A SINGLE, INTEGRATED SOLUTION FOR MANAGING COMPLEX WEALTH.
TRANSFORMING THE FACE OF PRIVATE WEALTH TECHNOLOGY.

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Archway's comprehensive approach to wealth management software addresses the entire range of needs commonly associated with the effective and accurate management of significant wealth from the front to the back office.

Archway has coupled enterprise-grade technology with a superior level of client service and support to offer the industry's only fully integrated accounting, investment management and reporting solution: ATWeb.

ATWeb is an integrated technology platform that is utilized by the investment, operations, accounting and client reporting departments inside of wealth management firms. Built around a core General Ledger, ATWeb provides industry-specific business functions without sacrificing accounting detail. This enterprise architecture ensures all of your business functions are tightly aligned at their core, dramatically improving reporting accuracy.

**ATWEB HIERARCHY & CONSTRUCTS**

The below illustration articulates the hierarchy within ATWeb and how each element, from enterprise to transaction, relates to one another. Archway’s software platform facilitates valuable analysis by enabling users to drill-down deep within their portfolios to the tax lot level.

- **Enterprise**
  - Firm
  - Advisor
  - Family

- **Entity**
  - An **Entity** is a fund, partnership, trust or individual for which ATWeb will track investments and produce financial reports.

- **Portfolio**
  - A **Portfolio** is synonymous with an account at a financial institution or a group of investments.

- **Security**
  - A **Security** is an individual investment tracked within a Portfolio in ATWeb.

- **Tax Lot**
  - Investment positions are held at the **tax lot** level.

**SYSTEM CLASSES**

Classes are user-defined categories that allow like items to be grouped for analysis and reporting. Some examples of system classes that can be leveraged are:

- Entity Classes
  - (Generation, Family Group)
- Portfolio Classes
  - (Strategy, Discretionary)
- Security Classes
  - (Geography, Sector)
ATWeb is the core operational platform through which all client data, accounting, reporting and analysis is captured, structured and managed. Depending upon the specific needs of the firm or individual platform user, various modules can be enabled/disabled accordingly. Shown below is a graphical representation of the various navigational options and system modules that are available through ATWeb. Many of these individual sub-ledgers or modules have additional levels of functionality that expand the breadth of features within the platform. Data entered into these modules flows directly into the General Ledger via automated accounting entries.
Utilize a Fully-Automated, Double-Entry General Ledger

Today’s private wealth management landscape calls for sophisticated accounting solutions to manage the complex array of entity structures, investment types, tax information and reporting required to effectively support wealthy individuals and families. ATWeb is designed to span the full range of accounting functionality needed for various entity structures in domestic and global markets.

With a user-defined chart of accounts and seamless integration with the various modules, ATWeb delivers industry-leading accounting performance whether you are tracking 10 or 1,000 entities.

Leverage the General Ledger to display cash accounts across entities, compare budget to actual numbers and forecast cash. With flexible cash management and treasury capabilities, a central disbursements feature, automated booking of due to/due from entries and inter-entity loan tracking capabilities, ATWeb is designed to manage your all of your back office operations.

ACCOUNTING IN ATWEB

ATWeb delivers significant benefits to clients through a true General Ledger-based accounting suite with unrivaled accounting features.

**Portfolio Accounting**
- Complex asset ownership structures
- Configurable portfolio attribution
- Custodian integrations
- Multi-currency
- Security master

**Fund Accounting**
- Configurable reporting periods
- Full suite of financial modules
- Integrated portfolio sub-ledger
- Nested and master-feeder structures
- Performance reporting

**Partnership Accounting**
- Discreet and configurable fee structures
- Flexible allocations
- High water and multiple hurdle rates
- Investor relations
- Ownership percentage calculations

**Trust Accounting**
- Configurable trust dashboards
- Distribution disbursement
- Trust-specific reporting
- Management of trust details
- Principal and income tracking

**HIGHLIGHTED FEATURE:**
Master Chart of Accounts

- Accounting-rule driven for easy adaptation to various legal and tax jurisdictions
- Aggregate across modules, entities and investors
- Customizable chart of accounts with unlimited sub-accounts and cost centers
- Full inter-company accounting support with recurring and auto-reversing entries
Wealth management firms focused on investment tracking and portfolio reporting require a comprehensive solution that offers full visibility across multiple asset classes and accounts regardless of where they are held. Whether those assets are foreign, domestic or a combination of liquid and illiquid holdings, investment professionals need to easily view and analyze a variety of investment data on demand.

