

# ITS Integrator 4.1

## SWT / Enhancements Notes

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# 1

## 1 Student System

### 1.1 Academic Structure

Menu	Changes Made	Install Script	User Action
Quota Comparison Report <a href="#">{SACADR-43}</a>	<p><b>SWT GRADT – 5</b></p> <p><b>New menu:</b></p> <p>The report can be run to compare the Quotas or the Max level on group level with the Quota on subject offering type level since clients that uses the automatic assignment of groups during registration will set the max level and not the quotas</p> <p>The report can only report on the discrepancies or it can display all quotas for input criteria.</p>	None	None
<ul style="list-style-type: none"> <li>Final Exam Admission and Final Results Criteria <a href="#">{SSTUDE-1}</a>,</li> <li>Examination Paper Mark Criteria <a href="#">{SSTUDE-2}</a>,</li> <li>Exam Paper Marks and Results <a href="#">{SSTUDE-3}</a>,</li> <li>Mark and Results Criteria <a href="#">{SSTUDE-4}</a>,</li> </ul>	<p><b>Enhancement:</b></p> <p>Program changed to remove the check against cycle Z.</p>	None	None

Menu	Changes Made	Install Script	User Action
<ul style="list-style-type: none"> <li>• Alternative Final Mark and Results Criteria <a href="#">{SSTUDE-5}</a>,</li> <li>• Overall Mark Criteria <a href="#">{SSTUDE-6}</a></li> <li>• Classification of Awards per Qualification Type <a href="#">{SSTUDE-7}</a>.</li> </ul>			

## 1.2 Student Maintenance

Menu	Remark	Install Script	User Action
Maintain Student Numbers for Generating Documents <a href="#">{SLLL5-2}</a>	<p><b>ENHANCEMENT:</b></p> <p>Provide Import and Export functionality for Student numbers. This is typically used for importing student numbers that were identified to receive specified documents, i.e. Student Permits.</p>	None	None
Student Biographical <a href="#">{SREGB-1}</a>	<p><b>ENHANCEMENT:</b></p> <p>Only available to Irish institutions.</p> <p>The Gender Codes for Students:</p> <ul style="list-style-type: none"> <li>• Male</li> <li>• Female</li> <li>• Gender non-binary</li> <li>• Prefer not to say</li> </ul>	None	None

Menu	Remark	Install Script	User Action
Textual information per qualification { <a href="#">SACADT-1</a> }	<b>ENHANCEMENT:</b> Converted to ADF	None	None

### 1.3 Student Code Structures

Menu	Changes Made	Install Script	User Action
Student Biographical { <a href="#">SREGB-1</a> }	<b>ENHANCEMENT:</b> Database changes applied to the card system to cater for the requirements of University of Education, Winneba	None	None
Qualification Types/Course Levels { <a href="#">SCODE3-1</a> }	<b>SWT GRADS – 2</b> Extent the qualification category field on Qualification Types to include the following values: Sort the code in ascending order. a. S – Short b. G – Higher c. O – Occupational d. K – Skills e. I – Internal f. P – Pre-Vocational Learning Programme g. C – COS Occupational Allow update of default national level to NULL	None	User will create/amend exist Qualification types on { <a href="#">SCODE3-1</a> }
System Operation Definition { <a href="#">SMNT-12</a> }	<b>ENHANCEMENT:</b> Added SOD 'VC / SR' – CELCAT: Must the Timetable clash number be downloaded on { <a href="#">SCELLTT-1</a> }	None	Run { <a href="#">USERS-8</a> } to build on-line help manuals.

Menu	Changes Made	Install Script	User Action
	<p>Added SOD 'DV/RE': Ignore validation of Subject enrolment Start/End date against Qualification enrolment dates. Created to allow ignoring of validation of Subject enrolment Start/End date against Qualification enrolment Start/End dates.</p> <p>SOD rules implemented on <a href="#">{SREGAR-11,12,13}</a>, <a href="#">{SREGC-1,3,4,5,6,7,9,12}</a></p> <p>Manual Update:</p> <ul style="list-style-type: none"> <li>The manual's grammatical errors have been corrected</li> </ul>		
Maintain System Cycles <a href="#">{SMNT-2}</a>	<p>Changed the program to only validate the S cycle if the user is not equal to WEB.</p> <ul style="list-style-type: none"> <li>If you register via the WEB it means the cycle is open and this means it is a valid year and then we do not need to use S cycle.</li> <li>If the user is not WEB - this comes from back office where the year is an input parameter - and then a mistake can be made. Then the program will validate that the input year = S cycle Year.</li> </ul>	None	
Wizard - List Duplicate Student Number for an Applicant <a href="#">{GWEBM2-16}</a>	<p><b>New Menu Option:</b></p> <p>A new menu option <a href="#">{GWEBM2-16}</a> was created together with the online manual, this menu option is not used by South African clients.</p>	None	None
<b>SWT GRADS- 2</b> Qualification Types / Course Levels <a href="#">{SCODE3-1}</a>		None	None



