

suite refine™

LEGACY CHANGE MANAGEMENT

Turn your legacy towards to future

Four code analysis & transformation solutions to give your applications a boost. With the Refine™ suite, get your legacy to evolve.

How to assess and decide the future of my applications on the basis of a set of objective criteria ? How to simplify applications that are too complex ? Can I modernise my strategic applications ?

Existing systems are too complex

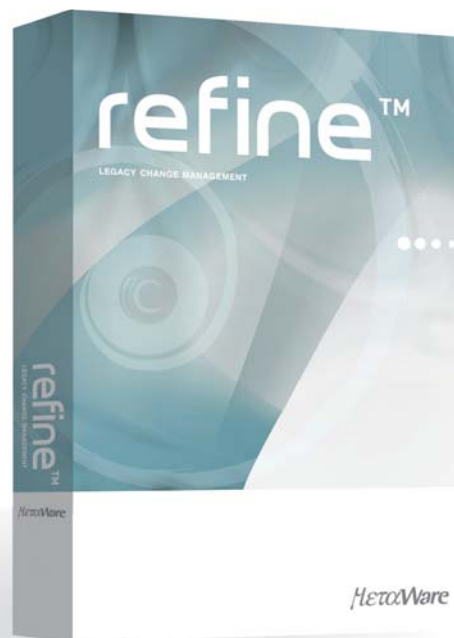
Because developments occur in layers according to needs and projects, thus creating fortuitous architectures, redundant data and functions, specific software are often very complex. To which is added the problem of knowledge drain and the risk of platform and language obsolescence.

They are also too costly

This complexity has a price, on the one hand the cost of maintenance which quickly increases with the inappropriate measures, and on the other hand the inability to evolve: the incapacity of a system to respond to new market stakes in an acceptable time period.

The Refine™ suite, a modernisation offer tested by the conversion of billions of code lines.

MetaWare is offering its clients and partners Refine™ software suite, derived from industrial converting workbench and used for all its re-platforming projects.



> Available environments

- IBM zOs
- BULL GCOS7-8
- UNIX

Other environments on request.

> Key figures

70% of surveyed companies state that they have redundant, defective or obsolete applications.

40% of businesses estimate spending more than 10% of their IT budget on these applications.

> What analyses show

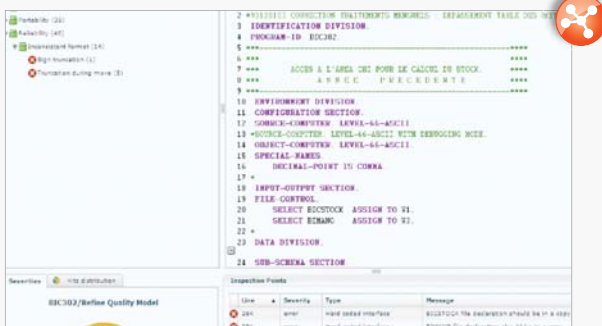
Up to 25% of maintenance costs result from the complexity of programmes and systems.

> 4 SOLUTIONS TO CONTROL THE EVOLUTION OF INFORMATION SYSTEMS

Analyses solutions

Can you appropriately visualise your legacy applications to manage its future ?
Do I have cost reduction pools ? Which applications are suitable for sourcing or modernisation procedures ?

REFINE™ Assess & Analyse



Continuous knowledge

Refine™ Assess & Analyse helps you to focus your efforts. It's an « accelerator » of understanding since, in order to decide of the becoming of existing applications, it is first necessary to evaluate their capacity to evolve and adapt.

Refine™ Assess & Analyse reduces the time necessary for the inventory and diagnosis of existing systems. It conciliates an automated code inspection on the basis of quality metrics and the collection of external data to help decision-making.

Do you wish to check the quality of delivered products ?
Do you wish to check the portability of your applications ?
How to determine the quality of your legacy before outsourcing maintenance ?

REFINE™ Instant Quality Check



A turnkey diagnosis

At any time, you may ask our experts from the « Code Center Factory » to sound out a part of, or your whole legacy, on the basis of your quality objectives.

With the Instant Quality Check offer, our experts will help you quickly define the metrics necessary to measure your objectives and will deliver the appropriate analysis results regarding the compliance of your applications.

You will need to provide your application code to the « Code Center Factory ». You will then possess all the inspection potential of the Refine™ suite as well as our best expert consultants in charge of analyses and recommendations.

