

AMS REALTIME PROJECTS

Planning the future

AMS REALTIME Projects is a sophisticated management planning and scheduling software solution that supports single and multi-project techniques in standalone or enterprise environments.

Unlike many other software systems of this type, **AMS REALTIME Projects** lets organisations manage and consolidate shared, time-phased resources, so companies can implement key performance measurements. Instant time and cost visibility is achievable as a project evolves. Defining or modifying activities, assigning resources and creating professional graphic reports is as easy as a few clicks of the mouse.

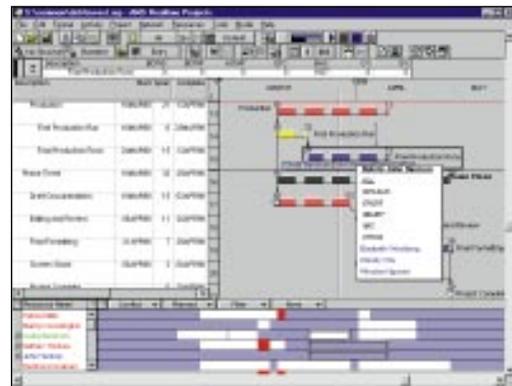
Combining simplicity with power and flexibility, **AMS REALTIME Projects** has an easy-to-use Graphic User Interface (GUI) that allows users to create projects on screen quickly and easily. Data is accepted and displayed as bar charts, network diagrams, histograms, tables, or any combination of these.

Providing common access and functionality across multiple platforms and several data repository options (SQL or ODBC), **AMS REALTIME Projects** lets organisations maintain their investment in existing hardware, with seamless integration of their project data from proprietary software or databases.

The reporting module of **AMS REALTIME Projects**, **AMS REALTIME Vision**, is an industry-strength graphical tool that facilitates the reporting of statistical data as easily understood graphics.

AMS REALTIME Vision allows the inclusion of user defined borders, logo and legends through a built-in drawing tool. Finished reports can be previewed on screen. Annotation can be added to any page allowing key concerns to be clearly highlighted.

AMS REALTIME Projects has the most flexible calendar definitions of any on the market. It allows scheduling in units from seconds through years. Calendars can schedule against the organisation's fiscal calendar, including the definition of accounting periods for summarisation of resources and costs.



See tasks against the calendar in Gantt form with the unique resource conflict view that identifies over committed resources.

In addition to the normal 5 day work week, working cycles can be user defined, allowing complex work patterns that repeat over several weeks to be defined. Any calendar can have an unlimited number of holidays as well as exceptions to days that would otherwise be considered non-working in the cycle. When necessary, the entire calendar can change allowing periods of mandatory time to be scheduled in to ensure deadlines are met.

Activities can be scheduled on any calendar and each resource can have its own working calendar as well.

AMS REALTIME Librarian simplifies centralised project management. The licence server provides concurrent user services and client/server access control to projects. Group rights provide users with specific access to projects. Projects or templates can be loaded and stored in one of three ways:

- 1 On local or network drives as native files
- 2 In a Librarian centralized database
- 3 In Oracle or other SQL database repositories

No other system allows users this amount of storage flexibility and control.

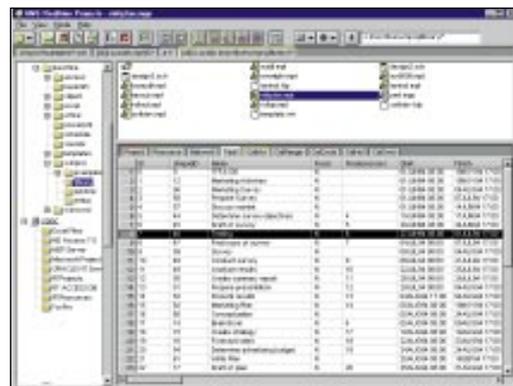
A look at some of the detail...

AMS REALTIME Projects can be used to plan work in spreadsheet, PERT, or bar chart mode, as it provides the most powerful GUI of any product.

Networked schedules can be constructed, from which a critical path is calculated in real time as activities and constraints are manipulated.

Resource utilisation is also calculated and displayed in real time, and a resource leveller can be invoked to show possible alternatives to meeting a schedule with

minimum overload. Cost information can be specified, so that earned value calculations can be made automatically.

