InteGrade® Pro Link
User's Guide
Version 9.1

PEARSON
Digital
Learning

Eleventh Edition (December 2004)

This edition applies to Release 9.1 of the InteGrade Pro teacher gradebook software, and to all subsequent releases and modifications until otherwise indicated in new editions or updates.

The data and names used to illustrate the reports and screen images may include names of individuals, schools, companies, brands, and products. All of the data and names are fictitious; any similarities to actual data and names are coincidental.

InteGrade Pro and CIMS are registered trademarks of Pearson Digital Learning

InteGrade Pro Link, ParentCONNECT, SASIxp, and the Pearson Digital Learning logo are trademarks of Pearson Digital Learning

Microsoft and Windows are registered trademarks of Microsoft Corporation.

AppleScript and Macintosh are registered trademarks of Apple Computer, Inc.

ParentLink is a registered trademark of Parlant Technology.

PhoneMaster is a trademark of US Netcom Corp.

Oracle is a registered trademark of Oracle Corporation.

Dell is a registered trademark of Dell, Inc.

dBASE IV is a registered trademark of dBASE Inc.

Crystal Reports is a trademark of Business Objects.

Contents

Contents

Contents

1

About the InteGrade Pro Link Software

The InteGrade Pro Link™ software takes data from InteGrade Pro gradebook files and combines them into one database. This database can then be read by various applications to provide parents access to homework and attendance information, via the telephone and the Internet.

Features of the InteGrade Pro Link Software

- It is a multiple-gradebook aggregation tool for SASIxp™ education software-compliant database construction and reporting.
- It is ParentCONNECTxp™ web-based application-compliant.
- It provides export of data from an aggregated database to files for use by Parlant Technology's ParentLink™ and US Netcom Corp's PhoneMaster™.
- It creates InteGrade Pro Link database files stored in SASIxp format. This makes the data available to ParentCONNECTxp™.
- It is ODBC-compliant (Microsoft® Windows® only).
- You can view the aggregated database through third-party tools such as Microsoft Access or Crystal Reports™.

About the InteGrade Pro Link Software

Technical Support Services

Pearson Digital Learning offers the following services to users with active maintenance agreements:

- InteGrade Pro technical support on the World Wide Web at http://customerlink.pearsondigital.com/contact.asp.
- Training: For information about the training services available from Pearson Digital Learning, or to schedule training, call (800) 736-4357.
- Customer Service: For information about other products available from Pearson Digital Learning call (800) 736-4357.

When Requesting Technical Support

Be sure you include the following information when requesting technical support:

- Your site number.
- The version number and platform of the InteGrade Pro software. For example, InteGrade Pro 9.1 for Windows or InteGrade Pro 9.1 for Macintosh.
- Your computer make and model. For example, Dell$^{®}$ Dimension XPS 166 or Apple Power Macintosh$^{®}$ 6100/60.
- The computer operating system and version number. For example, Windows 2000 or Macintosh OS X 10.3 running Classic 9.2.2.
- If the product is running on a local area network, the network operating system and version number.

Receiving Support from Other Vendors

If you purchased the InteGrade Pro software from a company other than Pearson Digital Learning, you should contact that company for technical support. You should have received information on technical support services available from that vendor at the time of purchase as well as upon receipt of the product.

2

Installing the InteGrade Pro Link Software

The InteGrade Pro Link software is available for download on the Customer Link Web site. The following sections contain the installation and configuration procedures for the software.

Installing the InteGrade Pro Link Software

Installing the InteGrade Pro Link Software

InteGrade Pro Link System Requirements

Ensure that your platform meets the following installation prerequisites before installing InteGrade Pro Link.

Windows Operating System

- Windows® 98 SE, 2000, or Windows XP.
- A computer that meets the requirements for the version of Windows you are running.

Macintosh Operating System

- MAC OS 8.6, OS 9.2.2, or OS X with Classic 9.2.2. Note that InteGrade Pro only runs in Classic mode on MAC OS X. For MAC OS 8.6 and MAC OS 9.2.2 you also need the MAC OS Runtime for Java (MRJ) 2.2.5 or higher from http://developer.apple.com/java/download.html.

InteGrade Pro Link Installation for Windows

1. Sign in to the Customer Link Web site at customerlink.pearsondigital.com.

2. Go to the InteGrade Pro Software Downloads Web page. (On the Customer Link Welcome page, select InteGrade Pro in the Product Support Center list, and then click the IGPro 9.1 link under Downloads.)