Menu	Changes Made	Install Script	User Action
	Changed the logic of the ADF package for { <a href="#">SCODE3-1</a> } to allow nulls in the Default National field in the Qualification Types Tab		

## 1.4 Academic Registrations

Menu	Changes Made	Install Script	User Action
Registered Students (Subjects) { <a href="#">SCOM3-3</a> }	<b>ENHANCEMENT:</b> Added tag Student Cell Number <StudCellNumber>	None	None
Change Subject Detail in Bulk { <a href="#">SREGC-7</a> }	<b>ENHANCEMENT:</b> Display warning when combination for new Offering Type and existing Class Group is not defined on Academic Structure { <a href="#">SACADO-13</a> }	None	None

## 1.5 Student iEnabler

Menu	Changes Made	Install Script	User Action
Previous Qual { <a href="#">S00001-2</a> }	<b>Enhancement:</b> Changed the School Leaving Subject business processes to use new LOV functionality. To the user/student there will not be any visible change to the functionality.	None	None
	<b>Enhancement:</b>	None	None

Menu	Changes Made	Install Script	User Action
	Ensured that the Forgot Student Number option on the iEnabler landing page can find the student number even when the case on the email address is different to the one captured on biographical page.		
	<b>Enhancement:</b> Introduce a new SOD 'WA'/'RE' - 'Allow Web Reg. if Calendar Month after Exam Month' to enable clients to allow these registrations via the iEnabler. The exam month is still determined by the academic block. The registration date should be before the end date of the block <a href="#">{GOPS-1}</a> and the registration date should still fall within the W-system cycle dates.	None	None
	<b>Enhancement:</b> Field ADF sequence modified to NULL, and SMS is sent successfully.	None	None

Menu	Changes Made	Install Script	User Action
Certificate Seen Page	<b>ENHANCEMENT:</b> Added new Note code NTE_00113 to the option. The note can be maintained on <a href="#">{GOPS-8}</a>	None	None
Registration Program	<b>COVID ENHANCEMENT:</b> Remove the restriction that prevents registration after block end date if SOD WA/RE = Y. The W cycle and the WR status should be used to make sure only the correct students can register for certain blocks.	None	None

## 1.6 Study Records

Menu	Remark	Install Script	User Action
<b>SWT GRADS- 1</b> Maintain export information {TVETMIS-1}	The duplicate combination was caused by a previous change done on 245457 to prevent the oracle error: 'when {TVETMIS-4} is run the report fail and return ora-00979 'Not a group By Expression Error The fix to add a group by in an extract stats of offering type did fix the oracle error but the select is getting duplicate record. Technical change - Improve the select to not get an oracle error and not display duplicate records	None	Run {TVETMIS-4} and {TVETMIS-1}.
General Documents {SCOM5-1}	Provide additional tags for the printing of Travel permits (ILJ01LET) during covid. Manual was modified to reflect additional tags <ul style="list-style-type: none"> <li>• Identity number / Passport number (StudPassport)</li> <li>• Qualification / Programme Description (QualDesc)</li> <li>• Registration Year (RegYear)</li> <li>• Residential Address (Primary address of Primary contact) (Residence)</li> <li>• Province of residence (ProvDesc)</li> <li>• Metropolitan area/district of residence (MagDestDesc)</li> </ul> Student Cell number (StudCellphone)	None	None

## 1.7 Academic Application

Menu	Changes Made	Install Script	User Action
Bulk Update of Application Admission Statusses { <a href="#">SNAPPA-21</a> }	<b>SWT GRADT – 1</b> <b>ENHANCEMENT:</b> Added a new logic and batch prompts to allow the program to update block code, offering type, study period, choice, and qualification code. <ul style="list-style-type: none"> <li>Manual Update: Add more information regarding the creation of the .csv file.</li> </ul>	None	Run { <a href="#">USERS-8</a> } to build on-line help manuals.
Excluded Students { <a href="#">SCOM3-12</a> }	<b>ENHANCEMENT:</b> Added extra batch prompts based on the start date of an exclusion code	None	Run { <a href="#">USERS-8</a> } to build on-line help manuals.

