

# Denton Independent School District, TX

## APPENDIX 1 - LICENSED SOFTWARE

eSchoolPLUS Applications	License Fees *	Imple. Days	Training Days	Training Cost	Year 2 Maint
Base System <i>(Upgrade)</i>	\$206,388	25.0	19.5	\$54,600	\$53,508
Demographics					
Dashboard					
Discipline (1)					
Scheduling					
Mark Reporting (1)					
Attendance (1)					
Teacher Access Center					
Medical Records (1)					
Test Score Tracking (2)					
School Interoperability Framework (SIF) Agent (3)					
Administrator Analysis Cubes					
Student Fees <i>(New)</i>	11,948	2.0	1.0	3,600	3,098
Mobile Access Center (5) <i>(New)</i>	9,518	-	0.5	600	2,468
Master Schedule Builder <i>(New)</i>	9,599	3.0	1.0	4,800	2,489
Regulatory Software (6) <i>(Upgrade)</i>	21,731	1.0	1.0	2,400	7,481
Implementation Planning	N/A	2.0	-	3,000	N/A
<b>Total:</b>	<b>\$228,119</b>	<b>28.0</b>	<b>20.5</b>	<b>\$60,000</b>	<b>\$60,989</b>
<b>Total of Optional Items:</b>	<b>\$31,065</b>	<b>5.0</b>	<b>2.5</b>	<b>\$9,000</b>	<b>\$8,055</b>

\* First year maintenance and support included at no additional cost.

Customer must be current on maintenance for products noted as 'Upgrade' and will receive a credit for any unused prepaid OPEN SERIES / StudentPLUS Maintenance fees for those products.

### eSchoolPLUS Footnotes:

- <sup>1</sup> The Microsoft Word for Windows Version 6.0 or higher word processing package is required in order to use the letter feature of this system. This commercially available product is not included in the pricing, but is available directly through its manufacturer with educational discounts.
- <sup>2</sup> SunGard Pentamation can provide assistance writing uploads if necessary.
- <sup>3</sup> Two days at \$1,800 per day are included for remote installation, training and configuration. Additional assistance in the set up of the other non-SunGard Pentamation applications beyond two days can be provided on a time and materials basis. Please see SunGard Pentamation's attached SIF Object Conformance Matrix for currently supported SIF objects.
- <sup>5</sup> A list of currently supported PocketPC and Palm devices can be provided upon request.
- <sup>6</sup> Please see attachment for Regulatory Software detail.

### Additional Training Notes:

Training and implementation rates for the above are as follows:

Implementation and Planning - \$1,500/day plus travel related expenses  
 All others - \$1,200/day plus travel related expenses

Some training sessions may be accomplished via the internet thereby reducing travel and living expenses.

Training days are based upon an eight hour day, which includes six hours of instruction and two hours of preparation and follow-up.

Should additional daily time be needed for implementation assistance beyond the standard eight hour day, this can be scheduled with the trainer for the standard training rate of \$150/hour.

Any training and implementation required beyond those days indicated above will be performed at the then standard per diem or hourly training rate.

Training day counts are based on a maximum class size of 16 individuals (eight desktops with two individuals per desktop).

Any training and implementation scheduled more than 12 months after the execution date of this agreement will be at our then standard per diem rate.

The schedule for the above training and implementation services will occur as mutually agreed by SunGard and Client and as documented in a training agenda that will be sent to the Client. SunGard's cancellation policy requires a 21-day advance notice to cancel scheduled training. Cancellations within 6-21 days of the scheduled service will be invoiced at 50% of the total quoted service cost. Cancellation within 5 days, or on the scheduled date, the service will be invoiced at 100% of the quoted cost. For any cancellation of on-site services, any non-refundable travel expenses will be invoiced to your organization at cost.

<b>ReportNet - Per Named User Impromptu Upgrade ***</b>	<b># of Users</b>	<b>License Fee *</b>	<b>Training Days</b>	<b>Training Cost</b>	<b>Year 2 Maint</b>
ReportNet Business Author (1)	5	\$2,110	**	**	\$839
ReportNet Professional Author (2)	1	\$1,179	**	**	\$369
<b>Total:</b>		<b>\$3,289</b>			<b>\$1,208</b>

\* First year maintenance and support included at no additional cost.

\*\*See following section for Cognos training days and costs.

\*\*\* Upgrade pricing is for existing Impromptu Customers who are current on maintenance. A 'Named User' means an individual who is authorized by Licensee to use the specified Software, whether or not that individual is logged on to that Software. The above number of users is an estimate. Further discussion is required in order to determine your exact needs. Multiple copy pricing is available.

Customers with modified Impromptu catalogues will require an automated conversion from SunGard Pentamation or they may opt to manually modify the new ReportNet framework models. Conversion costs can be provided upon request.

<sup>1</sup> Includes Consumer.

<sup>2</sup> Includes Business Author.

#### Recipient

User has access via Cognos Connection or by e-mail to: view reports, set personal preference for language, time zones, etc. Recipient can access reports in a Microsoft Windows or Macintosh environment.

#### Consumer

User has Recipient capabilities plus rights to: run and schedule reports; interact with prompts; out reports to other formats such as PDF and CSV, subscribe to a scheduled report, create and manage report folders and personalized standard reports. Recipient can access reports in a Microsoft Windows or Macintosh environment.

#### Business Author

User has Consumer capabilities plus Query Studio which provides the ability to do ad hoc querying, create simple reports and charts, define prompting, filtering and calculations, share reports with other Personalized standard reports. Can be used only for reporting against SunGard Pentamation application databases. Can NOT be used to report against a Data Warehouse / Data Mart. Requires Microsoft Internet Explorer.

#### Professional Author

User has all the Business Author capabilities plus: Report Studio which provides the ability to create sophisticated, multi-page, richly formatted reports and charts with complex prompts and filters. User has the ability to create and distribute personalized reports via report bursting. Can be used only for reporting against SunGard Pentamation application databases. Can NOT be used to report against a Data Warehouse / Data Mart. Requires Microsoft Internet Explorer.

#### Administrator

User has all the Professional Author rights plus can administer the ReportNet environment in terms of server administration, security administration, report scheduling administration and modeling metadata. One copy is required for each site. Requires Microsoft Internet Explorer.

<b>ReportNet - Anonymous Consumer Upgrade for Current Customer with IWR***</b>	<b>License Fee *</b>	<b>Training Days</b>	<b>Training Cost</b>	<b>Year 2 Maint</b>
eSchoolPLUS (1)	\$21,051	**	**	\$8,668
eFinancePLUS (1)	\$5,608		\$	2,309
<b>Total:</b>	<b>\$26,659</b>			<b>\$10,977</b>

\* First year maintenance and support included at no additional cost.

\*\*See following section for Cognos training days and costs.

\*\*\* Upgrade pricing is for existing IWR Customers who are current on maintenance.

