

When using a separate MVC application together with a Kentico application, you need to ensure that [scheduled tasks](#) on the Kentico application get processed in regular intervals. As the Kentico application itself does not usually receive traffic from site visitors, you either need to keep the application alive in a different way or process the tasks independently on the Kentico application's worker process.

You can use one of the following approaches for processing scheduled tasks when developing MVC applications:

- Automatic scheduler mode – recommended approach. Requires the Kentico application's worker process to remain alive.
- Scheduler Windows service – independent of the Kentico application's worker process.

Automatic scheduler mode

1. Configure the Kentico application to use [Automatic scheduler mode](#).
2. Set the [Idle Time-out \(minutes\)](#) setting of your IIS application pool to 0. Otherwise, the application pool worker process shuts down after a period of inactivity. As the Kentico application does not receive traffic from visitors, the worker process would shut down if no one used the Kentico administration for a certain period of time and scheduled tasks would not get executed.
 - If you do not want to set the *Idle Time-out (minutes)* setting to 0, you can keep the worker process alive by sending requests to the Kentico application within the set interval.

Scheduler Windows service

You can use the [Scheduler Windows service](#) if you want to process scheduled tasks independently on the Kentico application.



Note:

- The Windows scheduler service requires the Kentico EMS license.
- Tasks that are processed by the Windows service cannot resolve macros dependent on application context, such as: `{% ApplicationPath %}`.

Example - Regularly processing search indexing tasks on MVC sites

To use the scheduler to regularly process [search indexing tasks](#), configure the appropriate scheduled tasks to run using the Scheduler Windows service.



As a prerequisite, you need to:

1. [Install the Scheduler Windows service](#).
2. Open the **Settings** application in Kentico.
3. Expand the **System** category and enable the **Use external service** setting.
4. Click **Save**.

1. Open the **Scheduled tasks** application.
2. Edit the **Execute Azure search tasks** item (for [Azure Search indexes](#)).
3. Enable the **Use external service** property.
4. Click **Save**.
5. Repeat the same steps for the **Execute local search tasks** scheduled task (for [locally stored search indexes](#)).

The system now processes search tasks generated by both the MVC and Kentico application using the Windows scheduler service.