



your project controller

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MILEMATE! is the application that manages all aspects relating to the project control activities.

Born from multiple worldwide experiences in the EPC projects management, MILEMATE! is the indispensable solution designed to meet any needs for the physical progress, accounting reporting, quality documentation management and the handover procedure for each job.

MILEMATE! is useful for any project providing endless logical views and progress weighing methods; his goal is to minimise the inputs and maximise the reporting according to all project's stakeholders requirements.

With MILEMATE! is possible to easily manage:

- Physical progress
- Accounting progress (for active and passive lump sum projects)
- Quality certificates monitoring (mechanical completion activities)
- Pre-commissioning and commissioning handover checkpoints
- Accounting work in progress status (for active and passive unit rates projects)
- Yield analysis
- Project costs

What can MILEMATE! do

MILEMATE! is designed to help companies to control the EPC project phases. It can accomplish this goal by applying the physical progress measurement method, managing the job active and passive accounting status and, at the same time, tracking all the required certificates for mechanical completion oriented to the pre-commissioning and commissioning hand over procedures.

Thanks to his flexibility, MILEMATE! can organise the projects according to their technical and operating requirements, by setting up several hierarchical structures through which is possible to monitor the earned progress. These endless logical views can be arranged in a multi-level layout. To each element of them is possible to assign a relative weight (percentage, physical quantities or shares of lump sum contractual amounts) that allows to evaluate the project according to different criteria.

In this way, it is possible to monitor the contract from every point of view by handling the information once, without forgetting any stakeholders' requirements.

The entities can be characterised through several attributes, which are defined at different levels (enterprise, project or class). These attributes allow exploring and analysing the project according to the relevant aggregated views.

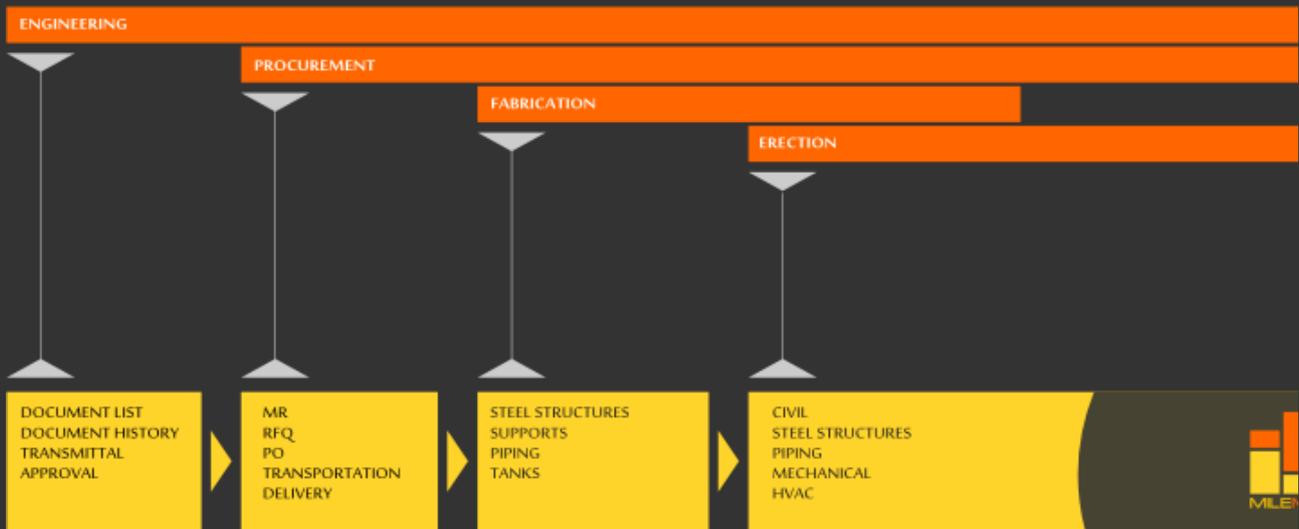
Through a powerful reporting system, MILEMATE! can compare planned, actual, earned and forecast data by browsing each attribute or structure.

MILEMATE! is able to handle the manpower and the physical quantities that represent the work to be realised (expected, actual, earned and "to complete"). In each of these contexts is achievable any kind of analysis and comparison between the yields.

Thanks to the documental module, it is possible to manage a certificated progress in order to meet the needs related to the handover procedures. Each document is viewable from both the list and the progress grid.