<sup>1</sup> The ReportNet Anonymous Consumer provides unlimited ReportNet recipients/consumers for a particular SunGard Pentamation product suite. A ReportNet recipient has access via Cognos Connection or by e-mail to: view reports; set personal preference for language, time zones, etc. A ReportNet Consumer has Recipient capabilities plus the rights to: run and schedule reports; interact with prompts; out reports to other formats such as PDF and CSV, subscribe to a scheduled report, create and manage report folders and personalized standard reports. One copy of ReportNet Administrator is required for each site; one copy of ReportNet Administrator which includes one copy of ReportNet Professional Author is included with the ReportNet Anonymous Consumer. Consumer can access reports in a Microsoft Windows or Macintosh environment. ReportNet Administrator and Professional Author require Microsoft Internet Explorer and a dedicated native Microsoft Windows server(s).

ReportNet requires the availability of a SQL Server database.

Cognos software is licensed by Pentamation to the customer for use only with Pentamation applications and/or applications developed by the customer which utilize Pentamation application data.

Telephone support for Cognos products is provided to the customer by Pentamation. License and/or maintenance agreements do not entitle the customer to access any Cognos technical support facility directly via either telephone or other means of communication.

<b>Report Writer Training</b>	<b>Days</b>	<b>Cost Per Day</b>	<b>Cost</b>
eSchoolPLUS Software	2.0	\$1,200	\$2,400
eFinancePLUS Software	2.0	1,200	\$ 2,400
Anonymous Consumers	2.0	1,200	2,400
<b>Total:</b>			<b>\$7,200</b>

Training quoted is for either Impromptu or ReportNet, but not both.

<b>System Software</b>	<b># of Users</b>	<b>License Fees *</b>	<b>Year 2 Maint</b>
Microsoft SQL Server Database (1)	0	Not Included	Not Included

\* First year maintenance and support included at no additional cost.

<sup>1</sup> SQL Server database pricing is not included. Database can be purchased from SunGard Pentamation or from manufacturer.

## APPENDIX 2 - IMPLEMENTATION SERVICES

Implementation Coordination*	Cost
eSchoolPLUS	\$12,000
<b>Total:</b>	<b>\$12,000</b>

\*Pentamation assigns each new client Implementation Coordination Resources for each product area, stationed at Pentamation, to be the customer's focal point of contact during the implementation of our products.

Student Interfaces	# of Interfaces	License Fees*	Year 2 Maint
Interface List:	<i>Optional</i>	1.0	\$1,800
<b>Total of Optional Items:</b>	<b>1.0</b>	<b>\$1,800</b>	<b>\$300</b>

\* First year maintenance and support included at no additional cost. Maintenance fees do not cover modifications to the interface required by new releases of the third party software. These modifications are available on a time and materials basis.

Data Conversion Services - eSchoolPLUS Migrations		
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Application/Files	File Build Method	Conversion Cost
<b><u>Demographics</u></b>		
Building List	Conversion Program	\$4,500
Staff Information		
Room Information		
Student Demographics		
Student Entry / Withdrawal		
Calendars		
Standard Validation Tables		
Contacts		
Registration User-Defined Data		
Program Tracked Data		
Lockers (Locker Assignment and Student Lockers)		
Texas PEIMS File	Conversion Program	1,125
<p>Note: Standard Validation Tables, calendars, staff and room data may be converted or keyed into eSchoolPLUS. If not converted, district must provide conversion team with details of any code values that will change in eSchoolPLUS so the data can be mapped correctly.</p> <p>Note: Standard Validation Tables may be converted or keyed into eSchoolPLUS. If not converted, district must provide conversion team with details of any code values that will change in eSchoolPLUS so the data can be mapped correctly.</p>		
<b><u>Scheduling</u></b>		
Course Catalog	Conversion Program	3,000
Master Schedule		
Student Course Requests		
Student Schedules		
Periods		
Time Tables		
Course Sequencing Information		
Block Course Information		
<p>Note: GPA and Honor Roll types must be set up in eSchoolPLUS by customer prior to conversion.</p>		
Course Equivalency File *	Conversion Program	3,000

**Mark Reporting**

Report Cards Course File Built from Student Scheduling at start of school year. N/A

**Transcripts**

Master Schedule History Conversion Program 4,500  
Student Course History and Grades  
Transcript Comments  
Historical Attendance Totals  
(Remove prior year calendars)

**Medical Records**

Immunization Conversion Program 3,000  
Hearing, Vision, Dental, Growth  
Medications Required / Issued  
Office Visits  
Referrals and Follow-Ups  
User-Defined Data  
Standard Validation Tables

Note: Standard Validation Tables may be converted or keyed into eSchoolPLUS. If not converted, district must provide conversion team with details of any code values that will change in **eSchoolPLUS+** so the data can be mapped correctly.

Note: Standard Validation Tables may be converted or keyed into eSchoolPLUS. If not converted, district must provide conversion team with details of any code values that will change in **eSchoolPLUS+** so the data can be mapped correctly.

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**Total: \$16,125**

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**Total of Optional Items: \$3,000**

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NOTE: Our approach to data file conversion is that it be performed with a combination of Pentamation-provided programming resources and data entry. The major data files can be converted with the remainder of the smaller application files being entered directly into the system. The cost for our programming conversion services is based on a rate of \$1,500 per day. All work will be performed at Pentamation's facilities and requires submission of data files in flat ASCII format, along with record layouts describing the data files. All estimated costs for conversion programs are based on receiving one file format for converting the file indicated above. An additional charge may apply if the conversion requires multiple input files or if a file conversion is desired for files other than those indicated. Additional travel/living expenses should be budgeted if programmatic data conversion is required.

Accurate Transcript conversions are critical to any successful student information system implementation. As such, we have developed a structured methodology which requires a team effort and shared responsibilities between SunGard Pentamation and your District during the conversion process in order to ensure success.

\* Required for state reporting

\*\* Not typically required as part of conversion effort. Can be included if desired.

NOTE: Pentamation will pull data from customer's Open/PLUS Series Student Database, perform required transformations, and load the data into the customer's eSchoolPLUS database.

## eSchoolPLUS System Requirements

### Database Server:

OS Platform: Microsoft Windows Server 2003 Standard (For 4 GB RAM)  
Microsoft Windows Server 2003 Enterprise (>4 GB RAM)

Databases: Requires SQL Server 2000

### Web Server:

OS Platform: Microsoft Windows Server 2003 Standard

#### Restrictions / Considerations

- If less than 3 thousand students web application can reside on the database server
- The web server must be on the same subnet or routed with the database server(s)
- SSL encryption can be implemented
- The web server should be protected by a firewall/proxy. The firewall/proxy must allow inbound traffic destined for the web server on inbound port 80 and 443
- eSchoolPLUS+ must be run in production natively under the host operating system, not under VMWare or any other emulation environment.