3. Click the IGPro_9.1_WIN.zip link and save the file to the root directory on your hard disk, usually C:\.

4. Unzip the IGPro_9.1_WIN.zip file to the root directory on your hard disk.

5. In the unzipped folder, open the \ADMIN\IGPLINK folder.

6. Double-click Setup.exe and follow the instructions in the Installation wizard.

7. When the installation is complete, click Done to quit the installer.

PEARSON Digital Learning

Installing the InteGrade Pro Link Software

InteGrade Pro Link Installation Wizard for Macintosh®

1. Sign in to the Customer Link Web site at customerlink.pearsondigital.com.

2. Go to the InteGrade Pro Software Downloads Web page. (On the Customer Link Welcome page, select InteGrade Pro in the Product Support Center list, and then click the IGPro 9.1 link under Downloads.)

3. Click the IGPro_9.1_Mac.sit.hqx link. The file saves to your desktop.

4. Double-click the IGPro_9.1_Mac.sit.hqx file to unstuff it.

5. In the unstuffed folder, open the \ADMIN\IGPLINK folder.

6. Double-click Install InteGrade Pro Link and follow the instructions in the Installation wizard.

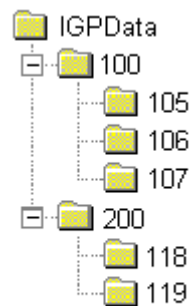7. When the installation is complete, click Done to quit the installer.

PEARSON
Digital Learning

Installing the InteGrade Pro Link
Software

Directory Structure

To extract data from teachers' gradebook files into the InteGrade Pro Link software, you must store your teachers' gradebook files in a network location accessible to the InteGrade Pro Link software.

Pearson Digital Learning suggests that you create a folder outside both your administration system and InteGrade Pro. Name this folder something you can remember, like IGPData. Use this folder when updating the files used by both software packages.

If you are using the SASIxp software, this IGPData folder will have sub-folders created in it when you export from the SASIxp software into the InteGrade Pro software. The first sub-folder has the same number as your School ID. Sub-folders created under the School ID folders have file names that correspond to your teachers' numbers. This figure shows an example:

```
IGPData
├── 100
│   ├── 105
│   ├── 106
│   └── 107
└── 200
    ├── 118
    └── 119
```

If you are using another administration system, you need to manually create a School ID folder in the IGPData folder. You also need to create teacher folders in the School ID folder for each teacher who has a gradebook. The teacher folders should have filenames that correspond to your teachers' numbers.

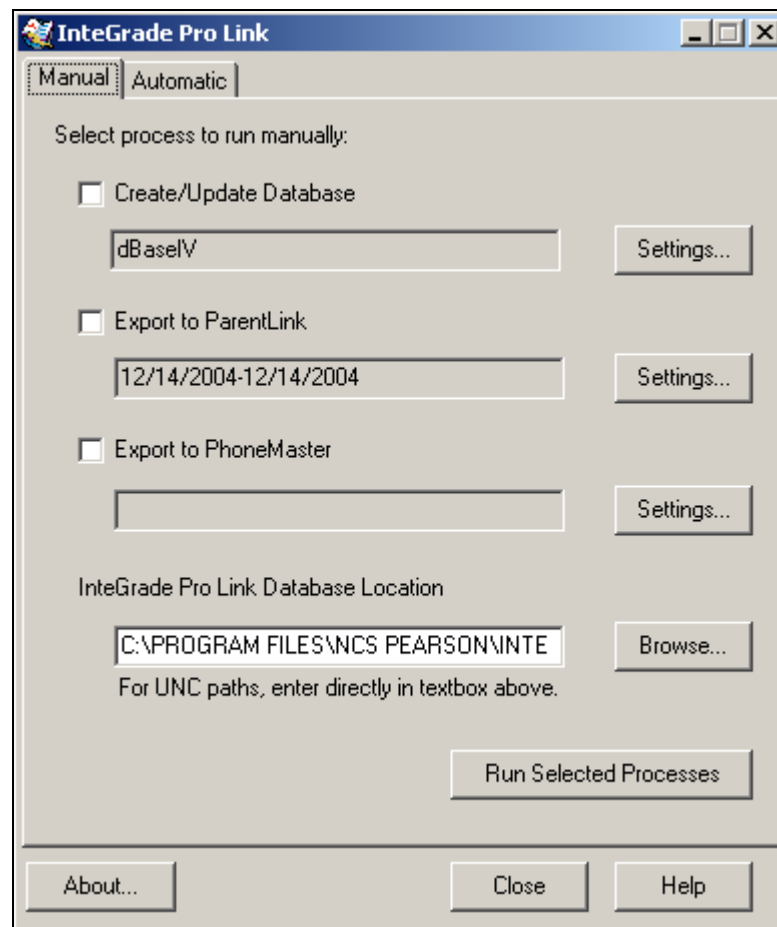**PEARSON Digital Learning**

Installing the InteGrade Pro Link
Software

InteGrade Pro Link Screen

The InteGrade Pro Link screen contains two tabs, Manual and Automatic. You use the Manual tab to configure settings for immediate use, and you use the Automatic tab to configure settings to run the program at a more convenient time.

