

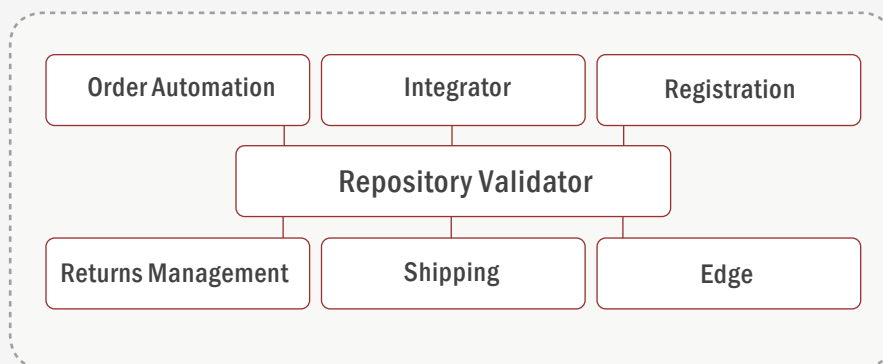
# Athena



## Security Logistics Software

- > Athena is a software package delivered by Verisec for the life cycle management of security devices such as one time password generators (tokens), smart cards and PIN envelopes.
- > Supports the processes relating to ordering, distributing and returns handling of security devices.
- > Is designed for banks or service bureaus wishing to efficiently mass deploy tokens, readers or other security devices requiring traceability.
- > Enables the bank at a later stage to outsource logistics services, since all the necessary historical data can be exported to the outsourcing partner.
- > Proven technology used in day-to-day deployment of 3+ million end users in the north European market.

Athena modules include:



### Athena Integrator & Repository

The core components of the Athena product are the Integrator tools, Repository and Validator.

Integrator includes administrative tools, instructions, training and API's for integration with ERP systems, procurement systems and other external parties' systems. Data is stored in a repository, e.g. MS SQL server database.

The Validator software, residing on the server side, is configured to validate input-data such as batch numbers, serial numbers etc.

Each unique serial number is treated as an article, allowing tracking of each individual unit throughout its lifetime. Each event such as programming, delivery or return is tagged to the serial number allowing detailed analysis and reporting.

### Athena Registration

The Registration module handles entry into the system of readers, tokens and other related materials received in stock. It keeps track of each stage of product refining, such as tokens which have been programmed, in order to provide accurate information of production status. Registration can be configured for batch or individual input.

## Athena Edge

Edge is the decision support module including reporting (such as time reports, Quality Assurance, Returns handling, Analysis and forecasting information). Athena Edge offers the bank or service provider the necessary statistics for planning, order and cost optimisation (e.g. lead time as a function of method of transportation).

Ready made reports in accordance with EU Directive 2002/96/EC on waste electrical and electronic equipment (WEEE) are available as standard components in the Edge module.

## Athena Returns Management

The Returns module can be integrated with the banks or service partners purchase system or intranet such that RMA numbers and waybills can be generated automatically. Ensures that RMA shipments can be optimised in terms of costs in addition to being tracked and monitored from the end user to the returns facility.

Each device can be scanned using the bar code or manually entered into the system. The Returns module is configurable to manage device or vendor dependant error coding as well as inputs required by EU Directive 2002/96/EC on waste electrical and electronic equipment (WEEE)<sup>1</sup>.

Data entered into the Returns module is stored in the central repository and can be correlated with data provided through other modules and reported in the Edge module. Information related to warranty or internal accounting purposes can also be generated in addition to lists of serial numbers.

## Athena Order Automation

Through the Integrator module, orders can be automatically entered into Athena via mail, XML, PDF or any other structured format. Orders can be automatically parsed into the central repository and generate a work order (e.g. programming, packaging, shipping). By avoiding manual routines, the risk for errors is minimised.

## Athena Shipping

Shipping can be connected via the Integrator API's to external transport companies such as a local postal service or DHL. A work order to deliver one or multiple articles results in a packing instruction and is followed by shipping instructions. Integration with external parties allows end-to-end tracking of packages with individual tracking numbers which can be automatically sent to the addressee.

## Additional Modules

Security devices may require initial PIN codes, PUK codes or equivalent. Athena has been tightly integrated with Verisec product Pinelope. An order placed into Athena may result in encrypted export files to Pinelope used for PIN envelope production. By tracking orders through Athena a service bureau can track orders for PIN envelopes through the same interface thereby allowing analysis, reporting and follow-up through the same interface.

<sup>1</sup> Includes but not limited to weight, total number collected items, number of reused items, and number of recovered/recycled items

*"Verisec helped us re-engineer some of our complex IT processes. Today Verisec can plan production cost efficiently ahead of time and save personnel costs, which in turn has lowered the total cost for the Internet bank."*

**Christer Samuelsson, CIO of SEB**



### ABOUT VERISEC

Verisec is a world leader in providing end-to-end solutions for mass deployment of security devices.

Verisec delivers measurable value through software solutions, services and outsourcing.