### Domain Controller:

OS Platform: Microsoft Windows Server 2003 Standard

#### Restrictions / Considerations

Domain controllers are not required if eSchoolPLUS is installed in an existing Windows 2000 or Windows Server 2003 network

### Workstations:

#### PC Workstation Operating Requirements

OS Platform: Win98, WinME, WinNT, Win2K, WinXP, Win2K3

OS Add-on: Internet Explorer 6.0 SP1  
Adobe Acrobat Reader 4.0 or higher

#### MAC Workstation Operating Requirements for Teacher Access Center

OS Platform: OS 9, OS X

OS Add-on: Internet Explorer 5.2 for OS X  
Internet Explorer 5.1.2 for OS 9

#### Browser Requirements for Home Access Center

Home Access Center can be viewed with web browsers that are compatible with HTML 4.01 and Cascading Style Sheets Level 1. These browsers include:

- Internet Explorer 5.5 or higher for Windows
- Internet Explorer 5.0 or higher for Macintosh
- Netscape Navigator 6.0 or higher
- Opera 6.0 or higher
- Safari 1.0 or higher



## Appendix 3 - Hardware/Services

Qty.	Description	Type	AMC	Unit Price	Line Total
<b>Installation and Setup Services</b>					
1	<b>Installation and Setup Services</b> (8) System Setup, Burnin, System Test in Bethlehem...Install and certify system and network on customer's site (8) Installation and Setup of Windows Operating System (1) Installation and Setup of Student Applications (1) Installation and Setup of SQL (1) Installation and Setup of Report Writer			\$19,000	\$16,000
<b>Freight and Handling</b>					
1	Freight and Handling			3,000	3,000
<p><b>Note: SPI requires a Domain Controller with Active Directory.</b></p> <p><b>Note: SPI requires MS SQL CPU Licensing (4).</b></p> <p><b>Price does not include Taxes and Travel Expense.</b></p>					
<b>Sub Total</b>					<b>\$19,000</b>
<b>First Year Maintenance</b>					<b>N/A</b>
<b>TOTAL</b>					<b>\$19,000</b>



## **APPENDIX 4 - MAXIMUM SUPPORT HOURS**

<b><u>eSchoolPLUS</u></b>	<b><u>Hours</u></b>
Base System	162
Demographics	
Dashboard	
Discipline (1)	
Scheduling	
Mark Reporting (1)	
Attendance (1)	
Teacher Access Center	
Medical Records (1)	
Test Score Tracking (2)	
School Interoperability Framework (SIF) Agent (3)	
Student Fees	8
Mobile Access Center (5)	4
Standards and Competencies	8
Master Schedule Builder	10
ReportNet	24
Regulatory Software - D (7)	15
<b><u>Total:</u></b>	<b><u>231</u></b>

## APPENDIX 5 - PAYMENT SCHEDULE

<b>1 PLUS SERIES Software License</b>		<b>\$228,119</b>
25% due upon contract execution	\$57,030	
75% due 90 days after contract execution	171,089	
<b>2 Third Party Software</b>		<b>29,948</b>
25% due upon contract execution	\$7,487	
75% due 90 days after contract execution	22,461	
<b>3 Application Training/Additional and Supplemental Training</b>		<b>67,200</b>
Due monthly as incurred; schedule to be mutually agreed between SunGard and Customer		
<b>4 Implementation/Migration Coordination</b>		<b>12,000</b>
Due upon contract execution		
<b>5 Data Conversions (Estimated)</b>		<b>16,125</b>
Due monthly as incurred		
<b>6 Installation Services</b>		<b>19,000</b>
Due upon contract execution		
<b>TOTAL:</b>		<b>\$372,392</b>

<b>Annual Maintenance and Support</b>	<b>\$73,474</b>
Invoiced upon completion of the Initial Maintenance and Support Term	

Note that the escrow fee, if applicable, is not included in the payment schedule. Escrow agreements are negotiated separately and the fee is paid directly to the escrow company.

## **APPENDIX 5 - PAYMENT SCHEDULE**

### **OPTIONAL ITEMS**

<b>1</b>	<b>PLUS SERIES Software License</b>		<b>\$31,065</b>
	25% due upon exercise of option	\$7,766	
	75% due 90 days after exercise of option	23,299	
<b>2</b>	<b>Student Interfaces</b>		<b>1,800</b>
	Due monthly as incurred		
<b>3</b>	<b>Data Conversions</b> <i>(Estimated)</i>		<b>3,000</b>
	Due monthly as incurred		
<b>TOTAL:</b>			<b>\$4,800</b>

**Annual Maintenance and Support** **\$8,055**  
Invoiced upon completion of the Initial Maintenance and Support Term

Note that the escrow fee, if applicable, is not included in the payment schedule. Escrow agreements are negotiated separately and the fee is paid directly to the escrow company.

For any software products or services indicated as "Optional", Customer must exercise this option in writing to SunGard within twelve months of Execution Date; if Customer wishes to exercise this option subsequent to twelve months after Execution Date, SunGard's then current rates shall apply.

## APPENDIX 6

### REGULATORY SOFTWARE

#### TEXAS

The following programs/reports are included with the *eSchoolPLUS* system:

##### **State Requirements:**

##### **Student PEIMS Subsystem\***

Texas Transcript

Texas Withdrawal Form

Texas Immunization Report

Texas Records Exchange (TREx): TREx Export, TREx Import

##### **\* Student PEIMS Subsystem includes:**

**Fall Submission:** Student, Staff, Campus and District Data

**Summer Submission:** Student, Campus and District Data

**Extended Year Submission:** Student, Campus and District Data

**Personal Identifier Enrollment Tracking (PET) Extract:** Student Data

##### **Notes:**

The output provided for these reports includes data and totals, supported within the application software, which are required by your organization to complete the mandated government form. This data will be formatted correctly for electronic submission when the state or federal agency requires electronic submission.

In the event that new federal or state legislative mandates additional reports to those listed above, additional fees may apply in order to develop those reports. Such fees would be shared by all school districts using the licensed systems.

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## APPENDIX 7

### ADDITIONAL CUSTOMER RESPONSIBILITIES

#### System Administrator Job Responsibilities

Effective System Administration is the key to a successful installation and smooth on-going system operation. System Administration personnel will be the focal point for communications between your organization and SunGard, and will handle the daily operation of the system.

**System Administrative personnel should have or possess the potential to develop the following knowledge and skills:**

- General understanding of computer systems' architecture and configurations; recognizing such pieces of hardware as CPU, memory, peripherals, scanners, etc.
- Understands general computer concepts such as relational database, operating systems, application software, word processing, and fourth generation languages.
- Excellent verbal and written communication skills with administrators, programmers, and system maintenance personnel.
- Understands the importance of data integrity and security (file backups and password control).
- Understands what your organization requires from each application.

**Customer System Administration responsibilities include, but are not limited to, the following:**

#### **Operating System Administration:**

- Sole responsibility for communications with SunGard Support personnel.
- Provide first level support to end users.
- Upgrade system software in conjunction with SunGard and the computer hardware manufacturer.
- Manage workload effectively.
- Train new staff on software packages.
- Train department personnel to use Report Writer.
- Maintain Documentation.
- Diagnose and resolve minor hardware problems.
- \* Configure and maintain PC Customer software.
- \* Monitor operating system and modify operating system parameters as required.
- \* Monitor hardware reliability, check error logs, and initiate corrective action when warranted.
- \* Add, delete, archive, and maintain configuration of users (for example, to access specific software packages), and maintain user environments.
- \* Create print queues or virtual printers.
- \* Configure communication port(s).
- \* Set or modify IP address.
- \* Develop backup strategy, setup backup procedures, verify backups and restore files or file systems as required.
- Perform backups.
- Maintain on and off site storage of backup media.