InteGrade Pro Link Manual Tab

Installing the InteGrade Pro Link Software

InteGrade Pro Link Automatic Tab

You can use both tabs to create and update the InteGrade Pro Link database and export to ParentLink or PhoneMaster software programs. The only difference between the two processes is that you run the manual process immediately, while you can schedule the automatic process to run at a later time. You can either create a batch file (or AppleScript®) or use the built-in timer feature to run the automatic process.

PEARSON Digital Learning

Installing the InteGrade Pro Link
Software

Create/Update Database

The *Create/Update Database* checkbox displays on both tabs of the InteGrade Pro Link screen. You can adjust database settings by clicking Settings to control the type of data assembled in your InteGrade Pro Link database.

1. Under Settings, select the topmost folder that contains your teacher's gradebook files. Click Browse to search for the appropriate folder.

2. From the *InteGrade Pro Link database type:* list box, select the appropriate database type for your environment. For Windows 2000/XP®, use either dBase IV® or an established ODBC. For Macintosh systems, use dBase IV.

PEARSON
Digital Learning

Installing the InteGrade Pro Link Software

3. If you select ODBC, click Server Login that displays to the right of the dBase IV/ODBC list box. The ODBC Server Login Information screen displays.

ODBC Server Login Information

Enter a login ID and password for the ODBC server:

Login ID: |

Password: ***********

InteGrade Pro Link makes special optimizations for Oracle databases. If you are using an Oracle database, please check below.

☐ Yes, I use an Oracle database.

[OK] [Cancel]

4. Enter a login ID and password for the ODBC server. Contact your system administrator for the correct Login ID and Password.

5. If you are using an Oracle® database, select the checkbox.

6. Click OK. The system returns to the Create/Update Database Settings screen.

7. Under Database Contents, enter the *School Year* (single year or single term, not multiple years or terms). The school year must match the school year set in InteGrade Pro.

8. Enter the School ID. This number must match the School ID number set in the InteGrade Pro software.

> You can verify the School Year and School ID by selecting Setup|Communication|Advanced Fields in the InteGrade Pro software.

9. Under Scores, select the checkboxes to indicate scores that mean assignments are missing.

10. Select the *Consider all scores below ___% to be failing* checkbox to indicate whether to flag scores as failed.

PEARSON
Digital
Learning

Installing the InteGrade Pro Link
Software

Enter a percentage below which all scores are considered failing. For example, if you enter 45%, all scores in all the teacher gradebooks that are below 45% display as failing in the InteGrade Pro Link database.

Settings are specific to either manual or automatic mode. This means if you choose settings on the Manual tab, you have to reenter them on the Automatic tab. The settings are not saved between the two options.

Export to ParentLink

The *Export to ParentLink* checkbox displays on both tabs of the InteGrade Pro Link screen. You can export grade data, attendance data, or both for a specified date range.

The Grade Data export file is named ParLinkxxxx.TA, where xxxx is a four-digit compilation of single digit year and School ID. The export to the Teacher Assistant creates a master file with the following required data:

- Class data (course, section, period)
- Demographic data for each student (ID number, name, address)
- Data for each assignment (type, score, due date, out of)

The Attendance Data export file is named ParLinkxxxx.PAS, where xxxx is a four-digit compilation of single digit year and school ID. The export to the Attendance Server creates a master file with the following required data:

- Demographic data for each student
- Attendance data

PEARSON
Digital
Learning

**Installing the InteGrade Pro Link
Software**

The exported attendance file excludes students with perfect (100%) attendance. The file contains information for students who are have less than perfect attendance.

Exporting Grade and Attendance Data to ParentLink

1. From the Export to ParentLink Settings screen, check the data types you want to export. The default is both checkboxes selected. You can select either grade or attendance data.

2. Enter a range of days before and after the current date for both *Grade Data* and *Attendance data* to export.

   The default is the last date range used by the InteGrade Pro Link software. If no default dates exist, the default range is plus and minus 14 days.

