



## Job Scheduling and System Automation

### For More Information

For more information on adTempus or to download a free 30-day evaluation version, visit our web site at [www.arcanadev.com/adtempus](http://www.arcanadev.com/adtempus).

You may also contact us by e-mail at [sales@arcanadev.com](mailto:sales@arcanadev.com) or by telephone at 888-318-3147.

adTempus is a job scheduling, process automation, and system monitoring tool for Windows platforms, offering a wide range of automation features at a modest price.

### Comprehensive Scheduling Options

The adTempus scheduling engine can meet any time-based scheduling scenario, from simple scenarios like "run the job every 5 minutes" to complex scenarios like "run the job on the nearest business day to January 1" or "run the job the day after Easter."

Shared schedules simplify setup and administration for jobs that run on a common schedule.

Holidays are easily accommodated using user-definable holiday templates that can be applied to jobs. Each job may be configured to skip execution on holidays, or to run on the previous, next, or nearest business day.

### Additional Triggering Options

In addition to time-based triggering, adTempus can trigger jobs based on file creation, modification, or deletion; Event Log events; WMI events; and the status of other processes.

A computer monitoring capability allows adTempus to test the status of networks, remote servers, and Web applications.

### Automate Any Task

Each adTempus job can have any number of steps, each of which carries out a single task.

adTempus can run any program, script, or batch file, and has native support for starting, stopping, and monitoring services; downloading pages and files from Web sites; running SQL Server database jobs; and shutting down/restarting the computer.

### Inter-Job Dependencies

Jobs can be linked together to form "chains" of related or dependent jobs. For example, a job can be configured to not run until a previous job has completed successfully. Cross-computer dependencies allow you to coordinate jobs running on separate servers.

## Event-Driven Job Flow

Complex conditional logic can easily be added to your jobs, enabling adTempus to respond to error conditions and other events during job execution. adTempus can restart failed jobs and steps, transfer control to other jobs or steps, send notification messages, capture output files, run “helper” scripts, and more.

## Notification

Job status notification messages can be sent using e-mail, to pagers and SMS devices, or using network broadcasts.

Notification schedules and severity criteria can be used to automatically select the proper recipients based on duty schedules and problem severity.

## Extensive Scripting Support

adTempus has built-in support for scripting using VB.NET, C#, VBScript, Jscript, or other .NET or Windows Scripting Host languages. Scripts can be used for things like setting command-line parameters and environment variables, checking for successful execution of programs, cleaning up after failed jobs, or any other custom processing that needs to be done.

Shared scripts and script libraries allow script code to be easily reused and shared across jobs.

## Conditional Execution

Execution of jobs can be made conditional on the status of other jobs or processes, or on the presence or absence of files. For other scenarios you can easily use a script to provide your own custom conditional logic.

## Complete Security Integration

adTempus is completely integrated with the Windows security framework. Permissions are assigned to Windows users and groups to determine which users have access to which jobs within adTempus, and what level of access they have (e.g., read-only, modify, execute).

Every job runs under a user's account so system security is not compromised by allowing non-administrative users to schedule jobs.

## History, Reporting, and Auditing

adTempus retains full history information (including execution times, results, and error messages) for each job. Auditing capabilities let you track who has added, changed, deleted, and executed jobs. A job accounting report shows CPU usage statistics for jobs.

adTempus can “capture” output files such as logs and reports created by your applications. These files are saved in the job history for future review, and can also be automatically sent to users by e-mail.

## Flexible Client Tools

The adTempus Console (the primary administration tool) can be run from any computer with a TCP/IP connection to the server, allowing remote administration and monitoring without the need for remote-access software.

A web-based job monitoring tool is also available.

A command-line tool can be used to submit jobs from batch files, desktop shortcuts, etc.

## Distributed Scheduling

Distributed scheduling supports centralized job management, job mirroring, remote “slave” execution, and automatic load balancing across servers.

## Programmability and Extensibility

Developers can automate job creation or other integration tasks using the API. No additional license is required.

Integrators, OEM developers, and others can customize and extend adTempus in many ways, including custom tasks and triggers, job templates, and custom reports.

## Technical Specifications

**Operating System:** Runs on Windows Windows 2000 SP4 or later, Windows Server 2003, Windows Server 2008, Windows XP Professional, Windows Vista. 32-bit and 64-bit versions are available. See [www.arcanadev.com/go/1990](http://www.arcanadev.com/go/1990) for the full system requirements.

**Database:** adTempus includes the Microsoft SQL Server 2005 Express database engine. It can also be configured to use an existing SQL Server instance provided by the customer.

**Notification:** The e-mail notification feature requires access to an SMTP server. SMS notification requires an SMS service provider.

**Reporting:** Integrated Crystal Reports viewer can be used with the provided reports and with custom reports developed by the customer.

**Components:** The "server" component runs as a system service on each computer on which jobs are to be executed.

The main configuration and administration tool, the "Console" can be installed on the same computer as the service and on any number of additional computers for remote administration. The Console connects to the server using TCP/IP with strong data encryption.

The web-based client for monitoring is an ASP.NET application. Microsoft IIS is required to use this feature.

## Licensing

One license is required for each computer on which the adTempus service is installed (i.e., each computer on which jobs will be executed).

The Console (client) can be installed on any number of computers. No additional client licenses are required.

## Pricing

For current pricing information please see [www.arcanadev.com/shop](http://www.arcanadev.com/shop).

## About Arcana Development

Arcana Development was founded in 1996 with the goal of providing affordable system tools to individual and small business users of Windows computers.

Our Arcana Scheduler (the forerunner of adTempus) was introduced in 1997 and was highly regarded for providing robust features at a modest price.

Our software is used by thousands of customers around the world, including customers in more than 70 countries, and forty percent of Fortune 100 companies.

For more information visit our web site at [www.arcanadev.com/adtempus](http://www.arcanadev.com/adtempus).

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