- \* Create and maintain cron jobs or other batch processes.
- \* Create and maintain printer configuration and setup.
- Maintain access to server(s) for support (i.e., Internet and backup modem access).
- \* Monitor system performance and tune operating system parameters for maximum efficiency.
- \* Monitor disk and file system utilization/permissions and adjust to meet site requirements.
- \* Create or modify default gateway.
- \* Verify software licensing.
- Maintain currency on support agreements.
- \* Install operating system patches.
- Install, configure and Maintain Sendmail.
- Install microcode or firmware updates as required.
- Install / reinstall operating system as required.
- Recompile applications as required.
- Evaluate application software utilization and setup.

### **Database Administration**

- \* Maintain database security and access/permissions.
- \* Backup and restore specific databases or entire database environment.
- \* Backup and restore specific tables within database(s).
- \* Import or export databases as required.
- \* Perform checks for data consistency.
- \* Monitor and modify data allocation.
- \* Monitor database performance and adjust as required.
- \* Add DB space.
- \* Create test (or other special purpose) databases as required.
- \* Verify software licensing.
- Maintain currency on support agreements, software licensing and documentation.
- Install / reinstall database software as required.

### **System Security**

- Ensure data and equipment security (physical and electronic).
- Monitor system access via modem or Internet.
- \* Investigate attempted security breaches.
- \* Monitor application software utilization and setup to ensure authorizations are administered correctly.
- \* Monitor file and database permissions and accounts.

SunGard offers telephone support agreements for operating system, database and utility software packages to assist the Customer system administrator in the execution of basic and advanced administrative functions. For Customers who contract with SunGard for these services, we will provide additional assistance (via remote Internet or dial access) for the basic functions designated with an asterisk (\*) in the above list for the first six months subsequent to installation (operating system, database software, utility software, application software) by SunGard. After six months, Customers who do not contract with SunGard for Remote System Administration Services will be invoiced on a per-call basis when SunGard is required to perform basic administrative tasks via remote access on behalf of the Customer system administrator.

## **eSchoolPLUS+ Student Transcripts Conversion and Verification Responsibilities**

Accurately converting and verifying Student Transcripts are some of the most important and intense tasks of implementing a new student management system. To achieve this objective, the school district and SunGard Pentamation must work together to reconcile Student Transcripts information and GPAs. Listed below are tasks associated with the parties involved in performing this very important function:

### **School District Personnel:**

- Attend Mark Reporting Overview and Review Implementation Guide Training Sections for Attendance, Report Cards, and Transcripts.
- Complete Attendance, Mark Reporting, and Transcripts section of the Implementation Guide and submit to SunGard Pentamation Implementation and Training Staff.
- Supply SunGard Pentamation with Transcripts Print examples for various students, including any unique data situations or exception transcripts based upon your school district's curriculum such as students with summer school, transfer, and alternative education classes.
- School district subject matter experts (GPA calculations, rank in class, credit rules, etc.) participate in on-going dialogue conference calls with SunGard Pentamation Programming staff reviewing legacy system data structures and school district objectives. Where appropriate, screen shots will be reviewed; and WebEx sessions will be utilized.
- Attend training for system setup of Attendance, Mark Reporting and Transcripts.
- Attend training for Student Transfer Maintenance and Graduation Requirements.
- Complete all buildings setups (including summer school and transfer buildings) for all years that Student Transcripts information will be converted.
- Review Transcripts conversion packet sent by the SunGard Pentamation Conversion Team.
- Supply initial Transcripts data to SunGard Pentamation Conversion Team by the deadline date specified
- Participate in on-going dialogue concerning unique data conditions such as how to handle repeat courses in the same semester and across semesters and transfer course numbers.
- Supply final Transcripts data for all buildings to SunGard Pentamation Conversion Team by the deadline date specified.
- Maintain production access to legacy system Transcript information until the verification process is completed.
- Have school personnel verify the accuracy of each student's Transcripts information and reconcile each GPA calculation. Suspected transcript and GPA conversion issues should be reported to the assigned conversion programmer as soon as possible. Be aware that as additional data entry and processing occurs at the client site, it becomes more difficult to pinpoint and correct conversion issues.
- Confirm in writing that the Student Transcripts and GPA calculation information has been reconciled.



## **APPENDIX 8**

### **SUNGARD PUBLIC SECTOR PENTAMATION INC. (SUNGARD) INTERNET CONNECTIVITY AUTHORIZATION FORM**

As a representative of \_\_\_\_\_, I hereby give SunGard permission to access the systems relating to SunGard applications for the purposes of support and maintenance via the Internet. I understand that once enabled and tested, SunGard will use this connection as the primary method for connectivity to include, but limited to, the following support-type activities: Support, Upgrades, Maintenance, Troubleshooting, and Uploading/Downloading files for the above reasons. This authorization for SunGard to access our systems shall remain in force, regardless of changes to specific IP addresses, ports, etc., unless revoked in writing by the Customer.

I understand that the person(s) responsible for managing our firewall(s) will need to configure the firewall to accept and forward inbound traffic from listed SunGard IP address(es) as appropriate. Port configuration will be based on the selected connection method. I also understand that in the event that SunGard cannot access our system via the Internet for any reason, a modem connection must be provided as a backup. I attest that the information contained in the document is correct to the best of my knowledge. Any updates to the information contained herein will be submitted to SunGard in a timely manner.

#### **Instructions for completion of Internet Connectivity Authorization Form**

##### Primary Means of Connectivity (External)

Select the method of connectivity to be used across the Internet. Additional protocols such as RDP and ICA will run through a VPN once it is established. SSH is only supported when establishing a connection to a Unix or Linux system.

Port information and source IP addresses are provided for configuration of firewall rules and/or router access control list as dictated by your local security requirements.

SSL VPNs are not guaranteed to work, but we are willing to briefly test them. We have verified the following SSL VPNs: Cisco, Checkpoint, Juniper, and Watchguard.

Cisco IPSEC VPNs must have NAT-T enabled, as the connections from SunGard originate from behind a firewall. We also ask to have split-tunneling enabled and configured to tunnel only the IP addresses SunGard will need access to.

For purposes of SunGard disaster recovery, please indicate if you are using a filter to restrict the source IP address on your firewall for connections from SunGard.

VMWare Environment will not be supported.

##### Customer Connection Information

Please enter the external IP address(es) SunGard will connect to. Also provide username and password information. If the connection is a Cisco IPSEC VPN, please indicate group name and password information unless providing a pcf file, which can be indicated in the group name and password boxes.