3. Click Browse to select a location to store the ParentLink files. The system defaults to the last location selected. A warning message displays if you do not define an existing export path before clicking OK.

Installing the InteGrade Pro Link Software

4. Click OK to save the settings. If you click Cancel to exit the screen, your settings are not saved.

> Settings are specific to either manual or automatic mode. This means if you choose settings on the Manual tab, you have to reenter them on the Automatic tab. The settings are not saved between the two options.

Export to ParentCONNECTxp

To export to the ParentCONNECTxp software, you need only run the database creation procedure as described in the Create/Update Database section above.

When asked to set the path location for the InteGrade Pro Link Database, be sure the files are exported to the SASIxp Datafile folder. This is the folder that the Data Refresher accesses.

If you are using the ParentCONNECTxp software with District Integration, export the files to the school site Datafile folder. The nightly upload will move the files to the mirror site Datafile folder.

Export to PhoneMaster
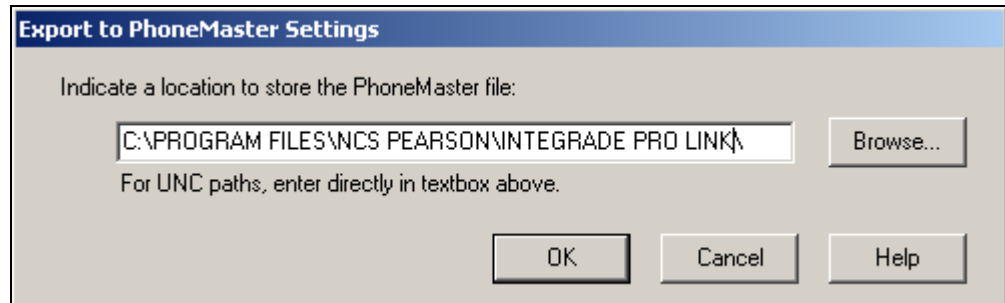
The *Export to PhoneMaster* checkbox displays on both tabs of the InteGrade Pro Link screen. It enables you to export student data from the compiled database to PhoneMaster's FromFile. The export to PhoneMaster creates a master file with the following required data:

- Student's ID number
- Up to 12 course names and the grades for those courses
- Number of absences
- Date of the last absence

PEARSON
Digital Learning

Installing the InteGrade Pro Link
Software

- Number of tardies
- Date of the last tardy

Export to PhoneMaster Settings

Indicate a location to store the PhoneMaster file:

C:\PROGRAM FILES\NCS PEARSON\INTEGRADE PRO LINK\   [Browse...]

For UNC paths, enter directly in textbox above.

[OK]   [Cancel]   [Help]

Exporting Student Data to PhoneMaster

1. From the Export to PhoneMaster Settings screen, either type the path where you want to store the PhoneMaster file or click Browse to select a path.

2. Click OK to exit and save settings, or click Cancel to exit without saving settings.

> Settings are specific to either manual or automatic mode. This means if you choose settings on the Manual tab, you have to reenter them on the Automatic tab. The settings are not saved between the two options.

Manual Mode

You can run InteGrade Pro Link at any time using the Run Selected Processes button that displays on the Manual tab of the InteGrade Pro Link screen.

1. Click Run Selected Processes. A confirmation message displays.

2. Click Yes to continue or No to cancel.

PEARSON Digital Learning

Installing the InteGrade Pro Link
Software

Automatic Mode

There are two ways to run InteGrade Pro Link in an automatic mode, either by creating a batch file or by using the automation timer feature.

> The timer feature is available for the Windows platform only and must be used with InteGrade Pro Link running in the background. Windows NT comes with a built-in scheduling system that operates successfully with InteGrade Pro Link, without the need to use the automation timer.

Creating Batch Files

You can run the InteGrade Pro Link software automatically by creating a batch file of the commands that you want to execute during the automatic process.

Windows can run IGPLINK.EXE from a batch file or from the DOS prompt, (for example, C:\ Program Files\NCS Pearson\InteGrade Pro Link\IGPLINK/Automatic).

> To change directories in the DOS prompt when the directory name is more than eight characters, be sure to type the name of the directory in quotes (for example C:\cd "program files").