With Archway’s integrated investment management platform, managers can dramatically simplify and improve daily activities – from transaction processing, account reconciliation and portfolio modeling to exposure, risk and performance reporting – to deliver exceptional levels of client advice and service. Utilize ATWeb’s comprehensive Security Master to input and store security prices and benchmarks, enter Private Equity and Hedge Fund transactions, store Corporate Actions and more.

**Track a Full Range of Assets Across an Investment Portfolio**

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**Automated Amortization**

Track amortization across bonds, mortgage-backed securities and other interest-bearing investments.

**Bank, Brokerage & Custodial Integrations**

Access transaction-level financial information through our extensive library of direct electronic data aggregation feeds with custodians and managers around the world.

**Corporate Actions**

Add and maintain records of stock splits, spin-offs, mergers and symbol changes within individual securities.

**Marketable Securities**

Track equities, fixed income and mutual funds as well as options and derivatives.
Access ATWeb’s Security Master

ATWeb’s Security Master was carefully built to handle both liquid and illiquid investments. Within the Security Master, ATWeb users have the ability to enter and store security prices, cash flows and descriptive security information. Users may store up to three (3) prices for a security. The pricing information can be electronically imported from a custodian, electronically imported from a third party pricing service such as IDC or uploaded manually.

With a tab specific for Private Equity investments, users can create and store fund commitments, post capital calls and record distributions from their Private Equity investments. ATWeb users may also leverage the Hedge Fund tab, which enables the entry of specific initial subscription information along with applicable liquidity/security restrictions, fee structures, redemptions and holdback/reserve detail.

Additionally, ATWeb can store industry benchmarks as well as synthetic (custom) benchmarks with definable concentrations. Through Archway’s relationships with external data providers, users may electronically obtain data from Hedge Fund Research (HFR), MSCI and Russell.

Trackable Securities

<table>
<thead>
<tr>
<th>LIQUIDS</th>
<th>ILLIQUIDS</th>
<th>PERSONAL ASSETS</th>
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<tbody>
<tr>
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<td>Private Equity</td>
<td>Cars</td>
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<tr>
<td>ETFs</td>
<td>Hedge Funds</td>
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<td>Collectibles</td>
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HIGHLIGHTED FEATURE: Data Integrations

Automated data integrations provide an efficient data entry process and reduce the number of errors that occur through a consistent flow of information directly from financial institutions into ATWeb.

Archway offers access to hundreds of financial institutions and thousands of indices and benchmarks through our fully automated data integration platform.

- **General Ledger Integration**
  Loads cash transaction activity ( dividend or interest payments, miscellaneous expenses, etc.) into the General Ledger.

- **Portfolio Integration**
  Loads Buy/Sell activity into the Portfolio Module. ATWeb will automatically create the journal entries in the General Ledger for the Buy/Sell activity.

- **Pricing Integration**
  Loads end-of-day per unit market values for open positions into the Security Master. Storing this data in the Security Master allows clients to maintain a daily pricing record for their open positions.

- **Reconciliation Integration**
  Loads end of day cash balance and open position information from your financial institutions for use in reconciling ATWeb system data.

- **Portfolio Modeling & Rebalancing**
  Measure current portfolio allocations and streamline workflows such as model creation, configuration and investor assignment.

- **Private Investments**
  Manage alternative investments such as hedge funds, limited partnerships, real estate and private equity along with all associated cash flows.