##### Internal Means of Connectivity

Please indicate the type of connection and internal IP address(es) SunGard will connect to once a VPN is established. If the same connection type will be used to connect to multiple servers, please add the additional IP addresses in the space provided or on an additional sheet.

Questions on this form? Please call the Engineering Support Desk – (800) 561-4994.

**SUNGARD PUBLIC SECTOR PENTAMATION INC INTERNET CONNECTIVITY AUTHORIZATION FORM**

Customer Name: \_\_\_\_\_

New Authorization: \_\_\_\_\_ Change Authorization: \_\_\_\_\_

Primary Means of Connectivity (External)				
Type of Connection		Port Configuration		
		Ports	Alt Port	unGard Source IP Address
<input type="checkbox"/>	SSH	Forward Port 22/tcp to server (Alt Port 8022, 8023, 8025)		72.237.31.192 / 28  or  72.237.31.195-197
<input type="checkbox"/>	Microsoft VPN (PPTP)	Forward 1723/tcp to VPN endpoint		
<input type="checkbox"/>	Cisco VPN (IPSEC)	Enable NAT-T Configure split-tunnel to tunnel only addresses required for SunGard		
<input type="checkbox"/>	SSL VPN <b>Not guaranteed to work</b>	Please have a backup plan if it does not work. Currently verified SSL VPNs are listed below: Cisco - Checkpoint - Juniper - Watchguard		
<input type="checkbox"/>	<b>Please indicate if restricting source IP addresses for purposes of SunGard disaster recovery</b>			

Customer Connection Information				
External IP Address(es)	Username	Password	Group Name (Cisco)	Group Password (Cisco)

Internal Means of Connectivity (Once VPN is established)				
	Type	Port Info	Internal IP Address	Internal Username / Password
<input type="checkbox"/>	RDP	3389/tcp		
<input type="checkbox"/>	ICA	1494/tcp		
<input type="checkbox"/>	SSH	22/tcp		

**Special Notes or Instructions:**  
 \_\_\_\_\_  
 \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Phone: \_\_\_\_\_

Print Name: \_\_\_\_\_ Title: \_\_\_\_\_

Email: \_\_\_\_\_

SunGard Internal Use Only	
Rec'd ENG: _____	Verified/Entered Cust Connect: _____
Meets ENG Req: _____	Filed in ENG: _____



**ES**

## **APPENDIX 9**

### **OPEN SERIES/StudentPLUS TO eSchoolPLUS MIGRATION**

#### **A. Identification of Functional Requirements**

- 1 Although the eSchoolPLUS software is being used successfully in a live environment at many customer sites across the country, there is some functionality which was provided in the OPEN SERIES/StudentPLUS software which is not available in the new eSchoolPLUS software. See Section D for a list of these features. For your reference, Section E lists features which are provided in the eSchoolPLUS software which were not available in the OPEN SERIES/StudentPLUS software. The purpose of the Customer identification of functional requirements is to verify that the software will meet all of your requirements and to identify areas which may require procedural changes or custom modifications.
- 2 Customer acknowledges they have reviewed the list and notified SunGard of any issues. Customer will sign the Functional Requirements Checklist for each application noting any issues that were encountered and return to SunGard no later than 30 days prior to live processing. In the event that the Functional Requirements Checklist is not returned to SunGard, Customer acknowledges that there are no issues with regard to this item.

#### **B. Custom Programming/Reports**

Due to the design differences (database structure, program logic, etc.) of the OPEN SERIES/StudentPLUS and eSchoolPLUS applications, previous OPEN SERIES/StudentPLUS custom modifications cannot be automatically converted into the eSchoolPLUS applications. If required, previous OPEN SERIES/StudentPLUS custom modifications can be rewritten for eSchoolPLUS at a cost which will be identified and addressed as follows:

- 1 Customer will contract with SunGard for two to five days of technical consulting to determine the extent of custom modifications required. Consulting services will be provided at our current hourly rate.
- 2 Customer will be responsible to review current custom software and custom reports to identify any custom modifications which will be required for the eSchoolPLUS product. Customer will provide SunGard with written detailed requirements on a Request for Custom Programming Enhancement form.
- 3 Customer will determine based on the preliminary estimate whether or not to proceed with a custom modification. Return of the preliminary estimate signoff is SunGard's authorization to prepare detailed specifications.
- 4 Customer will approve the detailed specifications indicating that the modification proposed will meet the requirement.
- 5 Customer will test any modifications in a test environment within 30 days of receipt to determine that the project performs according to the agreed upon specifications. Note that this testing must occur in a test environment to eliminate the possibility of causing data corruption with the newly written modification.

- 6 The eSchoolPLUS System prints most reports and forms on plain paper. Stock forms used in the OPEN SERIES/StudentPLUS Systems are not supported in the eSchoolPLUS System. These include:

Course Request Scan Sheets  
HAC Login Mailer  
Print-to-Mail Forms

Customer must decide whether to request a custom modification so they can continue to use the existing form stock or whether to use the eSchoolPLUS format. If a custom modification is required, the steps above should be followed.

### **C. User Developed Reports**

Due to the design differences (database structure, program logic, etc.) of the OPEN SERIES/StudentPLUS and eSchoolPLUS applications, Customer will need to rewrite any OPEN SERIES/StudentPLUS user-defined reports that will be required for the eSchoolPLUS product. SunGard resources can be made available to assist with this effort on a time and materials basis.

### **D. Features in OPEN SERIES/StudentPLUS NOT in eSchoolPLUS**

This list is provided for your information and to assist you with determining areas of the software which may need to be included in your testing. We have attempted to identify features that we provided in the standard OPEN SERIES/StudentPLUS software which are not included in eSchoolPLUS applications. There may be additional features which have been overlooked.

#### General

- 1 Ability to search for students based on criteria from dat, disc, erc, fee, ltodb, sched, med, rc, and transfer students. (In eSchoolPLUS, can search on reg, programs, district-defined, med, and course requests.)
- 2 Ability to display next record in query set without returning to list.
- 3 Ability to place ad hoc reports on the menu.
- 4 Ability to display broadcast messages to all users.

#### Demographics

- 1 Ability to generate family numbers. (eSchoolPLUS allows one-per-contact mailings.)
- 2 Ability to do street address validation without using geo code plan areas.
- 3 Ability to generate a list of teachers with one line per teacher.
- 4 Ability to set the level of warning on address validation for different screens.
- 5 Homeroom teacher stored in a separate field for students.
- 6 Staff numbers can be reused by different buildings in OPEN SERIES. (In eSchoolPLUS, staff numbers are by district, not by building.)
- 7 Three user-defined fields for entry/withdrawal. (eSchoolPLUS uses date tracking which can be linked to entry/withdrawal.)
- 8 Week numbers are calculated in the calendar days table.

#### Discipline

- 1 Ability to use criteria when running Year End.