The "not applicable" feature allows to exclude the not needed steps: in this case, MILEMATE! recalculates the planned and the actual information in order to ensure the progress reports coherence.

Project life cycle



Physical progress and scope of work

Through the progress breakdowns, the 100% of every work process is broken down into steps suitably weighed; each step is characterised by its measurement method.

Every progress breakdown interacts with the management structures and the planning activities. The relations between the entities and their progress breakdowns represent the scope of work through which the planned quantities and the man-hours are managed.

The progress is computable by entering the earned value for each scope of work's step. Each breakdown step has its own measurement method:

- As a percentage
- As a quantity
- On/off
- Validated with document or document status
- Validated with another entity
- Validated with another entity and earned step
- Calculated with rollup by other entities earned step

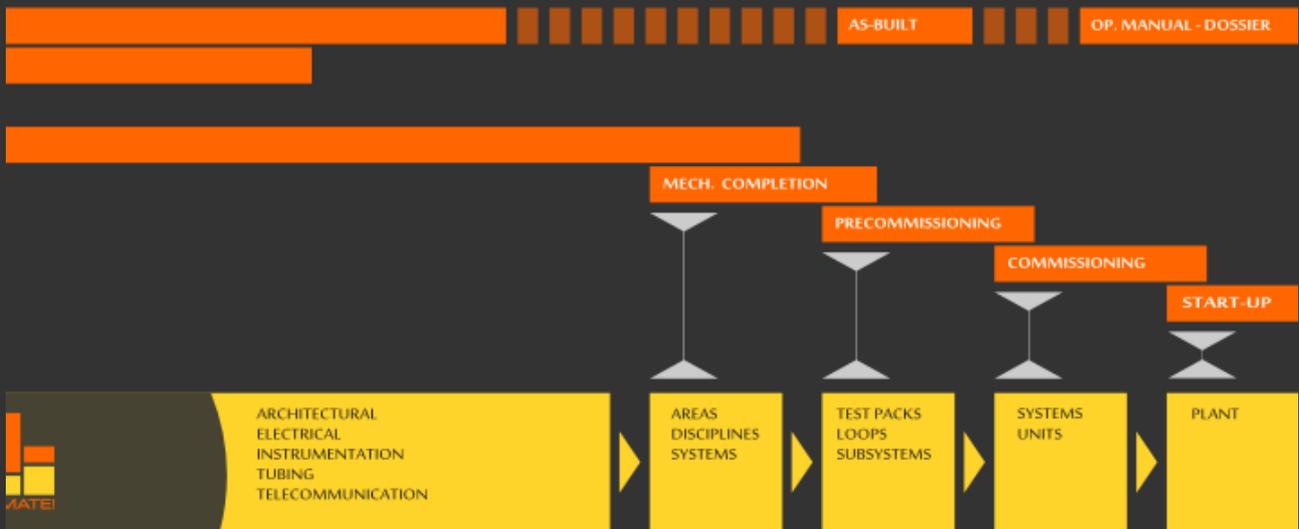
In order to satisfy the different customer or subcontractor's progress calculation methods, it is possible to define alternative weights for every step selectable in each report parameter set.

Planning and monitoring the progress work

According to one or more schedules, MILEMATE! allows to control the earned progress. The schedule activities, characterised by its relevant start and finish dates, duration and calendar, is related to the entities' scope of work.

Through these relations, MILEMATE! is able to plan and to monitor quantities and man-hours for each user-defined schedule and compare them with the earned values.

MILEMATE! generates reports (graphs and tables) from any project structures nodes as well as the attributes nodes (enterprise, project or class).



Accounting and costs

MILEMATE! handling several multi-level price breakdown structures linkable to the scope of work.

The lower node of these structures can be related to one or more price classes according to the contract revision or the cost escalation.

For each item, it is possible to define the unit prices, expressed in the needed currencies, and based on quantities or man-hours.

MILEMATE! processes the accounting report according to the equivalent earned or actual quantities and man-hours.

This module is also configurable as a cost control tool. Crossing the physical data with the planning and the price breakdown structures, MILEMATE! generates reports representing the project's cost status.

All the main indexes (CPI, SPI, etc.) are available and they highlight the performances for each attribute, user structure or any other user-defined view.