- **Trade, Position & Cash Reconciliation Tools**
  Utilize the application’s reconciliation tools to verify data accuracy in ATWeb against external data sources.

- **Wash Sale Notification**
  Allow the system to identify potential wash sale transactions that may require basis adjustments.
Private Equity

High net worth investors include Private Equity as an asset class to improve and enhance their overall allocation, sometimes relying heavily on their outsized returns. With such emphasis placed on this critical asset class, Archway designed a ‘sub-module’ within the Portfolio module to help firms understand the movements and performance of this unique asset. With ATWeb’s capabilities, users have the ability to better understand a number of critical components of their investments. With separate wizards for tracking commitments, calls and distributions, accounting and operation team members can quickly and easily enter the necessary components of their fund.

❯ Manage
- Automate debit and credit accounting entries booked into the G/L
- Denote the currency of the investment and track F/X for 180+ currencies with our Exchange Rate table
- Incorporate ‘fund of fund’-style recording and reporting
- Report tax basis information seamlessly
- Split commitments, calls and distributions across multiple investors

❯ Report
- Automate ‘Auto-Calculate Market Value and Cumulative Value’ (includes distributions)
- Calculate either XIRR, IRR and MOIC for each fund or in aggregate
- Create your own custom blended index using ATWeb’s proprietary tools for improved breadth of reporting
- Design unlimited and unique classifications to help you group and understand fund performance

Hedge Funds

Within the alternative assets industry, hedge funds represent one of the most successful and important assets available to the high net worth investor. The name implies a degree of sophistication and expertise limited to a few with the appetite for incredible amounts of risk. As high net worth investors eschew traditional equities and fixed income for outsized returns, an emphasis on details emerges to help them understand the components and provisions for each fund.

At Archway, users navigate through a purpose-built hedge fund module to support the operations and accounting for their varied investments. With such emphasis placed on this critical asset class, users have more clarity into the movements and performance of this unique asset, whether it is for one or multiple subscriptions for the fund.

❯ Subscriptions
- Create multiple subscriptions for the same fund
- Include restriction information for ‘at a glance’ updates
  › Choose the liquidity frequency and notice
  › Define lock-up structure
  › Enter lock up expirations and penalties
  › Understand gated provisions
- Manage various fee structures
  › Input the management fee and performance fee
  › Note the hurdle rate and high-water mark

❯ Redemptions
- Choose to redeem out of a main account or side pocket
- Designate a full redemption or a specific amount
- Enter holdback amount and funds due/received values
- Create an entry for the reserve amount and reserve received
- Incorporate either a holdback or reserve offset account tied to the G/L Cash Account of your choosing
- Manage the exchange rate for foreign denominated funds
Produce Comprehensive, Customized Client Report Packages

ATWeb's sophisticated reporting tools enable clients to generate highly-customized reports for family members, investors and management teams. With more than 200 on-demand reports available in ATWeb, clients have the power to instantly run comprehensive report packages with accurate, reliable results.

ATWeb's internal reporting engine streamlines the reporting process, minimizes errors and provides exceptionally flexible reporting output options, empowering clients to select any combination of reports and report parameters to create an entirely customized report package. Clients can produce consolidated or individual packages, from single-page client financial summaries to detailed holdings, transaction, allocation, performance and/or risk reports. Using a best-in-class report batching and scheduling automation tool, clients can produce consistent, timely report packages with various output and distribution methods.

REPORTING IN ATWEB

Financial Reporting
Run balance sheets, income statements, cash flow forecasts and more.

Investor Statements
Distribute consolidated client statements and fund reports to your clients with ease and accuracy.

Performance, Allocation & Risk Reporting
Analyze portfolio performance, exposure and risk at multiple levels using TWR, TR, IRR or XIRR calculations.

Report Batching & Scheduling
Generate complete report packages for your firm, managers and investors with the system’s easy-to-use report batching tool.