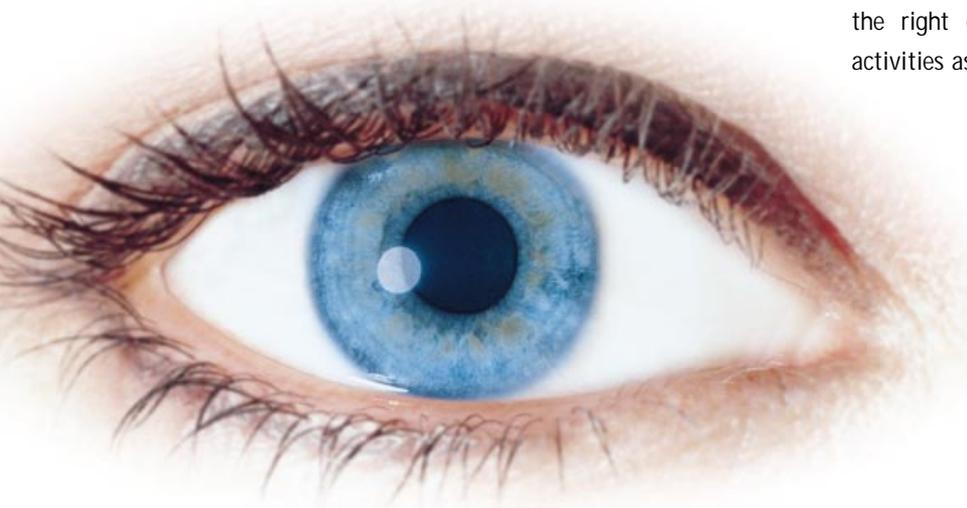


Activity	Start	End	Duration	Resources	Cost	Progress
1	01/01/00	01/01/00	1	1	1000	100%
2	01/01/00	01/01/00	1	1	1000	100%
3	01/01/00	01/01/00	1	1	1000	100%
4	01/01/00	01/01/00	1	1	1000	100%
5	01/01/00	01/01/00	1	1	1000	100%
6	01/01/00	01/01/00	1	1	1000	100%
7	01/01/00	01/01/00	1	1	1000	100%
8	01/01/00	01/01/00	1	1	1000	100%
9	01/01/00	01/01/00	1	1	1000	100%
10	01/01/00	01/01/00	1	1	1000	100%

AMS Librarian acts as a centralized location for all project information, allowing direct access to MS Project, Oracle or any ODBC data source

AMS REALTIME Projects has the most flexible summarising techniques of any management software. Automatic WBS, OBS, Phase and ad-hoc roll-ups are defined and supported.

Roll-ups include start and end dates, resource utilisation, costs, technical progress and performance measurement data. Various options allow different methods for applying different weights to progress and performance information from individual detailed activities, allowing the right emphasis to be placed upon the critical activities as they are summarised.



MANAGING THE PRESENT...PLANNING THE FUTURE

Supporting both multi- and sub-project models, **AMS REALTIME Projects** can be used to provide both high-level summaries or complete detailed reports. Inter-project constraints can reflect complex interdependencies between organisations.

AMS REALTIME Projects has the most flexible resource model of any on the market. Resources can be scheduled in units of minutes right through to months. They can be specified as a fixed or varying level of effort over time, a total requirement which will automatically calculate the required effort as the duration of the activity is changed; as an effort driven resource, changing the activity duration as the level of effort is changed; or as a spreadsheet indicating the planned expenditure of resources, period by period over the activity.

Depletable resources such as inventory or budgets can also be modelled. Arriving shipments or newly allocated budgets can replenish these resources.

AMS REALTIME Projects can be used with **AMS REALTIME Resources**, the resource planning and time collection tool that brings project and resource management together in the first real matrix management solution that supports planning, tracking and reporting at all levels of the organisation.

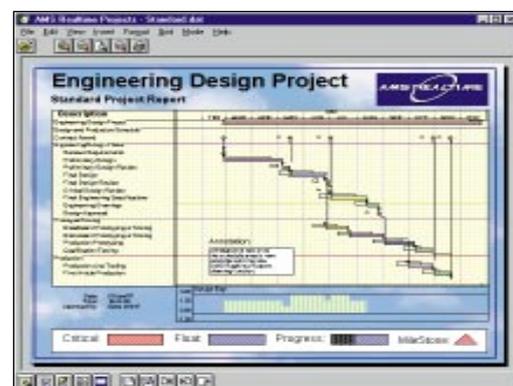
Activities can be linked to external documents through OLE links, allowing related information to be at your fingertips while updating the plan. This may include status reports, supporting spreadsheets, detailed specifications or any other relevant documents.

AMS REALTIME Gateways allow for free data interchange with other standard project management tools such as Microsoft Project. This ability allows the seamless integration of information from other sources.

Furthermore, information held within **AMS REALTIME Projects** can be accessed by users of Microsoft Project, allowing **AMS REALTIME Projects** to act as the central repository for schedule and resource information.