Revisions

The revisions module contains project's snapshots relevant data that can be analysed in a specific comparison reporting. For each project can be created several revisions according to:

- Relative weights of the project structures
- Forecast quantities and earned progress
- Quantities for each price list item
- Planning data

As a result, the project can be evaluated according to different configurations. This module thus enables MILEMATE! to:

- Keep track of the historical data revisions
- Analyse alternative data (budgeted or revised quantity/man-hours, revised schedules, etc.)
- Simulate future scenarios

Responsibility management

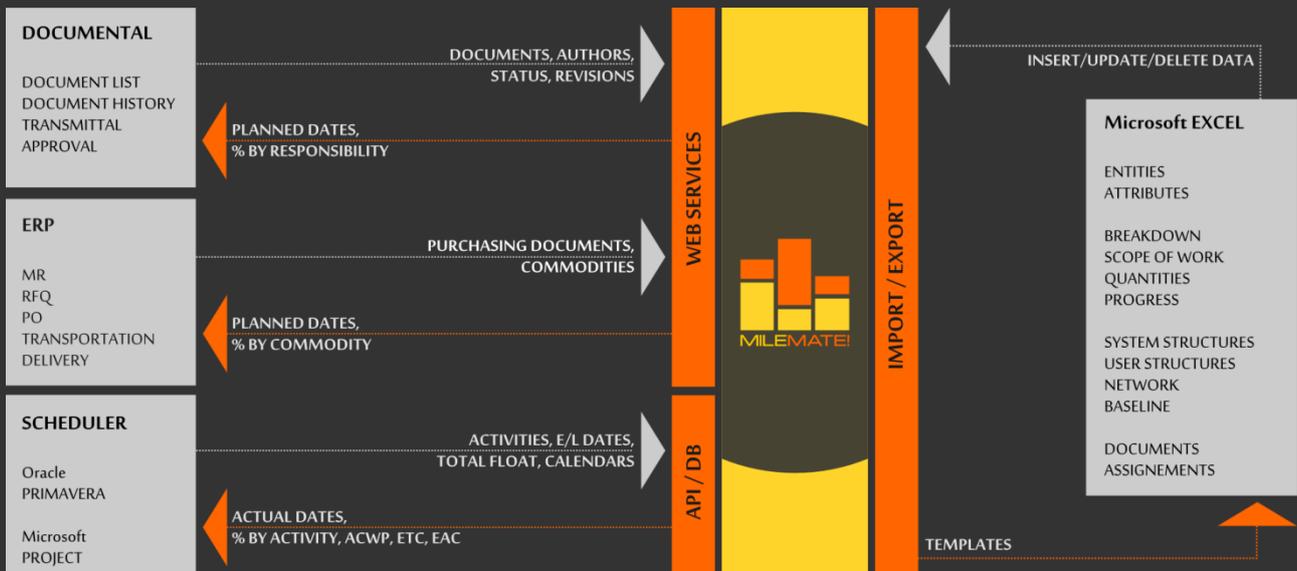
MILEMATE! responsibility structure allows to manage the hierarchical organisation of the companies involved in the project. Through this structure, MILEMATE! is able to handle users such as contractors, subcontractors and partners in order to access the part of their scope of work.

The owner has permits to view the whole project data as a read only profile.

Connectors and interfaces

In MILEMATE!, the user interface is designed in order to allow the export and the import of the contents of every form. Through specific templates the authorised users can insert, update or delete data. Using Microsoft® Excel is possible to manage catalogs, planning and production data, attributions data between values and entities' scope of work.

The MILEMATE! interfaces processes consists in a web-based services and they are able to guarantee the data integration between them and the other software packages like ERP, document management tools and schedulers.



To reduce the data elaboration time, the MILEMATE! grids come equipped with the smart-paste utility. Thanks to this feature, the work becomes more easy and intuitive.

Statistics

In order to meet the top management needs, MILEMATE! exposes a specific module for managers and executives. The statistics module allows observing the project from a higher point of view avoiding the detail analysis. In this section is possible to define specific indexes that provide, to the top management, several dashboard views.

Web portal

As for the statistics module, MILEMATE! web portal is designed to enable the project analysis on the Internet network. This portal allows to the top-management to inquiry in any time the production's database and generates the main reports, browsing in the various dimensions of the project.



SISCO MANAGEMENT & SYSTEMS s.r.l.
via del bijou,21 - 26041 Casalmaggiore (CR) - Italy