalty computation details.

Interest Detail					
Event	Date	Rate	Base	Interest	Balance
Tax	03-15-20		200,000.00		200,000.00
Interest	03-31-20	5.00	200,000.00	437.61	200,437.61
Interest	06-30-20	5.00	200,437.61	2,507.16	202,944.77
Interest	07-01-20	3.00	202,944.77	16.63	202,961.40
Payment	07-01-20		<50,000.00>		152,961.40
Interest	09-30-20	3.00	152,961.40	1,145.16	154,106.56
Interest	12-31-20	3.00	154,106.56	1,166.46	155,273.02
Interest	03-31-21	3.00	155,273.02	1,152.81	156,425.83
Interest	06-30-21	3.00	156,425.83	1,174.32	157,600.15
Interest	09-30-21	3.00	157,600.15	1,196.18	158,796.33
Interest	12-31-21	3.00	158,796.33	1,205.26	160,001.59
Interest	03-31-22	3.00	160,001.59	1,187.91	161,189.50
Interest	06-30-22	4.00	161,189.50	1,615.43	162,804.93
Interest	09-30-22	5.00	162,804.93	2,064.63	164,869.56
Interest	12-31-22	6.00	164,869.56	2,512.11	167,381.67
Interest	03-31-23	7.00	167,381.67	2,913.85	170,295.52
Interest	06-30-23	7.00	170,295.52	2,997.80	173,293.32
Interest	09-30-23	7.00	173,293.32	3,084.39	176,377.71
Interest	12-31-23	8.00	176,377.71	3,592.25	179,969.96
Interest	01-18-24	8.00	179,969.96	709.40	180,679.36
Interest on Penalties					
Event	Date	Rate	Base	Interest	Balance
6651 (a) (1)	03-15-20		45,250.00		45,250.00
Interest	03-31-20	5.00	45,250.00	99.01	45,349.01
Interest	06-30-20	5.00	45,349.01	567.24	45,916.25

TAXINTEREST SOFTWARE TOUR

CASH FLOW ENTRIES – EVENT NAMES

TaxInterest computes interest and penalties based on a series of events.



Most Common Events

Tax – The most common event. Represents a debit to the taxpayer’s account. Usually used to calculate underpayment interest.

Payment – Represents a credit to the taxpayer’s account. If the Taxpayer is in a refund status where the amount of the payments exceeds the amount of tax, penalties and interest, TaxInterest will automatically calculate overpayment interest for a refund calculation.

Entered Penalty – Can be used for calculating interest on penalties assessed by state agencies or other jurisdictions. You can use the Entered Penalty event to manually enter a penalty amount. The date you use would trigger the interest calculation.

Less Common Events

Deposit as Bond – Stops the accrual of interest on a corresponding amount of tax. The amount of a deposit in excess of any tax amount will not accrue interest in TaxInterest.

Suspend Interest – Stops the running of interest on all interest computations until you enter the Resume interest event.

Resume Interest – Restarts suspended interest.

IRS Check – Reflects a cash flow from the IRS to the taxpayer. If the amount of an IRS check exceeds the amount due to the taxpayer, the IRS Check event is treated like a tax amount and underpayment interest is computed on the excess.

Motivated Tax – Applies to some pre-1990 underpayments that resulted from substantial tax motivated deficiencies. The interest rate is increased 120% for these amounts.

TAXINTEREST SOFTWARE TOUR

PENALTY CALCULATION EXAMPLES

TaxInterest handles nine different Federal/IRS penalty calculations.

The screenshot shows the TaxInterest software interface. The menu bar includes File, Edit, View, Compute, Reports, Options, Window, and Help. The toolbar contains icons for New, Open, Save, Penalties (highlighted with a red box), 2% HOT Interest, C Corp Refund, Compute, Print, Reports, and Tables. The main window displays 'Table IRS Interest Rates – FEDERAL' with 'Rates current to 03-31-2024'. Below this are input fields for 'Name' and 'ID:'. A table shows two events: '1 Tax' on 03-15-20 for 200,000.00 and '2 Payment' on 07-01-20 for 50,000.00. A 'Penalty Selection' dialog box is open, listing various penalties with their corresponding IRC sections. The 'Failure to file return when due' penalty (6651(a)(1)) is selected.

