



AMS REALTIME Resources

The ultimate system for resource and time management

AMS REALTIME Resources is a fully featured client/server-based solution that provides resource management, time reporting and the facility to update the status of any or all the projects in your organization.

Providing un-paralleled levels of visibility into resource usage and availability, and with tools to help you effectively manage your resources, **AMS REALTIME Resources** provides organizations with the facilities to; review plans, focus in on skill requests made by project managers, assign resources with the right skills, and to approve timecard information. Thus ensuring the right people and in the right place at the right time.

Significantly, **AMS REALTIME Resources** communicates actual hours, planning information (including changes to the estimate-to-complete (ETC)) and progress, with project management software systems such as **AMS REALTIME Projects** and Microsoft Project®.

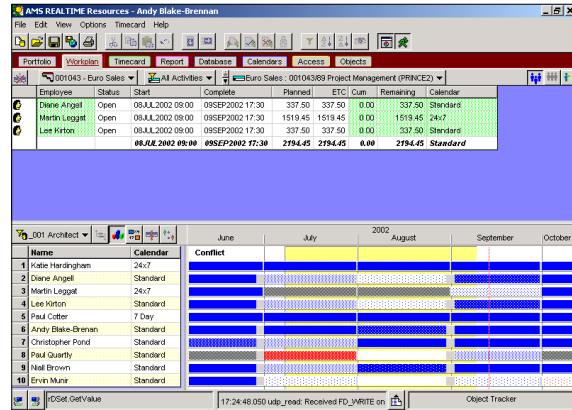
Through a single view, managers gain a clear insight into how to schedule their valuable resources across many projects; eliminating confusion, reducing resource overloads, allowing improved management of time, and ultimately improving the chances of projects completing on schedule. In addition, **AMS REALTIME Resources** provides excellent analysis and reporting tools with slicing-and-dicing features, and document management capability.

A look at some of the detail...

AMS REALTIME Resources supports simple to sophisticated resource management processes depending on the style of the organization. Processes, such as skill based resource deployment, differentiating deployment from assignment, planning with generic resources, partial or complete assignments, etc. are supported.

A detailed and structured organizational hierarchy can be represented in **AMS REALTIME Resources** and information can then be viewed or collated at any organisational level.

Completed timecards and expenses (entered via **AMS REALTIME Solo**) may be submitted for management review and approval. Managers can accept, modify or reject time and expenses entries. Data can be exported to other applications, such as payroll, project accounting and billing. This data is also directly accessible by ODBC-compliant products.



Occasionally clients want to enhance the already rich database that underpins **AMS REALTIME Resources**. Under these circumstances, the database can be extended. In addition, any of the supplied standard tables can be changed to include additional user-defined fields.

Configuring the system in this way does not compromise your ability to subsequently upgrade **AMS REALTIME Resources** to a later release. New tables and fields are simply converted to the new version automatically.

AMS REALTIME Resources supports an extensive Access Control Layer. Security of your data, in terms of the features that can be accessed by a user and restricting users to their own data, are simple to set up. Defining views and filters that work dynamically, simplifies administrative work and ensures ease of maintenance.

AMS REALTIME Resources can be accessed through its rich set of Python APIs. These facilitate integration with your existing enterprise and/or legacy systems.

The **AMS REALTIME Enterprise Server** supports **AMS REALTIME Resources** client, **AMS REALTIME Solo** and **Web Solo** clients, **AMS REALTIME Projects** or Microsoft Project®. **AMS REALTIME Enterprise Server** can provide the database support required or act as middleware.



