External Interface to/from Synergy Design Document

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| Interface Name | Data Director Schedule Roster File Submission | | |
| Type of System | Synergy SIS | | |
| Type of Data Flow | Export | | |
| Schedule | Daily | | |
| File Type | Comma delimited TXT | | |
| Location to pull file from: | Synergy SIS | | |
| Location to push file to: | Current Location: \\rmaxpf\reportmax\_files\EXPORT\Data Director  Synergy Location TBD | | |
| Header/Footer | Include a header row containing the field names listed below. | | |
| Data Elements/Business Objects | In the area below put the listing of the data elements that are needed in the import and/or export files | | |
|  | Name | Data Type | Location, Notes |
| Student\_Code | Text | K12.Student\_SisNumber |
| Staff\_Code | Text | K12.Staff.BadgeNum (for all teachers assigned to teach the course) |
| Grade\_Code | Numeric | K12.EnrollmentInfo.StudentSOREnrollment\_Grade. Can only contain values 1 – 12, convert special senior grades (C1-C4, T1-T4) to 12. |
| Semester\_Code | Text | K12. ScheduleInfo.Section\_TermCode |
| Period | Numeric | K12.ScheduleInfo.Section\_PeriodBegin |
| School\_Code | Text | K12.School\_SchoolCode |
| CRS\_ASG | Text | K12.ScheduleInfo.Section\_JoinBySchoolYear\_CourseGU\_JoinByCourseGU\_CourseID |
| File Layout/Structure |  | | |
| Additional Notes | **Criteria:**  Only currently active scheduled students. One row for every active class a student has in their schedule and for every teacher assigned to that class. | | |

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| Interface Name | Data Director Course File Submission | | |
| Type of System | Synergy SIS | | |
| Type of Data Flow | Export | | |
| Schedule | Daily | | |
| File Type | Comma delimited TXT | | |
| Location to pull file from: | Synergy SIS | | |
| Location to push file to: | \\rmaxpf\reportmax\_files\EXPORT\Data Director | | |
| Header/Footer | Include a header row containing the field names listed below. | | |
| Data Elements/Business Objects | In the area below put the listing of the data elements that are needed in the import and/or export files | | |
|  | Name | Data Type | Location, Notes |
| SCHOOL | Text | K12.School\_SchoolCode |
| COURSE | Text | K12.CourseInfo.Course\_CourseID |
| CRS\_ABBRV | Text | K12.CourseInfo.Course\_CourseShortTitle |
| CRS\_DESCR | Text | K12.CourseInfo.Course\_CourseTitle |
| Subject\_Area | Text | K12.CourseInfo\_Course\_SubjectArea1  (this used to be called  “DEPARTMENT”) |
| CREDIT | Decimal | K12. CourseInfo\_Course\_Credit |
| GRAD\_YR | Text | Blank |
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| File Layout/Structure |  | | |
| Additional Notes | **Criteria:**  Only currently active scheduled classes (school courses) for all school locations for current school year. | | |

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| Interface Name | Data Director Demographics File Submission | | |
| Type of System | Synergy SIS | | |
| Type of Data Flow | Export | | |
| Schedule | Daily | | |
| File Type | Comma delimited TXT | | |
| Location to pull file from: | Synergy SIS | | |
| Location to push file to: | \\rmaxpf\reportmax\_files\EXPORT\Data Director | | |
| Header/Footer | Include a header row containing the field names listed below. | | |
| Data Elements/Business Objects | In the area below put the listing of the data elements that are needed in the import and/or export files | | |
|  | Name | Data Type | Location, Notes |
| student\_id | Text | K12.Student\_SisNumber |
| state\_id | Text | K12.Student.STATE\_ID\_NUMBER |
| first\_name | Text | K12.Student.FIRST\_NAME |
| last\_name | Text | K12.Student.LAST\_NAME |
| middle\_name | Text | K12.Student.Middle\_Name |
| dob | Date | K12.Student.BIRTH\_DATE |
| gender | Text | K12.Student\_Gender |
| track | Text | Leave blank, but please include this column/data |
| Guardian | Text | K12.ParentGuardianInfo\_Parent\_FirstName [space]  K12.ParentGuardianInfo\_Parent\_LastName |
| address\_1 | Text | K12.Student\_HomeAddress |
| address\_2 | Text | Leave blank, but please include this column/data |
| city | Text | K12.Student\_HomeCity |
| state | Text | K12.Student\_HomeState |
| zip | Numeric | K12.Student\_HomeZip |
| phone | Text | K12.Student\_Phone. Phone Number flagged Primary. |
| language | Text | K12.Student\_HomeLanguage |
| ethnicity | Text | K12.Student\_EthnicCode |
| title1 | Text | Valid Values ‘Y’,’N’ TBD |
| english\_proficiency | Text | ‘ELL’ or blank. TBD |
| PRIM\_DISAB | Text | Not sure what field this is in SE. This is Primary Eligibility in our current SIS. |
| NSPL | Text | K12.ProgramInfo.StudetnFRMHistory\_FRMCode |
| File Layout/Structure |  | | |
| Additional Notes | **Criteria:**  Only currently active students in current school year. | | |

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| Interface Name | Data Director School File Submission | | |
| Type of System | Synergy SIS | | |
| Type of Data Flow | Export | | |
| Schedule | Daily | | |
| File Type | Comma delimited TXT | | |
| Location to pull file from: | Synergy SIS | | |
| Location to push file to: | \\rmaxpf\reportmax\_files\EXPORT\Data Director | | |
| Header/Footer | Include a header row containing the field names listed below. | | |
| Data Elements/Business Objects | In the area below put the listing of the data elements that are needed in the import and/or export files | | |
|  | Name | Data Type | Location, Notes |
| school\_name | Text | K12.School\_OrganizationName |
| school\_code | Text | K12.School\_SchoolCode |
| grade\_span | Text | K12.Setup.SchoolSetup\_Grade  List lowest and highest attending grades Format:(K-12) |
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| File Layout/Structure |  | | |
| Additional Notes | **Criteria:**  All active schools (any school where students are currently enrolled in the current school year). | | |