Event	Date	Amount	Description
1 Tax	03-15-20	200,000.00	
2 Payment	07-01-20	50,000.00	

Active	Penalty	IRC Section
<input checked="" type="checkbox"/>	Failure to file return when due	6651(a)(1)
<input type="checkbox"/>	Failure to pay tax shown on return	6651(a)(2)
<input type="checkbox"/>	Failure to pay amount assessed	6651(a)(3)
<input type="checkbox"/>	Negligence	6662(c)
<input type="checkbox"/>	Substantial understatement of income tax	6662(d)
<input type="checkbox"/>	Valuation misstatement	6662(e)
<input type="checkbox"/>	Overstatement of pension liabilities	6662(f)
<input type="checkbox"/>	Valuation understatement – estate/gift	6662(g)
<input type="checkbox"/>	Fraud	6663

Common Penalties

- Failure to File Return when Due
- Failure to Pay Tax Shown on Return
- Failure to Pay Amount Assessed

Accuracy Related Penalties

- Negligence
- Substantial Understatement of Income Taxes
- Valuation Misstatement
- Overstatement of Pension Liabilities
- Valuation Understatement - Estate/Gift
- Fraud



FAILURE TO FILE

Penalty is 5% per month or fraction of a month on the tax balance from the due date or extension date, whichever is later, until the return is filed. Maximizes at 25%.

Failure to File -- IRC §6651(a)(1)

Activate the penalty for failure to file

Date return was received by IRS: 01-11-24

Due date (with extensions): 03-15-20

Net tax due: 200,000.00

Was failure-to-file due to fraud?

Use minimum penalty rule for income taxes

Show Tips

OK Cancel

FAILURE TO PAY AMOUNT ON RETURN

Penalty is 0.5% per month or fraction of a month on the monthly tax balance that maximizes at 25%.

Failure to Pay Tax Shown on Return-- IRC §6651(a)(2)

Activate penalty for failure to pay tax shown on return

Tax shown on return but not paid: 20,000.00

Tax due date not including extensions of time to file: 04-15-20

Was this the 1st notice of levy? No

Was this the 1st jeopardy demand? No

Grace Period: 10 Days

Date of late payment notice (if any)	Was this the 1st notice of levy?	Was this the 1st jeopardy demand?	Grace Period
11-01-20	No	No	10 Days
06-01-21	No	No	10 Days
	No	No	10 Days
	No	No	10 Days
	No	No	10 Days
	No	No	10 Days

Installment Agreement Reduction (affects post 12-31-99 periods for timely returns)

Individual return timely filed? Reduce penalty to 0.25% for any month starting after: Reinstatement penalty to previous % for any month starting after:

OK Cancel

Show Tips

FAILURE TO PAY AMOUNT ASSESSED

Penalty is 0.5% per month or fraction of a month on the monthly tax balance from the assessment date and maximizes at 25%.

Failure to Pay Amount Assessed -- IRC §6651(a)(3)

Activate the failure to pay amount assessed penalty

Enter amount of tax assessed: 60,000.00

Date of notice to pay tax: 07-15-20

Was this the 1st notice of levy? No

Was this the 1st jeopardy demand? No

Grace Period: 10 Days

Date of IRS notice (if any)	Was this the 1st notice of levy?	Was this the 1st jeopardy demand?	Grace Period
	No	No	10 Days
	No	No	10 Days
	No	No	10 Days
	No	No	10 Days
	No	No	10 Days

Installment Agreement Reduction (affects post 12-31-99 periods for timely returns)

Individual return timely filed? Reduce penalty to 0.25% for any month starting after: Reinstatement penalty to previous % for any month starting after:

OK Cancel

Show Tips



NEGLIGENCE

Accuracy Related Penalty

Penalty of 20% on underpayment from certain specific taxpayer behaviors.

Negligence -- IRC §6662(c)

Activate Negligence Penalty

Due date (with extensions) 03-15-20

Amount of the underpayment attributable to negligence 200,000.00

OK Cancel Show Tips

SUBSTANTIAL UNDERSTATEMENT OF INCOME TAXES

Accuracy Related Penalty

Penalty of 20% if the amount of the understatement exceeds certain thresholds.