Features

Platforms

- PC (Microsoft Windows XP, 2000, NT4, 98)
- Apple Macintosh (PowerPC) MAC OS 8.0, MAC OS 9.0
- UNIX (X-Windows, Motif) Sun Solaris or SunOS 8.0 HP UX 11.0 IBM RS/6000
- Linux (Redhat)
- Simultaneous multi-platform client/server access

Network environment

- Client/server or standalone environment
- Communication:TCP/IP

Time entry

- Select assigned tasks from pop-up
- Enter time by a percentage of effort, daily hours or weekly total
- Calculate daily hours from a weekly total
- Update the Estimate-to-Complete (ETC) to communicate changes
- Graphic task list instantly displays workload
- New Activity button provides for unscheduled task entry (optional)
- Drill-down to record unplanned work
- Graphical calendar and clock
- Management time review and over-ride editing
- Ability to report regular, overtime or any user defined time types.
- Ability to report time against work type to categorize and classify actuals against pre-defined budgets or task groups

Report

- Store customized report criteria for instant recall
- Dynamic Slicing and dicing using Portfolio Viewer
- Apply filters, sorts and views to report data
- Individually save headings, groupings, filters and layouts
- Select data ranges
- Select summary criteria
- Batch print reports
- ODBC access to stored reports

Database

- Six standard datasets:
 - Projects
 - Activity
 - Employee
 - Organisation
 - Workplan
 - Actuals
- Standard data tables can be modified
- Add user-defined fields to any data tables
- Define up to 32 additional tables
- Specify data type and field size
- Define virtual fields (a mix of other fields)
- Reference fields allow data entry from pick lists of other data table fields
- Lookup fields provide time-based data changes
- Calculated fields use standard operators, special operators and functions
- Customize to match with your business requirements

Planning

- Graphic employee availability window with multiple views.
- Graphic employee task list display
- Resource skill code integration
- Dynamic Filters to sort and match skills required
- Filter for current user login displaying only that user's information

Security

- Controlled by an administrator
- Access level controls by dataset:
 - No access
 - Read only
 - Read/write
 - Full access ('create/delete')
- Filters and Views can be enforced to enable additional control over specific fields and records
- Users can be restricted to view only their data
- Hierarchical organisation access control

Data integration with AMS REALTIME Projects and Microsoft Project

- Plans from AMS REALTIME Projects and Microsoft Project® can be uploaded into the AMS REALTIME Enterprise Server and accessed via AMS REALTIME Resources.
- Actual hours from AMS REALTIME Resources and AMS REALTIME Solo can update Earned Value calculations in AMS REALTIME Projects
- Progress can be calculated from each employee's Actual hours and Estimate-to-Complete
- Direct interface communicates plan changes between AMS REALTIME Projects / Microsoft Project® and AMS REALTIME Resources
- ASCII text file import and export
- ODBC provides access to AMS REALTIME Resources data by ODBC clients

System Requirements

Windows

Hardware

Computer with Pentium 133-megahertz (MHz) or higher processor

Operating System

Windows 98, Windows 98 Second Edition, Microsoft Windows NT(r) version 4.0 with Service Pack 6 (SP6) or later, Windows 2000 Professional, or Windows XP Professional, TCP/IP

RAM requirements depend on the operating system used

- Windows 98, or Windows 98 Second Edition 24 MB of RAM plus an additional 32 MB of RAM for AMS REALTIME Resources
- Windows NT 4.0 (SP6) 32 MB of RAM plus an additional 32 MB of RAM for AMS REALTIME Resources
- Windows 2000 Professional 64 MB of RAM plus an additional 32 MB of RAM for AMS REALTIME Resources
- Windows XP Professional 128 MB of RAM plus an additional 32 MB of RAM for AMS REALTIME Resources

Apple Macintosh

Hardware

PowerPC processor

RAM requirements

64 MB of RAM plus an additional 32 MB of RAM for AMS REALTIME Resources

Software

Mac OS software version 8.6, 9.0.4, 9.1, or Mac OS X (*supported in classic mode) TCP/IP

UNIX:

Hardware

Any standard UNIX machine.

RAM requirements

64 MB of RAM plus an additional 32 MB of RAM for AMS REALTIME Resources

Software

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

Linux

Hardware

X86 compatible processor

RAM requirements:

64 MB of RAM plus an additional 32 MB of RAM for AMS REALTIME Resources

Software

X Windows/Motif, Redhat TCP/IP.

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