User Queries
Extract raw data from ATWeb for additional custom reporting options and further data manipulation.

HIGHLIGHTED FEATURE:
Report Batching & Scheduling

For most wealth management firms, reporting is a regular task. Whether you are preparing daily, weekly, monthly, quarterly or annual reports, the process can be time-consuming and inefficient. With ATWeb’s batch reporting functionality, report preparation becomes an automated, efficiency-driven task.

Benefits of batch reporting include the ability to:
- Create a consistent report package that is familiar to your clients
- Package any combination of reports together including financial, performance or portfolio
- Run reports for any user-defined time period
- Schedule report creation 24/7/365

ATWeb reports can be tailored to reflect both what information the client wants to see as well as how that information is presented.
PARTNERSHIP ACCOUNTING IN ATWEB

Manage Partnership Accounting

Archway offers a comprehensive suite of automated and fully-integrated tools for managing all aspects of partnership accounting including income and expense allocations, capital transaction processing, contributed securities processing (704c) and the transfer of partnership interests. ATWeb also provides flexible and configurable gain allocation rules – including both aggregate and netting methodologies – in addition to supporting side-pocket allocations for investments that are owned by a subset of the partners within a partnership.

Using this information, ATWeb incorporates both partnership-level transaction activity processing alongside partner-level book and tax account value management. As a result, users are able to produce a broad range of performance, activity and tax reporting, author financial statements and distribute partner capital statements in an accurate, timely manner.

Allocate Gains

The accounting period close allows users to allocate gains based on their preferred methodology. Choose from four (4) different allocations available via ATWeb:

- Aggregate by Income Allocation
- Aggregate by Full Netting
- Aggregate by Partial Netting
- Layering

Allocate Income

Whether for tax purposes, business rules or investment priorities, income is allocated differently based on the terms dictated within a partnership agreement:

- Aggregate by Capital Account
- Aggregate by Called Capital
- Aggregate by Committed Capital
- Aggregate by Units

Calculate Ownership

Users may create side pockets so that not every partner is forced to belong to each portfolio/partnership. ATWeb’s automated ownership calculations eliminate the need to use third-party tools such as Excel to manually calculate changes in ownership as capital activity occurs.

Disparity Account Handling

Along with each investor’s tax basis and capital account, ATWeb tracks investor disparity balance (unrealized) with adjustments made based on the nature of the income allocated to each investor (e.g. unrealized vs. taxable).

Process Partner Activity

Whether you are contributing, withdrawing or transferring ownership from one unrelated partner to another or between family generations, ATWeb is flexible in its ability to create a fluid transition of assets between partners.

Track Basis

ATWeb tracks both tax and disparity balances to ultimately calculate capital amount.

By tracking all inputs of the capital equation, ATWeb users can produce comprehensive reports to display amounts based on capital, tax or disparity balances. Using this functionality, ATWeb enables users to maintain various layers of forward/reverse 704-C.
Entity Ownership in ATWeb

Today’s families require tools to comprehend and analyze the interdependencies of their complex network of entity structures and how they are employed to protect the interests of current clients and future beneficiaries. Without the proper tools, problems can arise from a lack of careful planning and understanding of how entities and investments are inter-related. Reporting on nested entities becomes time-consuming, frustrating and almost impossible without a solution that takes into consideration the various relationships an individual may have with one or many entities.

ATWeb creates a visual depiction of your firm’s ownership structure, known as the Operation Chain, to delineate between direct and indirect ownership and allocate profit and loss. The Operation Chain shows the footprint of the family office, including legal entities such as trusts, partnerships, managed accounts, etc.

The system’s intuitive allocation methodologies provide an automated means to systematically allocate P/L from the top-level entities down through the nesting chain and, ultimately, to the underlying partners who are paying taxes on the income.

HIGHLIGHTED FEATURE: Operation Chain

ATWeb is the only solution on the market that fully understands the nesting chain that can exist within family offices and UHNW families.