Substantial Understatement of Income Tax -- IRC §6662(d)

Activate Substantial Understatement of Income Tax Penalty

Due date (with extensions) 03-15-20

Underpayment due to understatement of tax 200,000.00

OK Cancel Show Tips

VALUATION MISSTATEMENT

Accuracy Related Penalty

Penalty of 20% to 40% if the value or the price of the property is substantially understated.

Substantial Valuation Misstatement -- IRC §6662(e)

Activate Substantial Valuation Misstatement Penalty

Due date (with extensions) 03-15-20

Underpayment subject to valuation misstatement penalty 200,000.00

Applicable Penalty Percentage 20

OK Cancel Show Tips



OVERSTATEMENT OF PENSION LIABILITIES

Accuracy Related Penalty

Penalty of 20% to 40% if the actuarial determination of the liabilities exceeds 200%.

VALUATION UNDERSTATEMENT - ESTATE/GIFT

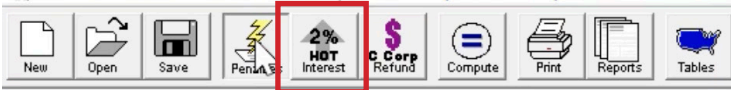
Accuracy Related Penalty

Penalty of 20% to 40% if the value of any property claimed is 65% or less of the correct valuations.

FRAUD

Accuracy Related Penalty

Penalty of 75% on a portion of the underpayment that is due to civil fraud.



HOT INTEREST RATE

Large corporate underpayments are subject to a 2% surcharge when their tax isn't paid and when the tax is in excess of \$100,000.

"Hot" Interest Information -- IRC §6621(c)

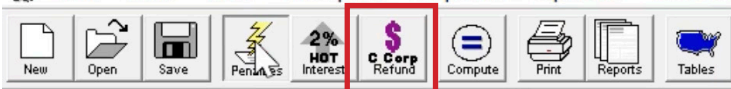
Activate §6621(c) "Hot" interest calculation OK

Enter either the "30-day" letter date, or
the §6621(c) "applicable date" Cancel

Stop "Hot" Interest on 12-31-97

To restart "Hot" interest after 1997

Enter either the "30-day" letter date, or
the §6621(c) "applicable date" Show Tips



C CORP REFUND

The refund rate for C Corporations is computed at 1% less than the normal rate. The GATT refund rate for amounts over \$10,000 is reduced another 1.5% or 2.5% overall.

C Corporation Refund Issues

Treat taxpayer as a C Corporation. (1% refund rate reduction.)

How TaxInterest uses this information:
When the checkbox is checked, TaxInterest will automatically compute a lower C Corporation refund rate. Refunds in excess of the threshold amount will be subject to the even lower GATT rate.

C Corporation refunds in excess of a threshold amount are subject to "GATT" refund rates. The default threshold is \$10,000, but you can change that amount here.

GATT threshold amount:

When a taxpayer receives a refund or credit, the payment or credit reduces either the GATT rate or the high rate portion of remaining refund balance. You can use the IRS Check event to allocate the amount that reduces the high rate.

Event	Date	Total amount of IRS check	Reduction of high rate portion
There are no events to allocate			

OK Cancel Show Tips



COMPUTE

Allows you to calculate to any date for your totals.

Compute Results ✕

Compute date:

Tax	200,000.00
Penalties	68,900.00
Interest	39,968.53
Refund Interest	<0.00>
Payments	<50,000.00>
Total	258,868.53



OPTIONS

Pick the options you want to activate or open.

- Enter Key Acts as Tab Key
- Show Tips
- Whole Dollar Mode
- Use Event Descriptions on Reports
- Use Minimum Penalty Rule in Failure to File
- Payment Allocation Window is Displayed
- Default Payment Allocation...
- Default to Show Penalty Status Bar



PAYMENT ALLOCATION

This table will show you the defaults TaxInterest uses to allocate payments. These are set up as IRS defaults but can be modified and restored.