## Scheduling

- 1 Ability to mass update house/team field in master schedule.
- 2 Ability to mass update mark type fields in master schedule.
- 3 Ability to mass update marking periods in master schedule.
- 4 Ability to mass update GPA and honor roll information in master schedule.
- 5 Teacher Utilization report. (Teacher Schedule in eSchoolPLUS provides most of this information.)
- 6 Master Schedule Builder functionality is present, but the assistant is not available.
- 7 Ability to see detailed master schedule information for a course in the Course Catalog.
- 8 Course prerequisites could check earned credit and minimum mark criteria.
- 9 Ability to hand-enter a list of students in Mass Load and Mass Unload Requests. (In eSchoolPLUS, must search for students using criteria.)
- 10 Ability to search for a student based on a course he is scheduled into.
- 11 When scheduling a single student, can flag courses to be scheduled with the same teacher or in the same marking period.
- 12 When searching the master schedule in schedule entry, can see the team assigned to course-sections.
- 13 Schedule screen displays teacher, room, and team for the course. (In eSchoolPLUS, teacher and room appear on the Student Summary screen.)
- 14 When adding courses to the Master Schedule, maximum seats defaults based on the room. (In eSchoolPLUS, maximum seats defaults from configuration.)
- 15 In Master Schedule, can indicate which marking period a mark type will be issued. (In eSchoolPLUS, can indicate the marking pattern for each mark type.)
- 16 Can specify if prerequisites are considered when adding requests and/or schedules.
- 17 Can select whether you should be warned when a course was already taken.
- 18 Scheduler supports semester balancing. (In eSchoolPLUS, this functionality is planned for a future release.)

## Mark Reporting

- 1 Ability to scan report card and IPR grades.
- 2 Ability to print more than one GPA within the course detail area on transcripts.
- 3 Ability to print different marks for different school years on transcripts, for example, final grades for past years, marking period and exam grades for current year.
- 4 Option to create IPR letters using a mail merge. (In eSchoolPLUS, template can be formatted like a letter.)
- 5 Ability to use select criteria on the Transcript print setup.
- 6 Ability to use criteria to determine which courses should be deleted from Year End if they were coded to be retained for Transcripts; for example, 08 grade students moving to 09 grade. (In eSchoolPLUS, can specify whether a course prints on a middle school or high school transcript without having to delete some courses.)
- 7 Ability to set defaults for new transfer courses entered.
- 8 GPA types are not required for transcript summary view. (In eSchoolPLUS, student GPA records are required in order to view the transcript summary.)
- 9 Ability to designate a transcript comment number when entering free text comments. (In eSchoolPLUS, comment numbers are auto-assigned (incremental).)
- 10 Ability to use a replacement value to designate detail information, such as asterisks to flag courses taken in summer school, on the printed transcript.
- 11 Daily attendance totals and total course credits are stored in Rank record.
- 12 Single option to run Assign Credit, Calculate GPA, and Calculate Rank.
- 13 Ability to copy graduation requirements to another graduation requirement code.
- 14 Allows more flexibility to specify how test data prints on transcript.
- 15 Ability to calculate honor roll on a different mark for each marking period. (In eSchoolPLUS, users can set up a unlimited number of honor rolls.)
- 16 Ability to print entry/withdrawal information on transcripts.

- 17 Allows more control of where data displays on transcripts and report cards; for example, can specify that only a certain number of characters print, can control line and column placement.
- 18 Average calculation needs less setup to handle courses with different marking patterns.
- 19 Ability to produce Permanent Record Labels.
- 20 Less set up for transfer buildings. (Functionality is different in eSchoolPLUS.)
- 21 Ability to generate alternate language report cards.

#### Attendance

- 1 Ability to record both daily and class attendance in the same building.
- 2 Ability to scan attendance.
- 3 Ability to generate a list of absence codes.

#### Teacher Access Center

- 1 Optional carryover of absences or tardies. (In eSchoolPLUS, system determines which period of a multi-period class was tardy and makes the rest absent or present depending on the time the student arrived or left.)
- 2 Ability to define groups to take attendance by homeroom teacher, counselor, homeroom, next homeroom, or timeslot. (In eSchoolPLUS, daily attendance can be by primary or secondary homeroom. Attendance by timeslot is also available.)
- 3 Uses default present code to clear previously entered absences. (eSchoolPLUS deletes absences.)
- 4 Ability to sort Attendance Morning Bulletin.
- 5 Ability for a homeroom teacher to view all of a student's competencies, including any that are graded by other teachers.
- 6 Ability to view marks for prior marking periods on the same page when entering marks for the current marking period on the Elementary Grading page.
- 7 Elementary Report Cards PDF report.
- 8 Student List in Elementary Report Cards displays checkmark when information for a student is entered.
- 9 Ability to download only selected grade levels for report cards; for example, Seniors only.
- 10 Configuration can limit which IPR runs are available.
- 11 Dynamic Links: ability for the District to add links to their own web pages and pass context-sensitive information such as student ID, building number, etc.
- 12 Ability to display medical alerts and disabilities stored in demographics.
- 13 Teachers can configure attendance code colors for student attendance year view. (In eSchoolPLUS, district can configure colors.)
- 14 District can indicate gradebook categories are required.
- 15 Seating chart is available from Gradebook. Grid, number of columns and rows can be set. (Seating chart available in attendance only in eSchoolPLUS at the current time.)
- 16 If an assignment has received scores, a tool tip displays in the delete column listing students who have scores for the assignment.
- 17 Spell checker available when adding/editing assessment descriptions.
- 18 The following reports are available in StudentPLUS/Open Series: Assignment Average Chart, Report Card, Score Threshold, Seating Chart report. (These are planned for a future release of eSchoolPLUS.)
- 19 The class roster report is configurable to allow a comment to be printed. (The class list does not include a comment, but can have selected fields, such as homeroom or birthdate, or attendance dates printed, as well as up to twenty columns.)



### Medical Records

- 1 General notes area.
- 2 Ability to store Vision results with and without glasses as one record.
- 3 Medical comments. (In eSchoolPLUS, comments can be stored on the registration user-defined list page.)

### Test Score Tracking

- 1 Standard templates available (uploads and test definitions).

### Schools Interoperability Framework (SIF) Agent

- 1 No items identified.

### Home Access Center

- 1 In Web Course Requests, course prerequisites can be based on earned credit or minimum mark criteria.
- 2 Dynamic Links: ability for the District to add links to their own web pages and pass context-sensitive information such as student ID, building number, etc.

### Student Success Plan

- 1 No items identified.