High quality standard or customised reports are generated through a visionary publishing module which allows the inclusion of logos, clip art and text annotations. Reports are designed graphically on screen with a built-in drawing tool. The background can be textured or wallpapered with a watermark, giving a professional feel.

The first and last pages can be completely different from the middle pages, allowing for a title page at the front and a summary page at the end.



A report being constructed graphically on screen. A wide variety of metaframes and metastrings are available to chose from, accounting for virtually any desired report.

Platforms

- PC (Microsoft Windows 95, NT, 3.x and OS/2)
- Apple Macintosh
- UNIX (X-Windows, Motif) Sun Solaris or SunOS HP UX version 8 or later IBM RS/6000 AIX 3.2 or later Data General DGUX AT&T/NCR
- 100% cross-platform compatibility
- Supports TCP/IP, NetBIOS, NetBEUI and IPX protocols
- Concurrent user services

Graphical User Interface

- Interactive graphical bar chart lets you edit using the mouse:
 - Creative activities
 - Adjust start and complete dates
 - Move entire tasks
 - Post progress or show slips
 - Create network links
 - Create resource assignments
 - Adjust resource availability
- Spreadsheet-style tables
- Toolbar icons, menus and hotspots
- Direct time line control with zoom and pan
- Interactive resource window
- Save screen layouts, sort and match criteria as views

Network

- Full network features for PDM
- Free float and total float

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- Logic mode with custom definable box, line styles
- Time-phased, waterfall, critical and logical sorts
- Network analyser mode
- Real-time network calculations
- Critical Path and The Path To...

Business Management

- Military and industry milestones
- Select individual activity bar, symbols, colour and pattern
- Up to 250 working calendars: Scales from minutes to years using multiple scales for rolling wave
- Define daily shifts with start and stop times, including breaks
- Define cycles, holidays, overtime and calendar ranges
- Up to 100 user-definable fields each for projects, activities, resources and requirements
- Calculated fields can be defined from other activity fields
- Up to 25,000 detail activities per schedule (unlimited through use of sub-projects)
- Assignments can be comprised of multiple schedules and sub-project schedules
- Rollups for executive summaries
- WBS tools and Outliner
- Integrated resource usage and costs in real-time
- Technical, span and baseline progress modes
- Store over 200 baselines
- Batch commands
- Attached documents

Librarian

- Template schedules for calendars and resources
- Save to a database using ODBC or SQL
- Allows definition of 'bookmark' tabs for quick access to virtual and local file systems

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- Provides client/server access to AMS REALTIME Projects
- Read and write directly to Oracle repositories
- Database mapping to external tables

Data Exchange and Storage

- Direct MPX, MPP and MPT gateway
- Import Export
- Generic translator

Resource Scheduling

- Schedule resources in months, weeks, days, hours or minutes
- Interactive graphic resource assignment or spreadsheet entry
- Rate, total and period-based resource assignment
- Effort-driven resourcing
- Resource and time-constrained levelling
- Interactive conflict resolution and analysis tools
- Variable resource availability
- Resource calendars
- Resource summarisation and categorisation
- Up to 2000 resources

Costing

- Calculated from resources or spreadsheet entry
- Cost breakdowns by resource type, cost centre or both
- Rate tables and apportioned costs
- Standard Earned Value methods
- Custom accounting calendars
- Baseline locking

Publishing Reports

- WYSIWYG composition
- Cross-platform drawing tools let you create and store symbols
- Custom report design includes different first and last page, logos, legends and annotations
- Output as Metafiles
- Filters and sorts allow combination of data publication

- Thumbnail views and text descriptions of report forms
- Presentation mode provides print preview of one or multiple pages

System Requirements

Windows:

Hardware

486 PC with VGA graphics or better. 8MB of memory minimum (more is recommended).

Software

DOS 5.0 or higher, and Windows 3.1 or higher, incl. Windows 95, Windows NT, OS/2, NetBIOS, NetBEUI, Novell IPX or TCP/IP (Winsock 1.1 compliant for Windows).

Apple Macintosh:

Hardware

Macintosh Plus or better, 8MB of memory minimum (more is recommended).

Software

Macintosh System 6 or later, TCP/IP.

UNIX:

Hardware

Any standard UNIX machine. 16MB of memory minimum (more is recommended). Hardware to support network connection. PostScript or HPGL printer recommended for best output.

Software

X Windows/Motif, Sun Solaris or SunOS, HP UX version 8 or later, IBM RS 6000 AIX 3.2 or later. Data TCP/IP.