Default Payment Allocation ✕

Rev. Proc. 84-58 contains the IRS default allocation rules. You can change the defaults here. Amounts are paid in alphabetical order. Press F1 for help.

<input type="checkbox"/> A	Normal Tax	Rev. Proc. 84-58 pays this first.
<input type="checkbox"/> F	Motivated Tax	Rev. Proc. 84-58 pays this second.
<input type="checkbox"/> C	Failure to File	Rev. Proc. 84-58 pays these items third. TaxInterest pays these items on a pro-rata basis.
<input type="checkbox"/> C	Failure to pay tax shown	
<input type="checkbox"/> C	Failure to pay assessment	
<input type="checkbox"/> C	Negligence	
<input type="checkbox"/> C	Fraud	
<input type="checkbox"/> C	Valuation overstatement	
<input type="checkbox"/> C	Pension liability overstatement	
<input type="checkbox"/> C	Valuation understatement	
<input type="checkbox"/> C	Understatement of liability	
<input type="checkbox"/> C	Entered Penalty	
<input type="checkbox"/> B	Normal Interest	Rev. Proc. 84-58 pays these items fourth. TaxInterest pays these items on a pro-rata basis.
<input type="checkbox"/> B	Penalty Interest	
<input type="checkbox"/> E	Motivated Interest	Rev. Proc. 84-58 pays this last.



INTEREST RATE TABLES

You can view the interest rate tables for both Federal and individual States, as well as Canada and their Provinces and Territories.

Name	Status	Date modified	Type
<input type="checkbox"/> 2210.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> 2220.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> 6603.TB3	🟢	1/2/2024 12:16 PM	TB3 File
<input type="checkbox"/> AK.TB3	🟢	1/10/2024 10:41 AM	TB3 File
<input type="checkbox"/> AL.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> Alberta.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> AR.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> AZ.TB3	🟢	1/2/2024 11:03 AM	TB3 File
<input type="checkbox"/> CACORP.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> Canada NC.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> Canada.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> CAPER.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> CO.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> COLOW.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> CT.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> DC.TB3	🟢	12/31/2023 2:54 PM	TB3 File
<input type="checkbox"/> DC-REF.TB3	🟢	12/31/2023 2:54 PM	TB3 File

STATE PENALTY
EXAMPLE

Failure to Pay Penalty

Tax Year: 2019
Tax Due Date: 4/15/20
Tax Amount Due: \$20,000
State Penalty: 5%

Interest bearing, assessed, non-interest bearing

The screenshot shows the TaxInterest software interface. The main window displays a table of tax events for 'Colorado rates - CO'. A red arrow points to the 'Table' label. The table has columns for Event, Date, Amount, and Description. The second row shows an 'Entered penalty' of 1,000.00 on 01-18-24, with the description 'Failure to Pay' circled in red. A 'Compute Results' dialog box is open, showing a 'Compute date' of 01-18-24 and a 'Recompute' button. The dialog box lists the following results:


Item	Amount
Tax	20,000.00
Penalties	1,000.00
Interest	5,386.91
Refund Interest	<0.00>
Payments	<0.00>
Total	26,386.91

2210/2220 PENALTY EXAMPLE

Estimated Tax Penalty

- Basis is 100% prior year or 90% current year
- With Exceptions
- Create 4 Tax Events on the deposit due dates
- Calculate the interest thru the tax due date

**Estimated tax penalty is interest bearing
when assessed**

Table: 2210 penalty rates – 2210  Rates current to 03-31-2024

Name: ID:

Event	Date	Amount	Description
1 Tax	04-15-20	5,000.00	
2 Tax	06-15-20	5,000.00	
3 Tax	09-15-20	5,000.00	
4 Tax	01-15-21	5,000.00	

Active Penalties: None

2210 Penalty -
Personal

2220 Penalty -
Corporate

Simple Interest

Compute Results

Compute date:

Tax	20,000.00
Penalties	0.00
Interest	423.26
Refund Interest	<0.00>
Payments	<0.00>
Total	20,423.26

IRS/STATE NOTICES
EXAMPLE

IRS/State Notices

- Transcript
- Reconcile by Category
 - Net Tax Due
 - Each Penalty
 - Interest Calculation
- Full Documentation

