

Accessing the OASIS/ERN Data Dump to Automatically Import Student Enrolment Data into RISC v10

The NSW Department of Education and Communities offers a facility to all public schools in NSW to provide a raw data dump from OASIS/ERN to a fileshare accessible to each school via unique username/password.

The benefit of this data dump is that 3rd-party programs like RISC can take advantage of the availability of enrolment data in a fileshare in order to automatically extract the latest student information and import it directly into your RISC system overnight. This would ensure that the enrolment data in RISC is always up to date and means that users will never need to manually export that data from OASIS and manually import it into RISC again.

Some high schools have already established their data dump to work with other products like attendance and reporting systems. If your school already has the fileshare details as well as the password to access it, you can skip to the section on configuring the RISC AutoImport module.

Requesting Access to the School's OASIS/ERN Data Dump:

The form on the last page of this document needs to be completed, scanned and emailed as directed. Before completing the form, lodge a Service Desk call on 1800 338 483 on behalf of the school principal. The request should be: ***"Please implement a daily data dump from OASIS Thin Client for OASIS Admin data for xxxxxxxx School – School Code: nnnn, to allow for 3rd-party data access. The request form is being sent separately."***

A service desk job number will be supplied to you. Take note of the job number and enter it on the form at the back of this document. Complete the rest of the form (*make sure you at least tick Admin – Library is not needed for RISC*) and have the Principal sign it. Scan the form and email it as an attachment to the address at the bottom of the form. The process will be implemented quite quickly and you will be sent instructions for accessing it, including your password.

The next page contains the instructions for configuring RISC AutoImport.

IMPORTANT NOTE:

Marillion Designs does not need to know your provided password and has no access to any of your school's data – not even to your RISC data. This process is simply to allow the RISC software in your school automatic access to your school's enrolment data to avoid the need to regularly manually export and import.

Configuring the RISC AutoImport Module (FOR SYSTEM ADMINISTRATORS ONLY):

This process need only be completed once. RISC v10 (and later) includes a special module to allow for automatic import of student data from the OASIS Data Dump fileshare, providing access has been granted in the form of a school code and password.

Using My Computer on a workstation, navigate to the folder where the RISC program is located. In there, you should find amongst other files and folders, a *file* called **RISCAutoImport.bat** and a *folder* called **Autoimp** with two files in it. Using Notepad, open RISCAutoImport.bat and you should see the following:

```
RISCAutoImport.bat - Notepad
File Edit Format View Help
REM *****
REM Only edit the end of the following two lines (after the =)!
SET schcode=
SET passwd=
REM *****

cd %~dp0
Net use M: /delete
Net use M: \\oasisdata.dtmanagement.det.nsw.edu.au\oasisdata\%schcode%L /u:infra\oas%schcode%L %passwd%

rem copy sstudent.d and sfamily.d to this folder
copy M:\ADMIN\SOASIS\sfamily.d autoimp
copy M:\ADMIN\SOASIS\sstudent.d autoimp
echo Commencing the OASIS Auto Export process... > autoimp\RISCAutoImport.log
cd autoimp
echo
ren sstudent.d sstudent.dbf
ren sfamily.d sfamily.dbf
echo Renamed the OASIS .D files to .DBF >> autoimp\RISCAutoImport.log
perl4w32 dbf2csv.pl sstudent.dbf
perl4w32 dbf2csv.pl sfamily.dbf
echo Converting the .DBF files to .CSV files >> autoimp\RISCAutoImport.log
cd ..
echo Starting the AutoImport.exe application >> autoimp\RISCAutoImport.log
AutoImport.exe
del autoimp\s*.dbf /f /q
exit
```

On these two lines only, after the = sign, type in your school code (**FOUR DIGITS ONLY!!**) and provided password respectively. Leave no spaces either side. Then save & exit.

Do NOT change anything in this section unless drive letter M: is already in use on your system. Then you will need to Find/Replace all occurrences of M: with another available drive letter from F: to Z:

Finally, test the AutoImport by double-clicking **RISCAutoImport.bat**. When it's finished, you'll find a log file in the Autoimp folder called RISCAutoImport.log. Double-click that file to view it. Either the import process will have worked or it didn't. Take note of the contents of the log file. If you are unsure of what the log file is reporting, please email the log file as an attachment to md@marilliondesigns.com for further advice.

In the end, if the AutoImport works fine, the intention would be to schedule a task on your server to run RISCImport.bat from its actual server drive path. It could be set to run at around 4am each day to ensure RISC's enrolment data is always up to date. The school's server administrator would need to configure your school's scheduled task to run at a random time to avoid congested requests from the OASIS data dump server.

When this is running correctly, there should be no further need to manually export from OASIS and import into RISC for NSW Public School users.



OASIS Thin Client Request for Access OASIS Data from C.P.C. Server

School Code: _____ School Name: _____

Contact Name: _____ Tele: _____

Region: _____

Help desk Job Number: _____

Access Required:

Admin

Library

Principal's signature: _____

Date: _____

Completed forms should be emailed to: Chak.Khong@det.nsw.edu.au using the Principals email account.