### Student Fees

- 1 Fees proration can be changed in schedule maintenance for individual students when adding or dropping courses. (In eSchoolPLUS, users can set up a proration schedule based on class duration.)
- 2 Accounts Receivable Interface with batch processing.
- 3 Ability to add users to Finance database.
- 4 Textbooks defined per course. (In eSchoolPLUS, textbooks are defined by building, and then can be associated with courses in course fee groups.)
- 5 Fee groups can be defined by course code, and optionally section. (In eSchoolPLUS fee groups are defined by course, but specific items can be limited to specific sections or teachers.)
- 6 Fee groups can be generated based on textbook definitions and master schedule.
- 7 Fee groups can be associated with students based on criteria from reg, dat, disc, erc, fee, ltdb, sched, med, rc, and transfer students. (In eSchoolPLUS, fee groups can be associated with students based on criteria from reg, programs, and district-defined screens.)
- 8 Tracking by Invoice Number for reports and billing. (eSchoolPLUS process is different.)
- 9 Generate Invoices. (Replaced by Billing Statement in eSchoolPLUS.)
- 10 Ability to limit number of items generated for a single invoice.
- 11 Ability to print payment terms with automatic calculation of dates.
- 12 Ability to select for all students which student or guardian address screen to use for billing. (In eSchoolPLUS, select on a student by student basis.)
- 13 Ability to limit access to invoices so users can only view invoices billed from one of their security buildings. (eSchoolPLUS shows all invoices for a student no matter where the fee originated.)
- 14 Transaction types can be defined as adjustments and/or errors, and this information could be used on reports. (eSchoolPLUS uses reduced rates to perform automatic adjustments. Audit trail can be used to track any other types of adjustments.)
- 15 Users are allowed to delete fee items on the same day they are entered. (eSchoolPLUS uses a mass reverse billing to reverse the fees, but does not allow you to delete them from an individual student's fees.)

#### Mobile Access Center

- 1 Information downloaded to handheld device and always available. (eSchoolPLUS uses wireless technology, so information is not available outside of the wireless network or without a broadband connection. Basic student demographic, contact, and medical information is available in a PDF report that can be saved to the PDA.)

#### College Tracking

- 1 College Tracking functionality does not currently exist in eSchoolPLUS.

#### Standards and Competencies

- 1 Teacher assignments can be modified on a per-student basis. (In eSchoolPLUS, teacher assignments are modified on a "per competency group" basis.)
- 2 Teacher transfer option.
- 3 Can select number of competency columns to print.
- 4 Can define a competency once and reuse it in multiple groups. (In eSchoolPLUS, competencies are defined in groups and groups can be copied.)
- 5 Can calculate the average for a competency.

#### Master Schedule Builder

- 1 No items identified.

#### Regulatory Software

- 1 Refer to Appendix 6 for reports provided.

### **E. Features in eSchoolPLUS NOT in OPEN SERIES/StudentPLUS**

#### General

- 1 Dashboard home page can display "news," attendance and enrollment counts for the day, list of reports, and favorite menu item links.
- 2 Up to 225 character descriptions are allowed for table-verified fields.
- 3 Many validation codes have state equivalency code as part of the table, eliminating need for cross-walk tables.
- 4 Ability to see scheduled tasks on end user's home page.
- 5 Report names include a date/time stamp, eliminating the need to rename a report so as not to lose it if you rerun the report.
- 6 Search function displays the field names defined for user-defined fields.
- 7 District-defined fields are available for more records.
- 8 Soundex functionality is available in the search option.
- 9 Setup of one building may be copied to another building, eliminating the need to reenter configurations, etc.
- 10 A single database includes prior and future years as well as summer school, so reporting across multiple years is easier.
- 11 Ability to impersonate users.
- 12 Allows IT staff to test what security options an end user has.

## Demographics

- 1 Student Summary page can be defined to include registration, personal, contact, emergency, today's schedule, and today's attendance for student.
- 2 Academic information - additional information includes Graduation Date, Diploma Type, expected and actual Graduation plans.
- 3 Information for contacts includes language, employer name, and email address.
- 4 Unlimited phone numbers and phone number types can be defined for contacts.
- 5 Personal information can be secured by field, as opposed to the entire page. Additional information includes 504 plan; ESL; IEP; IEP Status; At Risk; Migrant ID; city, state, and country of birth; and citizen status.
- 6 Multiple ethnic codes can be defined for a student.
- 7 Percentages for each ethnicity can be entered, if configured.
- 8 Emergency information includes insurance information.
- 9 Disability start and end dates can be entered, if configured to do so.
- 10 Date Tracking can be defined for fields from Demographic, Academic, Personal, Emergency, Summer School, and District-defined pages. In addition, date tracking can be defined for fields that are not tied to any other page.
- 11 Source fields for date tracking provide link on page to access pop-up for easy updates. For example, if meal status is date-tracked, a link displays on the Personal page. You can access the page from the Programs page as well.
- 12 Registration page has many additional fields, such as secondary homeroom, attending district, alt accountability building, and enrollment dates for district, state, and country.
- 13 Unlimited number of fields on district-defined pages.
- 14 Student district-defined pages can be in list format.
- 15 Summer school data can be updated in the same database.
- 16 Transportation information includes stop descriptions.
- 17 New student entry includes ability to combine fields from multiple pages into one entry page.
- 18 Year-round schools are accommodated with tracking option.
- 19 Single staff id used per teacher, even if they are in multiple buildings.
- 20 Additional district-wide staff information includes ethnicities, email address, and birthdate. Building information includes primary and secondary homeroom, course room, teacher designation, and counselor designation.
- 21 When viewing a staff member, class list option allows you to view the courses currently assigned to the staff member.
- 22 Teachers can have user-defined pages for building or district. List format is available for these.
- 23 Ability to calculate eligibility for activities based on discipline, attendance, and grades.
- 24 Calendars - mass update option allows you to update multiple days at once.
- 25 Calendars - month view with mouse over provides easy view of which days have been designated as holidays, alternate cycle days, etc.

## Discipline

- 1 When adding an action for an incident, the appropriate level of action based on the incident code is displayed.
- 2 The Reported By value can be a staff member, and the software allows you to select a staff member from the staff catalog.
- 3 You can calculate students ineligibility to participate in athletics or activities based on the student receiving a specific discipline letter.
- 4 Dashboard displays the total number of incidents to date and action information for the current date.
- 5 Summary window allows you to see general discipline information for an incident and all individuals involved in the incident.

## Scheduling

- 1 Can have multiple time tables within one building.
- 2 Year-round schools can have different time tables for different tracks.
- 3 Alternate cycle days can include periods from different cycle days.
- 4 Course linking allows blocks within blocks.
- 5 Blocks do not need to be assigned to the same section.
- 6 Can indicate a specific blockette, or any, for a section, as well as whether or not it is mandatory.
- 7 Allows multiple durations for courses, i.e., nine week marking periods and six week wheels, etc.
- 8 Multiple staff members can be associated with a course, and primary staff member can be specified.
  
- 9 A section can meet over multiple periods without using separate sessions.
- 10 Can define a course alternate for a specific course in the student request file.
- 11 When trailing a grade from one course to the other, attendance may be trailed as well.
- 12 Adds and drops may be done from one page within a student record in the Student Center.
- 13 Courses may be marked as ungraded for students who may be auditing a course.
- 14 Three additional pages are available within the Student Center scheduling section: a grid that shows any holes in a student schedule, a page that shows all prior year schedules from within the district and a page that displays the scheduling status of the student.