> Powerful graphic representations at different levels

The « views » offered by the Refine™ Assess & Analyse solution respond to the needs for detailed analysis as well as a those for a synthesised vision.

> A quality charter adapted to your needs

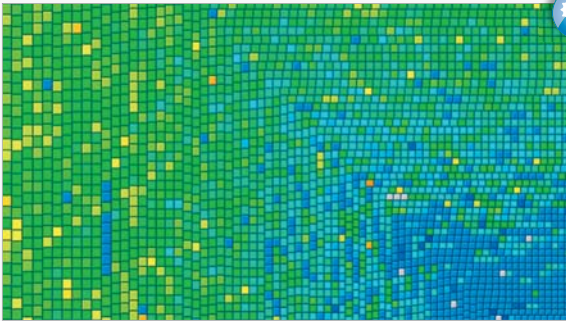
The Refine™ suite allows you to add new quality metrics and new control points. Refine™ Assess & Analyse produces customised audits, with a set of standard quality models. The Instant Quality Check offer

encompasses a first step during which your quality charter is determined according to measures, controls and thresholds adapted to your needs.

Evolution solutions

Refine™ transformation solutions rely on a powerful « reverse-engineering » technical environment (volume processed, nature of analyses) which is reliable and precise (control of anomaly levels) and is itself based on a CBMS (Code Based Management System) technology to provide greater understanding and handling of the language components of IT legacy. .

REFINE™ Modernisation Solutions



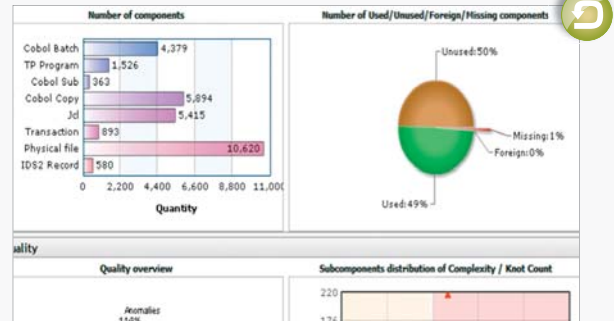
Automate your transformations

The CBMS technology, derived from Reasoning, which MetaWare has developed over the last ten years, is used for applications analysis (complexity, links, ...) and their graphic representation. It stores the code in its native format and provides dynamic means to query and handle data.

It is then possible to automate transformations such as :

- **code restructuring**
(removal of obsolete syntax, dead code, ...)
- **mass transformations**
(domain extension, internationalisation, ...)
- **conversion of languages** or databases
- **retrieval of knowledge** and business rules for an SOA evolution