## 1.8 Residence Applications

Menu	Changes Made	Install Script	User Action
Residence Admission Report { <a href="#">SNAPPR-2</a> }	<b>ENHANCEMENT:</b> Added the batch prompt to cater for international, and national students filtering on the report.	None	None

## 1.9 Student - Enquiry

None

## 1.10 Graduation Management

Menu	Changes Made	Install Script	User Action
Qualification Results { <a href="#">SSTUD7-12</a> }	<b>ENHANCEMENT:</b> Change the LOV for qualification codes to search regardless of Year on { <a href="#">SSTUD7-12</a> }	None	None

### 1.11 Student Application Wizard

Menu	Changes Made	Install Script	User Action
Wizard	<b>ENHANCEMENT:</b> Change the validation <ul style="list-style-type: none"> <li>• 1st evaluate a record with only Application type + block(mandatory) + OT (mandatory). Qual/QualType/PU is NULL. This record will take precedence over all other records.</li> <li>• There after evaluating the Qual + block(mandatory) + OT (mandatory) + application type (optional) entry</li> <li>• Then evaluate the Qual Type + block(mandatory) + OT (mandatory) + application type (optional) entry</li> <li>• Then evaluate the PU indicator + block(mandatory) + OT (mandatory) + application type (option)</li> </ul>	None	None
Wizard	<b>ENHANCEMENT:</b> For cell phone numbers create on the wizard - number should be between SA limit and International Limit since we do not know if the number is local or foreign <ul style="list-style-type: none"> <li>• Added an extra parameter to the function to also use application type on the V cycle check</li> </ul>	None	None

## 1.12 Statutory reporting

Menu	Changes Made	Install Script	User Action
<b>SWT GRADS- 2</b> TVETMIS Interface {TVETMIS-1} Maintain Export Information	<p>Insert the Passport number in the Person_Alternate_Id field of for foreign students as the validation on this field is less strict than National ID number. Files affected:</p> <ul style="list-style-type: none"> <li>• File 400 – Person</li> <li>• File 401 – Staff</li> <li>• File 403 – Staff Qualification Type</li> <li>• File 404 – Staff Subject</li> <li>• File 405 – Staff Classes</li> <li>• File 406 – Staff WBE</li> <li>• File 501 –Programme Enrolment</li> <li>• File 503 -Subject Enrolment</li> </ul>	None	None
	Subject Enrollment to recognise the '-' in the SAQA-ID as a legal character.	None	None
	Technical change - The TRIM and cleanstring before the surname, names and middle name are giving garbage	None	None
	Technical change - Improve the select to prevent an oracle error and display of duplicate records.	None	None
	Change the TVETMIS report on the biographical file-400 to ignore any names or surnames with the words 'NONE' on SREGB-1 (Student Biographical Information) or PBOP-1 (Personnel Biographical).	None	None
Populate TVETMIS Information {TVETMIS-4}	Add LOV to Processing Code	None	None

### 1.13 Lecturer iEnabler

Menu	Changes Made	Install Script	User Action
Appeals	<p><b>ENHANCEMENT:</b></p> <p>The program now keeps track of all Lecturer iEnabler inserts and updates.</p>	None	None
Class List <a href="#">{PL0001-2}</a>	<p>Provide functionality for lecturers to upload documents on iEnabler via the DSR which students can have access to on the Student iEnabler on the Progress Report.</p> <ul style="list-style-type: none"> <li>• Add a view/upload link on the Progress Report option on Student iEnabler. The DSR category that can be linked here should contain ANY 5 of the parameters CYR / SUBJ / OT / BC / GRPTYPE AND CLASSGROUP - NOT STNO</li> <li>• Add a view/upload link on the Classlist option on Lecturing iEnabler Classlist. The DSR category that can be linked here should contain the parameters CYR / SUBJ / OT / BC / GRPTYP / CLASSGROUP - NOT STNO</li> </ul> <p>User Action: Lecturers can now upload a document on the Lecturing iEnabler which all students can then see on the Student iEnabler.</p>	None	<p>Setup on <a href="#">{GDOCS-1}</a> create DSR category - Parameters CYR,SUBJ,OT,BC - make sure you set the size and type restrictions. Link this category on <a href="#">{GDOCS-4}</a> to Program w06pkg Block MARKSLIST - for Update Action. Link this category on <a href="#">{GDOCS-4}</a> to Program</p>

Menu	Changes Made	Install Script	User Action
			w62pkg Block W62_LST_FRM - for View Action only!