With ATWeb, a client that has a trust that owns securities through a custodial account but also has an interest in a family partnership, which may then even have an interest in another family partnership or entity, understands the chain of nested ownership.

The value of the Operation Chain simplifies the presentation of nested relationships so firms can:

- Look up through the nesting chain to see indirect exposure to individual investments held by upstream entities
- Present a clear representation of interaction between companies and the propagation of P/L
- Provide reports to family members that present direct and indirect asset exposure
Manage Expenses from Cash Reconciliation to Automated Bill Payment

Each back office and operations team deals with specific daily tasks and responsibilities such as bill pay, vendor and invoice tracking, cash management and reporting. With ATWeb, your team can handle a variety of periodic tasks associated with traditional Accounts Payable activities. The Accounts Payable (A/P) Module enables the management of all aspects of bill payment for individuals/entities within the platform. The A/P Module allows authorized users to do everything from add/track vendor information and set up recurring bills and distributions to configure payment cycles, view credit card transactions and print checks.

To help simplify your day-to-day tasks, the A/P Module within ATWeb allows you to track expenses/bills paid to vendors. To ensure the foremost efficiency in your enterprise, ATWeb allows users to print checks by specifying details such as the print date and the type of check to be printed.

Within the Accounts Payable Module, users have the ability to:

- Cut checks directly out of ATWeb
- Incorporate workflows and approvals for paying bills
- Input and track investor distributions
- Integrate with the fee billing functionality in A/R
- Manage expenses across multiple entities with integrated check writing, wire transfers and ACH files
- Pay bills across multiple entities
- Record bills and process payments
- Tie bills to specific securities to affect performance

**HIGHLIGHTED FEATURE: Check Output**

ATWeb offers three ways to print checks:

- Print the entire check on blank check stock using a MICR cartridge*
- Print the check on pre-printed check stock which prints the date, amount, vendor, and memo
- Print all the information but exclude the MICR account information

There are several standard check stocks available in Accounts Payable:

- 3 Checks per Page MICR*
- Check on Bottom MICR*
- Check on Top MICR*
- Intuit Top
- Clarke American L416 Top

*MICR (Magnetic Ink Character Recognition) is a character-recognition technology used to print the routing number and account number at the bottom of a check.

**Workflow in ATWeb**

ATWeb’s Workflow Manager is integrated with the Accounts Payable Module to support payment approvals. Dollar value threshold tiers and approvers may be defined for each payment.

**Accounts Payable Reports**

Generate accounts payable reports out of the Reporting Module to view comprehensive lists of cross-entity bills, payments, vendor details and more.
Increase Efficiency with Client Fee Billing

Wealth management firms are all structured differently to support their unique client base. Each client’s assets, investments and entities are managed in various ways; some clients prefer full service investment management, others require assistance with manager selection. At the end of the day, no two clients are alike.

ATWeb was designed to offer you a variety of approaches for billing clients – whether it is a fixed fee, or basis points for each asset class, you can configure the fee billing engine to automate this recurring task for your operations team. With an embedded A/R Module, users can create a unique fee billing schedule that works with their client’s AUM and investment approach.

Within the Accounts Receivable Module, users have the ability to:

- Charge portfolios to specific accounts
- Customize a management fee invoice
- Designate specific entities and accounts for fee billing
- Determine the ‘bill to’ entity and the ‘bill to’ portfolio
- Exclude accounts from fee billing
- Incorporate a blended rate
- Integrate A/R invoices with the A/P Module
- Manage fee tiers with different rates for levels of AUM
- Set up the billing frequency (daily, weekly, quarterly, semi-annually, annually)
- Spread the invoice across multiple entities

HIGHLIGHTED FEATURE: Banking Output and Invoice

ATWeb offers you the ability to send an ACH or flat file to your custodian, allowing you to pay the invoice and generate the General Ledger transactions all within one solution.

In addition to this feature, users can create an invoice for capital calls within ATWeb so clients are notified via hard copy that a call for cash is needed to fund an alternative investment. Integrate this step with the use of the Investor Module for seamless processing across different modules.