## Mark Reporting

- 1 Unlimited number of mark slots.
- 2 Unlimited number of marking periods.
- 3 Ability to have multiple groups of honor rolls.
- 4 Unlimited number of absence slots.
- 5 Unlimited number of comment slots.
- 6 Can select to have the gradebook average for the marking period, term, or year-to-date posted to a mark slot.
- 7 Ability to limit a mark slot to receive a limited set of marks.
- 8 Can define an averaging value for a mark that is different from the honor points value.
- 9 Ability to add IPR records for an individual student without having to create a complete IPR run.
- 10 Ability to specify different print values for the same mark for IPR, Report Cards, and Transcripts.
- 11 Ability to specify that a mark is a passing mark for an average calculation that calculates passing/failing marks.
- 12 Ability to calculate average based on state course equivalency information.
- 13 Ability to disqualify students who receive specific comment(s) from honor roll.
- 14 Unlimited number of honor rolls.
- 15 Unlimited number of GPA/rank types.
- 16 District can calculate ranks for marking periods, terms, and year. No longer required to select only one for the ranking designation.
- 17 Ability to calculate GPA based on multiple marks. For example, if GPA is calculated based on Final or Semester and the course does not have a final mark, the semester mark is automatically used.
  
- 18 Ability to select how inactive students should be included in class rank.
- 19 Ability to deny credit based on excessive absences.
- 20 Ability to grant credit based on the average of marks. For example, if a student passed semester 1, failed semester 2, but has a passing final average.
- 21 Can print special program information on Report Card.
- 22 Ability to select the last marking period for which dropped courses should print on the report card.
- 23 Ability to include non-course related requirements for graduation. For example, you can require a senior project or a set number of hours of community service.
- 24 Ability to specify that a student must have a certain number of credits focused within a set of courses for a subject area. For example, a student is required to take three years of language, but two of those years must be in the same language.
- 25 Ability to specify how retaken courses affect graduation requirements.

- 26 Can group marks on the Mark Usage report so that you can analyze more marks. For example, Marks 100 - 90 could be grouped.
- 27 Ability to print activity information on the transcript.
- 28 Can view a graduation requirements summary for a student.
- 29 Can view an honor roll summary which includes the disqualification reason, if appropriate, for a student.
- 30 Ability to re-use the same course code for a transfer building.
- 31 Can enter transfer courses on one page.
- 32 Can store information for multiple transfer buildings for a year.
- 33 IPR's can contain free-text comments.
- 34 IPR's can be used to calculate eligibility.
- 35 If an IPR is for eligibility, only students in activities related to eligibility display.
- 36 Report Card information can be used to calculate eligibility.
- 37 Subject area credit may be divided between multiple courses.

#### Attendance

- 1 Multiple attendance codes can be entered for same period, if desired.
- 2 Attendance can be positive.
- 3 Bottom line can be set to be teacher or office.
- 4 Because users can enter unlimited arrival and dismissal times throughout the day, Minute attendance may be reported appropriately.
- 5 A comments area is available for student attendance on the calendar screen in the Student Center.
- 6 Ability to lock out attendance changes after a designated time with in the school year.

#### Teacher Access Center

- 1 Ability to enter course competency marks.
- 2 Gradebook categories can be defined by district as well as building.
- 3 Teachers can indicate which categories are counted for which mark types.
- 4 Email feature to mail information to a student, contact, or entire class.
- 5 File attachments.
- 6 Lunch count option available.
- 7 File attachments may be published to the Home Access Center.

#### Medical Records

- 1 AN (Acanthosis Nigricans) test results stored on growth screen.
- 2 Other exams option allows users to define their own exams.
- 3 Physicals are divided into regular and athletic.
- 4 Medications may be defined as being issued at specific times, or PRN. PRN do not need to follow set schedules. In addition, you can have an extra dose of a scheduled medication marked without a time, for medications where an additional dose may be needed at times.
- 5 Medical day sheet provides a quick list of students who receive scheduled medications on the day. You can mark medication as issued.

#### Test Score Tracking

- 1 Unlimited number of scores may be stored per subtest.
- 2 You can define what type of data is stored in a score field, what type of input to use for the field (for example, drop-down, input box, checkbox), and define validation for the score field.
- 3 Test scores can be displayed on a student test summary page. Administrators can determine what test and subtests and scores are displayed. Additionally, security can be used to limit access to test information.
- 4 You can define types of score fields (for example, percentile, raw score, or scaled score) and associate a score field with a score type.

- 5 You can select to include test score information on the dashboard to show the number of students who scored within a certain range for a score field.
- 6 You can indicate a state code equivalent for a subtest and for a score.
- 7 Unlimited number of test tracking values can be stored for a test.
- 8 Unlimited number of student tracking values can be stored for a test.
- 9 District-defined screens can be defined for the Test package so you can store additional information for tests.

#### Schools Interoperability Framework (SIF) Agent

- 1 Ability to Request and Subscribe to the following objects: StudentPersonal, StudentContact, StudentDailyAttendance, StudentMeal, StudentParticipation (Special Ed), StudentPlacement (Date Tracked Items).
- 2 Ability to Publish and Provide the following objects: StudentMeal, StudentParticipation (Special Ed), StudentPlacement (Date Tracked Items).
- 3 Support for District Defined fields.
- 4 Support for Date Tracked fields.

#### Home Access Center

- 1 File attachments from Teacher Access Center may be viewed / printed from Home Access Center.

#### Student Success Plan

- 1 No items identified.

#### Student Fees

- 1 Can define a proration schedule based on the duration of a course and the number of days since start of course.
- 2 Can define a prorate percentage to apply to fees for disadvantaged students based on demographic information.
- 3 A course fee group can include items to be billed to all sections, to only specific section, or to only sections taught by specific teacher.
- 4 Can add a textbook when creating a fee group.
- 5 Can enter a comment for a fee item in a group.
- 6 Can specify a priority on a fee item to have more control over the items to which payments are applied when an automatic payment is applied.
- 7 Can assign a department to a textbook so that when fee groups are created only textbooks for the course's department are available.
- 8 Can mass reverse billed items.
- 9 Can specify a comment for items billed with one-time billing.
- 10 Can add debit items for students.
- 11 Can print receipt for a transaction.
- 12 Can indicate that a refund check was printed.
- 13 Billing statements can be sent to the student and any contacts for the student based on mailing flags.
- 14 Can view the entire history for a student's fee.
- 15 Can prorate course fees automatically on drop and add based on proration schedule or can run a calculation to prorate course fees as needed.
- 16 Can specify which fee groups allow reduced rates to be applied.

#### Mobile Access Center

- 1 Real Time wireless connectivity for viewing student information and taking attendance without the need for daily download/upload.
- 2 Offsite Report gives teachers the ability to generate a simple .pdf file containing all the emergency and contact information for use on field trips and activities or where wireless access is otherwise not available.

### Standards and Competencies

- 1 Can import level table to create a grading scale.
- 2 Can associate competency with courses.
- 3 Can define competencies by building or by district.
- 4 Can assign students to a teacher based on other criteria besides homeroom teacher or by a student list.

### Master Schedule Builder

- 1 No items identified.

### Regulatory Software

- 1 Please refer to Appendix 6 for reports provided.