

ATIS - acarda Transaction Interface Suite

Increase the automation of transaction processing in your back office with **ATIS**. With **ATIS**'s rules based and intuitive user interface, the fund accountant or administrator can now check, automatically transform, enhance, duplicate, split what were previously manual transactions, such as options, foreign exchange, repos, dividends, claims, fees or cash bookings and forward them on a time based scheduled to the back office system for booking. Only defined exceptions must be individually processed.

acarda has long experience with the automation of fund administration. **ATIS** was developed with a flexible module design to process transactions automatically and within a rule based framework. Field-tested, **ATIS** has automated for our customers over 400,000 cash and 500,000 securities transactions a year. **ATIS** provides an adapter to the fund administration systems MultiFonds, HiPortfolio, as well as an export adapter to Xentis and SimCorp Dimension.

ATIS is a solution designed for automated rules-based processing of security and cash transactions.

Range of Functions

- Pre-configured processing of securities and cash transactions encountered in the day-to-day operations of the booking or settlement process
- Rule editor to process the transaction types-
- Take over of transactions from third party systems and depot banks, total banking systems, front-office and middle-office systems.
- Extraction of the data through standard adapter types (database, Excel, Txt, XML)
- Test, transformations, duplication, re-bookings, enhancements
- Contract logic evaluation of futures, options, foreign exchange and securities lending
- Matching, e.g. of dividends and claims
- Automated, rules-based and time-controlled release procedure by transaction type, funds, fund groups or back-office system
- Automatically import of transactions into the loading tables of the back-office system to generate the bookings
- Generation of reports (PDF, Excel, HTML) and E-mails dependent on status (workflows) and audit logs
- Status concept with feedback and warning and error alerts

Coverage (securities and cash transactions)

- Securities: stocks, bonds, futures, options, spot and forward foreign exchange transactions, fund shares, zero bonds, repos, securities lending and swaps
- Cash: coupons, dividends, management fees, performance fees, account interest, depository fees, third party development fee, depot bank fees
- Further transactions types can simply be configured

Benefits and added value

- Increase the STP Rate of bookings (reference: > 90%)
- Dramatic decrease in the time need to book transactions
- Increase the output (fund and transactions) per employee in fund administration
- Decreased risk of a false fund price - reduction in expenditure on material
- Increased amount of flexibility in fund administration - increased customer satisfaction
- Extensive automation of previously manual processes.

About acarda

acarda is based in Frankfurt and Luxembourg, and operates across Europe. **acarda** was founded in 2006 as a partner-managed business and IT consultancy, and concentrates on the investment management areas of brokerage, fund industry and custody.

acarda was involved in more than 25 projects for clients in Luxembourg, Austria, Liechtenstein and Germany in 2010.

acarda is a member of the funds and brokerage associations BVI, ALFI, SWIFT and bwf, and works in partnership with a wide range of standardisation committees within these associations.

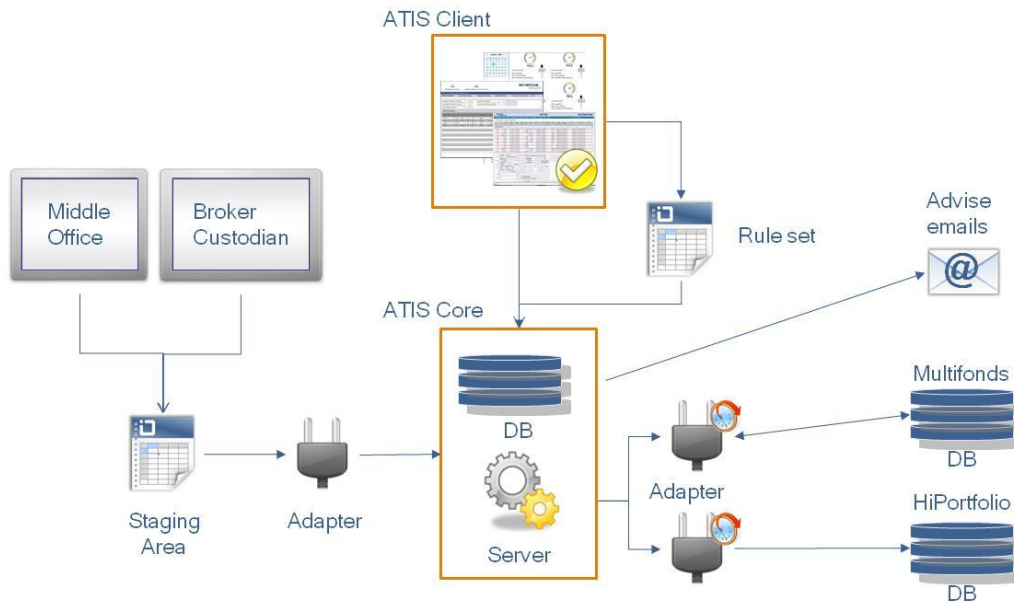
ATIS References

- **Union Investment, Frankfurt & Luxembourg**
In production with ATIS 2.0 since May of 2009. Around 4,000 daily transactions processed, almost 90% fully automated.
- **M.M. Warburg, Frankfurt & Luxembourg**
In production with ATIS 1.0 since December of 2007. Around 300 daily transactions processed.
- **LGT, Liechtenstein**
Design and testing of the transaction interface between the banking and fund accounting system

Further information on our reference solutions available on request.

Automated Transaction Processing

ATIS acarda Transaction Interface Suite



ATIS Transaction Cockpit

Rules-based monitoring and controlling for all transaction types.

ATIS controls and monitors all incoming transactions by:

- using a configurable rules-based modeling of tests.
- marking transactions, where manually intervention is necessary.
- a configurable security concept at the fund and booking level.
- flexible reports.
- a built-in adapter to various back office systems for processing the default adapter formats.

ATIS - User interface for transaction cockpit and process controlling

- User administration
 - Based on user groups, fund groups and user profiles.
- Monitoring
 - Selection options for all transactions.
 - Status display for transactions
- Process control and rule administration
 - Define new automatisisation rules
 - Define new processing time by fund group and transaction type
 - Confirmation of warnings by administrator
 - Add comments or operating instructions
- Error handling
 - Indicates open positions with error marker
 - Displays incorrect reference data
 - Amount of differences (rounding difference)
 - Fund equivalence
 - Double check
- Change in status of a transaction to
 - Manual booking
 - No forwarding
- Browser compatible client
 - Implemented with state-of-the-art technology

ATIS Process Controlling

Rules-based transfer by

- Fund groups and funds
- Transaction or security type
- Cancellation processing
- Destination system

Processing time

- Forwarding only within specified processing times
- Floating-state outside transaction times

Tests, e.g. on booking date

- Determines whether the booking date of the fund has been increased

Fund freezing

- Freeze a single fund
- Freeze individual countries or jurisdictions

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