### 1.14 CELCAT Interface

Menu	Changes Made	Install Script	User Action
Class Timetable Download { <a href="#">SCELLTT-1</a> }	<p><b>SWT GRADT – 4</b></p> <p><b>Enhancement:</b> Add new prompt to ask the user the following “Do you want to do a full download (Y/N) “</p> <p>If “N” ask the following question after Department Code: Enter first Qualification code to Include or ALL and Enter first Subject code to Include or ALL.</p> <p>In CT_EVENT file replace the event id with X+EventID so that it will be invalid. User to manually assign a valid event before inserting into CELCAT.</p> <p>All other csv files will be altered as well to allow for the importing into CELCAT.</p>	None	None



Menu	Changes Made	Install Script	User Action
Auto Upload { <a href="#">SCELLTT-6</a> }	<p><b>ENHANCEMENT:</b></p> <p>{<a href="#">SCELLTT-6</a>} can be used to automatically start the timetable upload process in ITS Integrator when a file is saved to a specified.</p> <p>&lt;li&gt;If you are licensed for CELCAT SIM, the file can be scheduled to be exported from CELCAT and saved to the specific directory. see manual for {<a href="#">SCELLTT-6</a>} for more details.</p>	None	Run { <a href="#">USERS-8</a> } to build on-line help manuals.
	<p><b>Manual updated:</b></p> <p>Updated Examination Group for Students and automatic upload of CELCAT information</p>	None	None

# 2

## 2 Finance System

### 2.1 Financial Code Structures

Menu	Changes Made	Install Script	User Action
Link Users to Functions and Rules {FCSP-5}	<p><b>SWT ENHANCEMENT:</b></p> <p>Created a functionality on user function access to send an email when user is added to group function or when user is end date is updated.</p> <ul style="list-style-type: none"> <li>SOD EM for subsystem CS will control if this functionality is switched on or off</li> </ul> <p>Existing menu option {FPMOR2-4} can be used to schedule reports daily with requisition that is sitting at approver level.</p>	None	None

### 2.2 Student Debtors

Menu	Changes Made	Install Script	User Action
<p><b>SWT FINSD – 4</b></p> <p>Student Debtors – New Log File {FSAMR1-5}</p>	<p><b>ENHANCEMENT:</b></p> <p>Enhanced the program to create a log-file entry on {FSAO-5} when the no-show indicator of a SD journal is updated. Added choice number 26 to {FSAMR1-5} to</p>	None	None

Menu	Changes Made	Install Script	User Action
	allow the printing of changes made to the No-Show indicators of SD journals.		
Maintain Fee Values (ADF) {FSAM-41}	<b>ENHANCEMENT:</b> Existing rounding functionality for fee amounts, will always round up to the nearest 0.01, 1.0, 10.0 or 100.0. Added additional rounding indicators 4,5,6,7 to do normal rounding, i.e. for indicator 5=nearest 1.00, a value of 10.40 and less will round to 10.00 and a value of 10.50 and more, will round to 11.00.	None	None
SD Statement: Fixed Format: Single Student: Ageing 180 days {FSAOR2-16}	<b>ENHANCEMENT:</b> New Statement program has been created to enable a user to run the Student Statement in Summary or Detail. The statement displays the Ageing (up-to 180 days) and the institution's banking details at the bottom of the statement. The Zapper and SnapScan QR Codes can also be added to this student statement (using stylesheet IZB03PDF) to enable student to pay fees. <b>Note:</b> There isn't an interface developed for Zapper and SnapScan. If the institution needs to use this functionality, the app needs to be downloaded in order to make payments.	None	None
New statement program on the iEnabler	<b>ENHANCEMENT:</b> A new iEnabler process has been created to allow students to view their statement from {FSAOR2-16} and email the statement. The stylesheet of the statement to be viewed set up on {FCSM-1} for SOD UH/SD.	None	None