Accounts Receivable Reports

Generate accounts receivable reports out of the Reporting Module to view comprehensive lists of customer invoices, customer statements, invoice aging and more.
The General Ledger is the core of ATWeb and surrounding the G/L are a variety of modules, each with their own capabilities. ATWeb offers a variety of additional functionality and secondary modules from which users may benefit. Among its many functions, ATWeb can be leveraged to track fixed assets, store documents, create budgets and more. With flexible transfers and gifting capabilities, a central disbursements account function, automatic booking of entries for due to or due from accounts and inter-entity loans, ATWeb was developed with many features.

### Asset Management
Utilize the **Asset Management Module** to record, track and depreciate assets. This module supports most commonly accepted methods and conventions of depreciation with user-definable schedules.

### Budgeting
Create, maintain and store multiple versions of a budget. **Budgeting** tools allow users to adjust account balances manually or by percentage variance. Budget at the entity, account, sub-account or individual level.

### Dashboards
Custom, interactive **dashboards** can be created at the enterprise or individual entity level. The specific modules/inserts on the dashboard can be selected from a list of options that depict everything from allocation and performance, to open bills and cash information.

Once selected, each individual insert can be further customized to reflect the preferred data view (e.g., graphical or tabular) or grouping (asset class, sector, security type) desired. Within each module, information can be sorted by the columns (in the tabular view) and then be drilled through directly to view underlying detail.

### Document Manager
The **Document Manager** functionality allows users to upload and organize invoices, reports, statements and other documents critical to the Enterprise. ATWeb allows the upload of multiple documents at once into a staging queue, where they can be associated to different locations across the system.

Sample stored documents may include:

- Brokerage statements from custodians
- Client statements for individual investors
- Invoices for purchased items such as art or antiques
- Monthly statements from hedge fund managers and brokers
- Partnership and subscription agreements
- Tax documents like 1099s

### Modeling & Rebalancing
The **Modeling & Rebalancing Module** within the platform supports the setup and management of various custom portfolio models for managing individual portfolios, including the construction of target allocation model as well as the input of min/max tolerance ranges for each defined category.

### Transfers & Gifting
**Transfers & Gifting** is used to manage contributions and withdrawals of contributed securities, transfers of assets across portfolios and entities and Free Receipt (Transfer In) or Free Delivery (Transfer Out) of tax lots.
About Archway

Over the course of the last decade, Archway Technology Partners, LLC ("Archway") has been at the forefront of the ultra high net worth consolidated accounting, investment management and reporting industry, by providing the single most comprehensive and powerful solution for empowering wealth management firms to more effectively and efficiently deploy, protect and grow client wealth.

Archway’s enterprise software and services suite has been purpose-built to serve the full universe of private wealth back, middle and front-office needs through a single, integrated technology platform. The proprietary platform supports performance reporting, complex partnership, portfolio and internal accounting capabilities alongside client fee billing, investment management and multi-asset data aggregation enabled by direct electronic integrations with the world’s leading banks and custodians. In addition to the operational platform, the state-of-the-art Veridium portal delivers end-clients and advisors an interactive, graphical and mobile-accessible view of the data and reporting.

Along with the extensive capabilities of the platform, Archway delivers industry-defining client service and adheres to rigorous data security. Rooted in the family office tradition of premium service and strict confidentiality, our solutions blend state-of-the art technology with disciplined operational processes and a highly-skilled support team that understand the unique requirements of managing complex wealth information. The superior quality of the support provided extends to our extensive, independently-verified security protocols. Our physical, systems and operational infrastructure have all been designed to meet and maintain the highest banking-quality confidentiality, security and availability standards at all times, at every level of security, from data encryption, to privacy and access controls, to personnel screening and disaster recovery.

One of the largest and most experienced providers, Archway is headquartered in Indianapolis, Indiana and has three additional offices located across the United States.

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