For Macintosh computers, you can use Script Editor to create an AppleScript application to run InteGrade Pro Link automatically. For example:
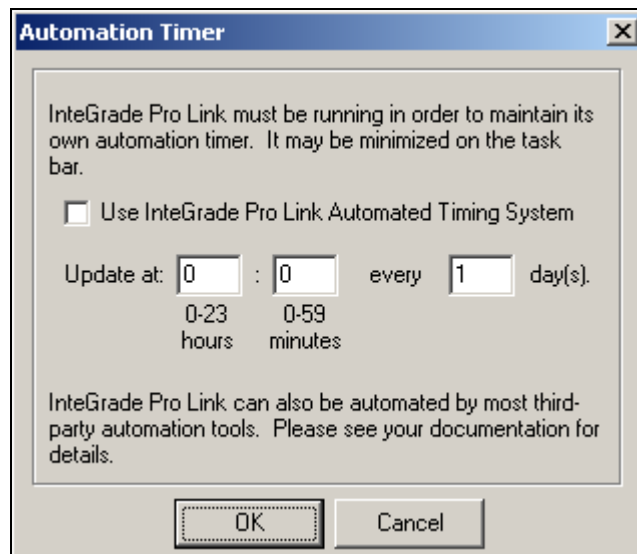
Tell application "InteGrade Pro Link" > Activate > Run automatically > Quit > End tell

Installing the InteGrade Pro Link Software

Automated Timer

You can use the built-in timer feature to run the InteGrade Pro Link software at a more convenient time. You can choose at what hour you want the InteGrade Pro software to run, as well as choose how many days to wait between runs.

1. From the Automatic tab, click Automation Timer.

2. Select the *Use InteGrade Pro Link Automated Timing System* checkbox.

3. In the *Update at:* field, type the hour at which you want the update to begin and how many days to wait between runs.

4. Click OK to begin the process, or click Cancel to exit.

Troubleshooting Log File

When InteGrade Pro Link is run, the system creates an AGGLOG.TXT file. This file contains log information which can be used to troubleshoot problems that occur during the run.

Setting up the InteGrade Pro Software

You must configure InteGrade Pro settings as well as local or network drive settings to make the InteGrade Pro software and the InteGrade Pro Link software communicate with each other.

The Current Grade feature and the option to export specific tasks are only available when using the InteGrade Pro Link software in conjunction with the InteGrade Pro software version 5.2 or later. In earlier versions of the InteGrade Pro software, a current grade is not formulated and all tasks are exported to the InteGrade Pro Link database.

Setting the Current Grade in the InteGrade Pro Software

The *Current Grade Spreadsheet* field in the Classes screen enables teachers to select the spreadsheet that displays the current grade for all students in a given class.

To view the Current Grade Spreadsheet:

1. In the InteGrade Pro software, from the Setup menu, select Classes.

2. In the *Current Grade Spreadsheet* field, select the spreadsheet (Skill or Numeric) from the drop-down list that you want to tag as the one that contains the most current grade for that class. The name of the tagged spreadsheet displays in italics.

To export tasks from the InteGrade Pro Software

The *Allow Export to InteGrade Pro Link* checkbox enables teachers to decide whether or not to export specific tasks to the InteGrade Pro Link software.

To export tasks to the InteGrade Pro Link Software:

1. In the InteGrade Pro software, from the Tasks menu, select Edit Tasks.

2. Select a task and make sure the *Allow export to InteGrade Pro Link* checkbox is selected. This action allows the task to be exported. If you do not select the checkbox, the task is not exported.

Installing the InteGrade Pro Link
Software

3

Database Structures–The Output of InteGrade Pro Link Software

This chapter describes the table structure created by the InteGrade Pro Link software.

Current Grade File (ICGR)

The Current Grade file stores the current grade for each student for a given course, section, and period.

Field Name	Type	Comments
STATUS	Alpha(1)	Required by SASIxp.
SCHOOLNUM	Alpha(3)	Same as SCHOOLNUM field in SASIxp.
STULINK	Numeric(5)	Same as STULINK field in SASIxp Student file (ASTU).
PERMNUM	Alpha(12)	Same as PERMNUM field in SASIxp Student file (ASTU). Same as Student # field in InteGrade Pro.

PEARSON
Digital Learning

Database Structures—The Output of
InteGrade Pro Link Software

Field Name	Type	Comments
CLASSKEY	Numeric (5)	Foreign key for Class.
SECTION	Alpha (12)	Section is unique in SASIxp. Same as Section field in InteGrade Pro.
COURSE	Alpha (12)	Same as Course field in InteGrade Pro.
PERIOD	Alpha (12)	Same as Period field in InteGrade Pro.
CURGRADE	Alpha (7)	Student's current class percentage grade.
LETGRADE	Alpha (3)	Student's current class letter grade.
FAILING	Logical1	True if InteGrade Pro Link considers this score to be failing.
NOTEKEY	Numeric (5)	Foreign key for Note.