Menu	Changes Made	Install Script	User Action
	This options also prints banking details at bottom of student statements using stylesheets izb03pdf and izb04pdf, if cash book code is set up with SOD PG/SD.		
<b>SWT FINSD – 10</b>  Students with Event without Transactions {FSAOR1-4}	<b>ENHANCEMENT:</b>  This option was amended to also make provision for events 32 (Resident Deposits)	None	None
<b>SWT FINSD – 5</b>  Student Debtors - New Log File {FSAMR1-5}	The program that writes the changes made to {FSAM-1b1} to the log file, was changed to always log any changes made and not only under certain circumstances.	None	None

Menu	Changes Made	Install Script	User Action
<b>SWT FINSD – 7</b>  Cancellation Credits {FSAMR1-2}	<b>SWT ENHANCEMENT:</b>  Combined {FSAMR1-7} report with {FSAMR1-2} report. {FSAMR1-7} – to be discontinued.	None	None
<b>SWT FINSD – 9</b>  Transactions per Type Report {FSAOR1-1}	<b>SWT ENHANCEMENT:</b>  Combined {FSAOR1-2} and {FSAOR1-3} with {FSAOR1-30 and 31}. New program is linked to {FSAOR1-1}. {FSAOR1-2}, {FSAOR1-3}, {FSAOR1-30 and 31} will be discontinued.	None	None
<b>SWT FINSD – 11</b>	<b>SWT ENHANCEMENT:</b>	None	None

Menu	Changes Made	Install Script	User Action
List of Fee Values {FSAMR1-22}	Combine {FSAMR1-3} with {FSAMR1-22} list of fee values. {FSAMR1-3} will be discontinued.		
<b>SWT FINSD – 14</b> Student Balances / Ageing per Year {FSAOR2-31}	<b>SWT ENHANCEMENT:</b> Created a new report {FSAOR2-31} to show student balances per year or to show student balances ageing per year for 5 years.	None	None
<b>SWT FINSD – 13</b> Student Balances / Ageing Analysis / Forecasting Report {FSAOR2-25}	<b>SWT ENHANCEMENT:</b> {FSAOR2-25} has been enhanced as follows: <ul style="list-style-type: none"> <li>• Grouping of financial information to be available for RAW.</li> <li>• Added an additional selection option under “Grouping of Financial information” for (R)aw format.</li> <li>• Added the following student information to the Raw format output: Contact details, Cancellation code, Cancellation description and Status codes.</li> </ul>	None	None

Menu	Changes Made	Install Script	User Action
<b>SWT FINSD – 5</b> Note Report {FSAOR2-7}	<b>SWT ENHANCEMENT:</b> Converted {FSAOR2-7} to Jasper and fix layout in Jasper.	None	None

## 2.3 Bursaries and Loans

Menu	Changes Made	Install Script	User Action
Chatbot	<b>ENHANCEMENT:</b> Developed an additional functionality that enables the students to view financial aid amounts awarded for both NSFAS and Private sponsors.	None	None.
Bulk Upload of Bursary Applications {FBLO-35} Bulk Upload of Bursary Allocations {FBLO-36} Copy Bursary Estimated Costs to AR {FBLO-37}	<b>ENHANCEMENT:</b> Manuals for {FBLO-35/36/37} did not exist and they needed to be created. Created new manuals for {FBLO-35/36/37} on INT4.1.	None	None
Send Academic Results to NSFAS - TVET's (Csv File) {FBNO-34}	<b>ENHANCEMENT:</b> New program was created to enable TVET's to send Academic Results to NSFAS in a csv File. This program consists of the External Qual Code in the csv file which doesn't exist on {FBNO-22} as it is only used by the TVET's.	None	None
Maintain Qual/Subject per Bursary {FBLC-3}	<b>ENHANCEMENT:</b> Converted {FBLC-3} from Oracle forms to ADF conversion.	None	None

## 2.4 Cashbook

Menu	Changes Made	Install Script	User Action
SWT FINT - 1	<b>ENHANCEMENT:</b> <b>Withholding Tax for Ghana:</b>	None	None

