

HMS is proud to present: “RAS”

RAS, a Robust Data & Business Logic Quality Suite, provides a single integrated platform for end-to-end data & business logic quality Implementations, from design and planning to ongoing monitoring.

HMS, Halperin consulting Group, is considered ISRAEL's leading IT consultancy firm for the financial sector and RAS is the product of 20 year of accumulated experience and know-how.

This end-to-end solution provides clear and immediate value for both business and IT users.

RAS is widely used by HMS professional services teams within the following Industries:

- Banking industry
- Insurance & capital industry
- Utilities
- Municipalities
- Large Enterprises

RAS Business Solutions:

- **Data Governance**

RAS allows organizations to easily plan and successfully implement Data Governance strategy. RAS provides continues monitoring facility, including scoring mechanism and sophisticated alerts.

RAS controls the accuracy and completeness of the organizational data and business logic, across all data sources.

RAS enables organizations to keep the disciplines and accountabilities in order to make accurate business decisions and preserve their competitive strength.

- **Regulation Compliance**

RAS helps organizations to achieve regulatory compliance by identifying, improving, maintaining and reporting the relevant data and business logics according the regulatory requirements. RAS assists to validate **Basel II, Solvency II, Anti Money Laundry, FATCA** and potentially all data quality related regulations.

- **Audit & Control**

RAS provides a flexible framework, using an enhanced rule engine to apply audit and control to the organizational data and business logics, derived from the IT processes and calculations.

RAS contributes to successful ongoing Audit & Control processes, regardless their complexity.

RAS has an impressive reporting tool with drill down capabilities.



RAS stores all results with full audit trails, accompanied with a unique scoring mechanism. These matching and scoring capabilities to previous results are crucial to the enforcement of internal data governance policies.

- **Business Data Optimization**

RAS enables organizations to automate, manage and maintain clean, integrated and enriched data for business key assets such as Customers, Products, Vendors and Employees.

Consequently, RAS contributes to enhance marketing and sales, to reduce costs, to increase operational efficiency, and to establish a quality decision-making process in organizations.

RAS IT Solutions:

- **System & Data Migrations QA -**

RAS offers a robust validation and assurance solution from simple to complex system and data migration processes, across all platforms.

RAS assures complete, accurate and successful migrations processes.

RAS contributes to mitigating the risks resulted from migration processes, setting and monitoring clear acceptance criteria.

- **Master Data Management**

RAS provides the means to achieve overall accurate view of the organizational Data, and Data structure, regardless its platform or sources.

RAS Automates manual processes associated with assessing, cleansing, linking and managing massive volumes of data, helping to reduce the organizational costs and increase operational efficiency.

- **Data Quality and Business Logic Quality**

RAS allows a single point of control for organizations to analyze, correct, cleanse and enrich all types of organizational data.

Qualified data and business logics support enhanced business focus, business processes and decision-making across all organizational departments.



RAS Suite

RAS is a unified, flexible and user-friendly data & business logics quality suite, designed for efficient implementation of any quality process.

RAS connects to all Data Base types and other Data Structures sources through standard ETL/EAI tools.

RAS suite is complying high data security standards, including Active Directory authentication and internal authorization hierarchy.

RAS introduces powerful rule engine, monitoring and reporting tool and sophisticated alert engine.

RAS Modules

RAS - DPM (Data Profiling Module)

RAS DPM provides insight and consolidated view of organizational data scope, structure, formats, relations and statistics.

RAS DPM allows users to discover and assess the initial data state, shape and quality before beginning any planned initiative, policy enforcement or project or migration.

RAS DPM discovers absent, incomplete, inconsistent and redundant data, data exceeding predefined limits, data patterns and the internal data relations across all data sources.

RAS DPM not only validates the data initial state, but also support continues data quality and data governance processes.

RAS DPM allows users to either link, or define and manage internally the organizational infrastructure tables, as part of the profiling process.

RAS –REM (Rule Engine Module)

RAS REM introduces a unique rule engine for validating data and business logics quality assurance, expanding the RAS scope of solutions, over purely data quality solutions.

RAS REM provides a two-tier rule engine, allowing non-IT users to set up simple to very complex rules, using a friendly interface.

The first tier is a SQL based rule engine wizard, to set up rather simple business rules, data restrictions and exceptions.

The second tier is an advanced rule engine to set up business logic calculations, achieving benchmark results to any legacy or management system calculations or internal business processes. The second tier combines routing and decision tables.



RAS - DRM (Dashboard & Reporting Module)

RAS DRM is a strong dashboard viewer that presents the results of applying the RAS rules and controls, accompanied with strong and flexible reporting capabilities.

RAS DRM contains an internal workflow to support multiple iterations of RAS controls, accompanied with internal scoring mechanism, advanced drill down capabilities, exception management screen and reporting tools.

RAS – SAM (Sophisticated Alerts Module)

RAS SAM provides a sophisticated to create alert rules and routing module, based on RAS results and exceptions. All RAS alerts and their treatment are stored as part of the internal workflow.

RAS SAM manages reception lists, or retrieves them from Active Directory.

The SAM distributes the alerts via mails and SMS.

RAS – IOM (Internal Operational Module)

RAS IOM is an infrastructure module that controls RAS API connectivity to DB and data sources.

RAS IOM schedules and runs the orchestra of RAS DPM and REM, applied to the data modules.

RAS Roadmap Modules in Development:

RAS – DGP (Data Governance Policy)

RAS DGP is a roadmap module in development that provides a unique platform for defining and documenting the organizational data governance policy.

The module provides the linkage between the defined data policy and the associated RAS rules that were created using RAS REM (both tiers).

RAS - DCM (Data Cleansing Module)

RAS DCM provides user-friendly tool for manual cleansing of bad data and business logics calculations that RAS discovers, traces and reports to the users.





RAS DCM allows exporting the cleansed data back to the originating system.