Student Score File (ISTS)

The Student Score file stores the student score for each task for a given course, section, and period.

Field Name	Type	Comments
STATUS	Alpha (1)	Required by SASIxp.
SCHOOLNUM	Alpha (3)	Same as SCHOOLNUM field in SASIxp School file (ASCH).
STULINK	Numeric (5)	Same as STULINK field in SASIxp Student file (ASTU).
PERMNUM	Alpha (12)	Same as PERMNUM field in SASIxp Student file (ASTU). Same as Student # field in InteGrade Pro.
TASKKEY	Numeric (5)	Foreign key for Task.
SECTION	Alpha (12)	Section is unique in SASIxp. Same as Section field in InteGrade Pro.
COURSE	Alpha (12)	Same as Course field in InteGrade Pro.

PEARSON Digital Learning

Database Structures—The Output of
InteGrade Pro Link Software

Field Name	Type	Comments
PERIOD	Alpha (12)	Same as Period field in InteGrade Pro.
RAWSCORE	Alpha (7)	InteGrade Pro raw score for the assignment. This is the score that InteGrade Pro displays in the viewer of InteGrade Pro.
COMPSCORE	Alpha (15)	Score for the assignment over Out Of.
PERSCORE	Alpha (7)	Percentage score.
SCOREDATE	Date	Date score was entered.
NOTEKEY	Numeric (5)	Foreign key for Note.
CONTRIB	Logical1	True if this score contributes to the current grade.
MISSING	Logical1	True if InteGrade Pro considers this score to be missing.
FAILING	Logical1	True if InteGrade Pro Link considers this score to be failing.

Task Master File (ITMA)

The Task Master file stores a task information record for each task on each spreadsheet for each class.

Field Name	Type	Comments
STATUS	Alpha (1)	Required by SASIxp.
SCHOOLNUM	Alpha (3)	Same as SCHOOLNUM field in SASIxp School file (ASCH).
TASKKEY	Numeric (5)	Unique key generated by export program.
CLASSKEY	Numeric (5)	Foreign key for Class.
SPREADKEY	Numeric (5)	Foreign key for Spreadsheet.
SECTION	Alpha (12)	Section is unique in SASIxp. Same as Section field in InteGrade Pro.
CONTRIB	Logical1	True if this score contributes to the current grade.

PEARSON Digital Learning

Database Structures—The Output of
InteGrade Pro Link Software

Field Name	Type	Comments
LONGNAME	Alpha (32)	Long name or description for the task.
SHORTNAME	Alpha (28)	Short name or description for the task (generated by InteGrade Pro).
TYPESET	Alpha (32)	The name of the task type set.
TASKTYPE	Alpha (32)	The name of the task type.
DUEDATE	Date	Date task was due.
OUTOF	Alpha (7)	InteGrade Pro task Out Of.
SCALEFACT	Alpha (7)	InteGrade Pro task scale factor.
OUTOFSCALE	Alpha (7)	InteGrade Pro Out Of scaled.
MAXSCORE	Alpha (7)	Maximum allowed score.
NOTEKEY	Numeric (5)	Foreign key for Note.
TASKID	Alpha (20)	InteGrade Pro Task ID Field.
ASSIGNDATE	Date	Date task was assigned.
MASTERY	Alpha (7)	Mastery score.

Notes Master File (INMA)

The Notes Master file stores all the notes used in the InteGrade Pro software.

Field Name	Type	Comments
STATUS	Alpha (1)	Required by SASIxp.
SCHOOLNUM	Alpha (3)	Same as SCHOOLNUM field in SASIxp School file (ASCH).
NOTEKEY	Numeric (5)	Primary Key field.
NOTETEXT	Memo	Note content.

Database Structures—The Output of InteGrade Pro Link Software

Class Master File (ICMF)

The Class Master file tracks the classes for each teacher.

Field Name	Type	Comments
STATUS	Alpha (1)	Required by SASIxp.
SCHOOLNUM	Alpha (3)	Same as SCHOOLNUM field in SASIxp School file (ASCH).
CLASSKEY	Numeric (5)	Primary Key field.
SECTION	Alpha (12)	Section is unique in SASIxp. Same as Section field in InteGrade Pro.
COURSE	Alpha (12)	Same as Course field in InteGrade Pro.
PERIOD	Alpha (12)	Same as Period field in InteGrade Pro.
TCHNUM	Numeric (5)	Same as TCHNUM field in SASixp Teacher file (ATCH). Same as Teacher code in InteGrade Pro.
TCHCODE	Alpha (6)	Same as Teacher code in TSS/Osiris, InteGrade Pro.
TCHNAME	Alpha (40)	Name of teacher. For use with ISAF.
NAME	Alpha (50)	User-editable name/description of class.
NOTEKEY	Numeric (5)	Foreign key for Note.