Key is to reconcile by category

The screenshot displays the TaxInterest software interface. The main window is titled "Table: IRS Interest Rates – FEDERAL" with "Rates current to 03-31-2024". The "Name" field contains "IRS Notice" and the "ID" field is empty. Below this is a table with the following data:

Event	Date	Amount	Description
1 Tax	04-15-20	130,000.00	
2 Payment	06-15-20	50,000.00	
3 Entered penalty	09-15-20	2,825.00	E T P ←
4 Payment	10-15-21	50,000.00	

Below the table, "Active Penalties" are listed: Failure to File Return When Due – IRC §6651(a)(1) and Failure to Pay Tax Shown on Return – IRC §6651(a)(2). A "Compute Results" dialog box is open, showing a "Compute date" of 01-18-24 and a "Recompute" button. The results are as follows:

Tax	130,000.00
Penalties	44,725.00
Interest	15,465.96
Refund Interest	<0.00>
Payments	<100,000.00>
Total	90,190.96

The dialog box also includes "Report..." and "Close" buttons.

FIN 48 ACCRUAL EXAMPLE

FIN 48 Interest Accrual

- Calculate by UTP
- Penalties or Not
- State Interest Calculations
- International Calculations

**TaxInterest FIN 48 Excel Add-in
automates interest calculations in Excel
to reduce calculation time**

The screenshot displays the TaxInterest software interface. The main window shows a table titled "Table: IRS Interest Rates – FEDERAL" with "Rates current to 03-31-2024". The table has columns for Event, Date, Amount, and Description. A red arrow points to the "UTP" entry in the Description column. Below the table, it states "Active Penalties: None". A "Compute Results" dialog box is open, showing a "Compute date" of 12-31-23 with a red arrow pointing to the "Compute" button. The dialog box lists the following results:

Category	Amount
Tax	1,000,000.00
Penalties	0.00
Interest	193,992.66
Refund Interest	<0.00>
Payments	<0.00>
Total	1,193,992.66

BENEFITS OF TAXINTEREST

Benefits of Using TaxInterest Software

- Easily compute and verify IRS/State Notice amounts are correct
- TaxInterest software uses IRS basis for calculation
- Determine the entire amount due for late-filers or amended returns
- Calculate Interest and Penalty accruals for FIN 48
- Allows you to be proactive and provide better service to your clients

TIMEVALUE SOFTWARE PRODUCTS

AMORTIZATION SOFTWARE & FINANCIAL CALCULATORS

TValue 6

Desktop Edition for Windows

TValue Online

Cloud Based Edition

TValue Direct for Salesforce

Integrated App

TValue Engine

Software Development Kit (SDK)
& REST Web Service

TCalc

Online Financial Calculators

WORKLOAD MANAGEMENT SOFTWARE

File In Time

Due Date Tracking & Task
Management Software

TAX INTEREST & PENALTY SOLUTIONS

TaxInterest

IRS/State Interest & Penalty Software

TaxInterest FIN 48

Excel Add-in

TaxInterest Netting

IRS Global Interest Netting Software

TaxInterest Engine

Software Development Kit

Tax941

IRS Payroll Tax Interest, Penalty
& Form Software

PayrollPenalty

IRS Failure to Deposit Penalty
Abatement Software

All TimeValue Software products come with a one-year, money-back guarantee

TAXINTEREST SOFTWARE

TaxInterest Software – \$99/year, per user

- TaxInterest Software is an annual subscription and includes quarterly updates and unlimited support for the subscription duration. The Annual Subscription renewal is billed one year after purchase.

TaxInterest FIN 48 Excel Add-in – \$500/year, per user

- TaxInterest FIN 48 Excel Add-in is an annual subscription and includes quarterly updates and unlimited support for the subscription duration. The Annual Subscription renewal is billed one year after purchase.

TaxInterest Netting Software – Call for Pricing

- The Annual Subscription renewal is billed one year after purchase

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Contact our TaxInterest Support Team
at **info@TimeValue.com**

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for more information on how TaxInterest can help
you with your individual/corporate needs.

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