



Data Integration Tool FAQ

What is the benefit of using the DyKnow Data Integration Tool?

Time savings! The DyKnow Data Integration Tool can automatically update the DyKnow server with information in a file from your user database of choice.

What is the DyKnow Data Integration Tool?

The DyKnow Data Integration Tool is a command line tool that offers administrators the ability using batch files to pull information contained in a flat file from other back-end systems into the DyKnow server.

Is the Administrators Console used with the DyKnow Data Integration Tool?

Yes. The Administration Console has new functionality that works in conjunction with the command line tool to setup and track results of the Data Integration Tool job history.

How difficult is it to setup the Data Integration Tool using the Administrators Console?

By using the default settings, you can get started quickly without making any setup changes.

What are the technical requirements for this tool?

The Data Integration Tool is available beginning with DyKnow release 5.2 and runs from your DyKnow application server. You minimally must have remote desktop access to the DyKnow application server and the ability to schedule tasks.

Is the Data Integration Tool available for customers who use the ASP hosting service?

Unfortunately, this tool requires that the customers have access to the DyKnow application server. Therefore, this tool is only available to those customers hosting their own DyKnow application server.

What type of file do I need to take advantage of this tool?

You need a delimited file that contains column headings, and the corresponding data to import into the DyKnow server. See the Data Integration Tool User Guide or review the 'Manage Data Integration' section in the Administration Console help menu for more information on the precise format of the input files.

What information can be imported into the DyKnow server with this tool?

The Data Integration Tool supports importing users, classes, and class/users (enrollments).

Does it matter which source database I use?

No. We anticipate that Student Information Systems (SIS) will be the most popular, but schools can use any database that produces a delimited file that can be formatted to fit the DyKnow specification; examples include LMS's, CMS's, ERP systems, Active Directory or other domain systems, etc.

How do I get the Data Integration Tool to load the delimited file(s) on a daily schedule?

Using Microsoft Window's built in Task Scheduler is one way to automate executing the DyKnow Data Integration Tool.

What modes are available for synchronizing our source database with the DyKnow server?

Multiple options are available depending on the degree of synchronization required with the DyKnow server database. One time, daily, or even hourly synchronization is possible. Options are also available to control how deleted records are purged.

Will the Data Integration Tool delete records in the DyKnow server to be “in sync” with the source database?

Yes. One Data Integration Tool option supports synchronization of users, classes, and class/users (enrollments) to the extent that records will be deleted from the DyKnow server to be “in sync” with the source database.

Will the actual sync bog down my network?

No. We have tested loading 300,000 users into the database, and the process took less than 5 minutes. Although it’s very efficient, we still suggest the Data Integration Tool be scheduled to run late evenings or early mornings as to not interrupt classes.