Spreadsheet Master File (ISMF)

The Spreadsheet Master file tracks the spreadsheets for each class for each teacher.

Field Name	Type	Comments
STATUS	Alpha (1)	Required by SASIxp.
SCHOOLNUM	Alpha (3)	Same as SCHOOLNUM field in SASIxp School file (ASCH).
SPREADKEY	Numeric (5)	Primary Key field.

PEARSON Digital Learning

Database Structures—The Output of
InteGrade Pro Link Software

Field Name	Type	Comments
CLASSKEY	Numeric (5)	Foreign key for Class.
NAME	Alpha (50)	User-editable name/description of spreadsheet.
NOTEKEY	Numeric (5)	Foreign key for Note.
KIND	Alpha (1)	Spreadsheet Kind: W (Numeric Weighted), P (Numeric Total Points), S (Skill), E (EndTerm), A (Attendance).
SPREADID	Alpha (20)	InteGrade Pro Spread ID Field.

Student Demographic File (ISTD)

The Student Demographic file stores information about each student in the gradebook.

Field Name	Type	Comments
STATUS	Alpha (1)	Required by SASIxp.
SCHOOLNUM	Alpha (3)	Same as SCHOOLNUM field in SASIxp School file (ASCH).
STULINK	Numeric (5)	Same as STULINK field in SASIxp Student file (ASTU).
PERMNUM	Alpha (12)	Student's permanent identification number.
FIRSTNAME	Alpha (12)	Student's first name.
LASTNAME	Alpha (25)	Student's last name.
GENDER	Alpha (1)	M, F, or space. Space = unknown gender.
BIRTHDATE	Date	Birth date.
GRADELEVEL	Alpha (3)	Grade Level field as in InteGrade Pro.
HOMEROOM	Alpha (12)	Homeroom field as in InteGrade Pro.
TRACK	Alpha (12)	Track field as in InteGrade Pro.
TELEPHONE	Alpha (25)	Telephone field as in InteGrade Pro.

PEARSON Digital Learning

Database Structures—The Output of
InteGrade Pro Link Software

Field Name	Type	Comments
ADDR1	Alpha (50)	Address 1 field as in InteGrade Pro.
ADDR2	Alpha (50)	Address 2 field as in InteGrade Pro.
CITY	Alpha (25)	City field as in InteGrade Pro.
STATEPROV	Alpha (5)	Province/State field as in InteGrade Pro.
COUNTRY	Alpha (25)	Country field as in InteGrade Pro.
POSTALZIP	Alpha (12)	Postal/Zip Code field as in InteGrade Pro.
EMAIL	Alpha (60)	Email Address.
WORKPHONE	Alpha (25)	Work Phone Number.

Student/Teacher Demographic File (ISDT)

The Student/Teacher Demographic file stores each teacher's customized student demographic information.

Field Name	Type	Comments
STATUS	Alpha (1)	Required by SASIxp.
SCHOOLNUM	Alpha (3)	Same as SCHOOLNUM field in SASIxp School file (ASCH).
TCHNUM	Numeric (5)	Same as TCHNUM in ICMF.
TCHCODE	Alpha (6)	Same as TCHCODE in ICMF.
STULINK	Numeric (5)	Same as STULINK field in SASIxp Student file (ASTU).
PERMNUM	Alpha (12)	Student's permanent identification number.
OTHERID	Alpha (12)	Student's alternative identification number.
FIRSTNAME	Alpha (12)	Student's first name.
LASTNAME	Alpha (25)	Student's last name.
GENDER	Alpha (1)	M, F, or space. Space = unknown gender.