REFINE™ Application Management

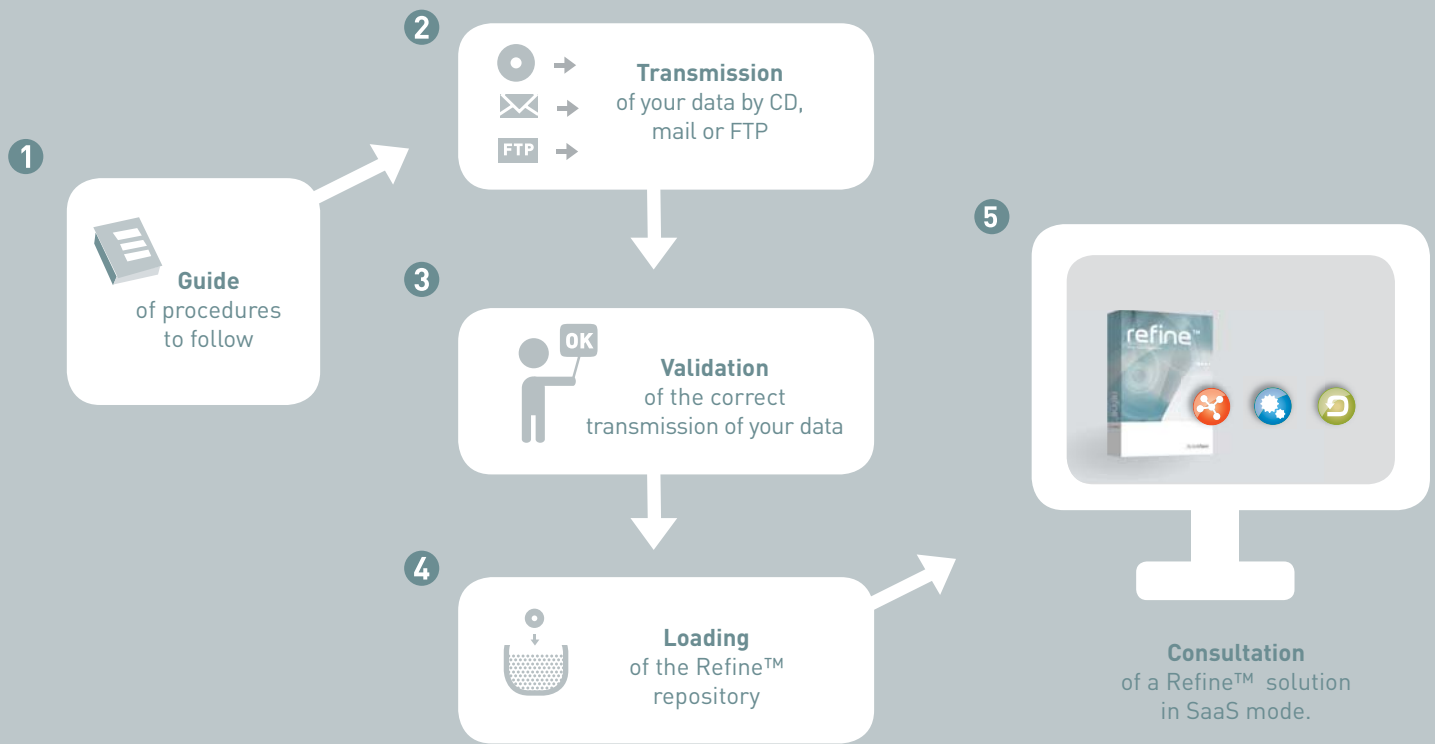


Industrialise your maintenance

With such great capacities of automated analyses and transformations, the complexity of existing applications can constantly be reduced, the recognition of evolution needs simplified, the quality of the product code enhanced, and a legacy set in a cycle of industrial evolution. As such, production and quality means are both systematised.

Refine™ Application Management enables the understanding and the simplification of the complexity of existing systems through the following functions :

- **analyse and reporting**
- **a 360° view** depending on analysis perspectives
- **impact analysis** for all evolution queries
- **« extended knowledge » functions** :
encyclopaedia, data dictionary,
rétro-documentation, etc.
- **renovation functions**
- **allotment functions**



> IMPLEMENTATION OF THE REFINE™ SUITE

➤ PRELIMINARY STEP

Before attaining the functionalities of the suite, the source codes must first be initialised in the Refine™ repository.

Our consultants will inform you of the procedure to follow to transmit all the necessary elements. This information can be passed on by CD, FTP or secured mail. It is then checked and loaded by a MetaWare consultant.

For all standard environments, the initialisation of source codes in the repository is included for all purchase of a Refine™ suite application.

the results. You can then access a service either through a subscription or through occasional interventions.

The infrastructure remains with MetaWare, after the initialisation of the repository code, all required applications are accessible via a secured portal. The user-friendliness of the interface guarantees a rapid familiarisation of the software. Thus, you'll waste no time in learning the complexities of code reengineering and will be able to focus on the most important : access to understanding your applications and the means to execute high value-added transformations.

➤ IMMEDIATE SERVICE : NO INSTALLATION, NO DISPLAY AND NO TRAINING

Following this initialisation, you have immediate access to all the functionalities of the suite via web interfaces. All Refine™ products are available in a « Software As A Service » mode. The « SaaS » mode allows you to focus on value-added services rather than the infrastructure necessary to achieve

➤ PROFESSIONAL SERVICES AT YOUR DISPOSAL

Because all business needs are specific, there is no systemised technical environment. Our legacy modernisation expert consultants will provide concrete and pragmatic answers and solutions to your most specific queries and requirements.

> Refine™ Architecture

The Refine™ interface is based on an open source architecture with a Web 2.0 RIA (Rich Internet Applications) interface which gives it great flexibility and guarantees multiplatform access. The Refine™ architecture is structured around a centralised code repository which holds the configuration management and is open to external data sources related to the applications.

> A quality service

In addition to the standard registration to MetaWare services, you can subscribe for backing from our experts who will be responsible for coordinating all the resources necessary to meet your requests.

> For more information, www.metaware.fr

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