PEARSON Digital Learning

Database Structures—The Output of InteGrade Pro Link Software

Field Name	Type	Comments
BIRTHDATE	Date	Birth date.
GRADELEVEL	Alpha (3)	Grade Level field as in InteGrade Pro.
HOMEROOM	Alpha (12)	Homeroom field as in InteGrade Pro.
TRACK	Alpha (12)	Track field as in InteGrade Pro.
TELEPHONE	Alpha (25)	Telephone field as in InteGrade Pro.
ADDR1	Alpha (50)	Address 1 field as in InteGrade Pro.
ADDR2	Alpha (50)	Address 2 field as in InteGrade Pro.
CITY	Alpha (25)	City field as in InteGrade Pro.
STATEPROV	Alpha (5)	Province/State field as in InteGrade Pro.
COUNTRY	Alpha (25)	Country field as in InteGrade Pro.
POSTALZIP	Alpha (12)	Postal/Zip Code field as in InteGrade Pro.
COUNSELOR	Alpha (25)	Counselor field as in InteGrade Pro.
EXTRA1	Alpha (50)	Extra 1 field as in InteGrade Pro.
EXTRA2	Alpha (50)	Extra 2 field as in InteGrade Pro.
EXTRA3	Alpha (50)	Extra 3 field as in InteGrade Pro.
EXTRA4	Alpha (50)	Extra 4 field as in InteGrade Pro.
EXTRA5	Alpha (50)	Extra 5 field as in InteGrade Pro.
EMAIL	Alpha (60)	Email Address.
WORKPHONE	Alpha (25)	Work Phone Number.

Database Structures—The Output of InteGrade Pro Link Software

Student Attendance File (ISAF)

The Student Attendance file stores student attendance records for each attendance incident found for each student in the gradebook.

Field Name	Type	Comments
STATUS	Alpha (1)	Required by SASIxp.
SCHOOLNUM	Alpha (3)	Same as SCHOOLNUM field in SASIxp School file (ASCH).
SPREADKEY	Numeric (5)	Foreign key for Spreadsheet.
EVENTDATE	Date	Date of the incident.
STULINK	Numeric (5)	Same as STULINK field in SASIxp Student file (ASTU).
PERMNUM	Alpha (12)	Student number. Same as in ISTD.
CLASSKEY	Numeric (5)	Foreign key for Class.
CODE	Alpha (5)	The type of incident recorded.
NOTEKEY	Numeric (5)	Foreign key for Note.

Student Attendance Totals File (ISAT)

The Student Attendance Totals file stores a record for each student in each attendance spreadsheet in each class.

Field Name	Type	Comments
STATUS	Alpha (1)	Required by SASIxp.
SCHOOLNUM	Alpha (3)	Same as SCHOOLNUM field in SASIxp School file (ASCH).
STULINK	Numeric (5)	Same as STULINK field in SASIxp Student file (ASTU).
PERMNUM	Alpha (12)	Student number.
SPREADKEY	Numeric (5)	Foreign key for Spreadsheet.

Database Structures—The Output of InteGrade Pro Link Software

Field Name	Type	Comments
ABSENCES	Numeric (5)	Number of absences in spreadsheet.
LASTABS	Date	Date of last absence.
LATES	Numeric (5)	Number of lates in spreadsheet.
LASTLATE	Date	Date of last late.

Student Spreadsheet Notes File (ISSN)

The Student Spreadsheet Notes file stores a record for each student in each spreadsheet and a reference to the corresponding note.

Field Name	Type	Comments
STATUS	Alpha (1)	Required by SASIxp.
SCHOOLNUM	Alpha (3)	Same as SCHOOLNUM field in SASIxp School file (ASCH).
STULINK	Numeric (5)	Same as STULINK field in SASIxp Student file (ASTU).
PERMNUM	Alpha (12)	Student number.
SPREADKEY	Numeric (5)	Foreign key for Spreadsheet.
NOTEKEY	Numeric (5)	References note in INMA.dbt.

STULINK/STUNUM Pairing File (IPSS)

The STULINK/STUNUM Pairing file contains an Index linking each student's STULINK and PERMNUM.

Field Name	Type	Comments
STATUS	Alpha (1)	Required by SASIxp.
SCHOOLNUM	Alpha (3)	Same as SCHOOLNUM field in SASIxp School file (ASCH).

**Database Structures—The Output of
InteGrade Pro Link Software**

Field Name	Type	Comments
PERMNUM	Alpha (12)	Student number.
STULINK	Numeric (5)	Same as STULINK field in SASIxp Student file (ASTU).

TCHNUM/TCHCODE Pairing File (IPTT)

The TCHNUM/TCHCODE Pairing file contains an Index linking each teacher's TCHNUM and TCHCODE.

Field Name	Type	Comments
STATUS	Alpha (1)	Required by SASIxp.
SCHOOLNUM	Alpha (3)	Same as SCHOOLNUM field in SASIxp School file (ASCH).
TCHCODE	Alpha (6)	Same as Teacher code in TSS/Osiris, InteGrade Pro.
TCHNUM	Numeric (5)	Same as TCHNUM field in SASIxp Teacher file (ATCH).

Database Structures—The Output of InteGrade Pro Link Software