Menu	Changes Made	Install Script	User Action
Maintain Trans. Type Definitions {FCSO-7} Withholding Tax Rates {FPMOWT-4} Maintain System Operational Def. {FCSM-1} CT Payments (WH Tax) {LFCTO-1}	Created a new functionality for withholding tax for Ghana for cheques/payments as follows: <ul style="list-style-type: none"> <li>• On {FCSO-7}, added validations for transaction types for event C4 (withholding tax) - and allow for cash book code not to be required for subsystem CT.</li> <li>• Make a version of the program for CT payments program for Ghana clients, with the following functionality:                             <ul style="list-style-type: none"> <li>○ Added field to enter the withholding tax code (using LOV), which will then fill the withholding tax rate. The field is only available when SOD 'QA' is 'Y' and Person Type is 'O'-Other and sign is 'D'-Debit</li> <li>○ Calculate the withholding tax amount as user enters the details</li> <li>○ Display total withholding tax amount on save and deduct the withholding tax amount from payment totals.</li> <li>○ Created a credit transaction line for the withholding tax for the correct GLAs</li> </ul> </li> </ul>		

## 2.5 Counter System Receipts/Payments

None

## 2.6 Accounts Receivable

None

## 2.7 Income and Expenditure Budgeting System

None

## 2.8 Procurement System

None

## 2.9 General Ledger System

None

## 2.10 Electronic Banking

None

Menu	Changes Made	Install Script	User Action
International drafts payment report { <a href="#">FACM-16</a> }	<b>ENHANCEMENT:</b> A new report was developed to display a list of international draft payments created using { <a href="#">FACM-14</a> }	None	None





### 3 HR/Payroll system

#### 3.1 Personnel Standard & Personnel iEnabler Systems

Menu	Changes Made	Install Script	User Action
<p><b>SWT PAYT - 3</b></p> <p>Remchannel</p>	<p><b>ENHANCEMENT:</b></p> <p>Remchannel is an on-line Reward’s Management platform, giving employer’s the tools to create a market related Reward’s Strategy.</p> <p>In order to participate, employer’s upload employee’s salary and benefits data, in the required format in excel.</p> <p>Functionality has been developed to generate the excel spreadsheet, using Jasper, in the required format. A once off simple and easy setup is required, once done the Jasper Report can be generated when required.</p> <p>The following Menu Options have been enhanced/ created:</p> <ul style="list-style-type: none"> <li>• <a href="#">{SPCS-1}</a> Campus Codes</li> <li>• <a href="#">{PPEO-1}</a> Post Structure</li> <li>• <a href="#">{PLCS-2}</a> Leave Types</li> </ul>	None	<p>Run <a href="#">{USERS-8}</a> to build On-Line. Follow set-up process as detailed in <a href="#">{PAOPR3-9}</a> On-Line Help Manual</p>



Menu	Changes Made	Install Script	User Action
	<ul style="list-style-type: none"> <li>• <a href="#">{PACS-26}</a> Qualification Codes</li> <li>• <a href="#">{PBOP-8}</a> Qualifications</li> <li>• <a href="#">{PBOP-2}</a> Service Records</li> <li>• <a href="#">{FPRG-6}</a> E/D Code Structure</li> <li>• <a href="#">{FPRG-13}</a> Remchannel ED Coe Rules</li> <li>• <a href="#">{PAOPR3-9}</a> Extract data for Remchannel Reporting</li> <li>• <a href="#">{PAOPR3-10}</a> Remchannel Report</li> </ul> <p>On-Line Help Manuals have been enhanced/ created. Please see <a href="#">{PAOPR3-9}</a> Manual for set-up requirements/ selection of data and reporting.</p>		
<p><b>SWT PAYT - 1</b></p> <p>iEnabler Single/ Multiple Leave Applications</p>	<p><b>SWT LEAVE ENHANCEMENT:</b></p> <p>Leave Applications could only be applied for, one-by-one. Request to add additional functionality to apply for multiple leave applications without exiting and re-entering the iEnabler Leave Application Menu Option</p> <p>Functionality enhanced as follows:</p> <ul style="list-style-type: none"> <li>• Description of existing Menu Option ‘Leave Application’ changed to ‘Single Leave Application’ (<a href="#">P00004-1</a>).</li> <li>• New functionality and iEnabler Menu Option developed to allow multiple leave applications to be applied for, without exiting the screen</li> </ul> <p>Multiple Leave Applications (<a href="#">P00004-16</a>).</p> <ul style="list-style-type: none"> <li>• Script created for Business Function, Menu Option, Access to run on the Web.</li> </ul>	None	Run <a href="#">{USERS-8}</a> to build on-line help manuals.

Menu	Changes Made	Install Script	User Action
	<ul style="list-style-type: none"> <li>On-Line Help Manuals updated and created.</li> </ul>		
<p><b>SWT PAYT - 2</b></p> <p>iEnabler Leave Routing 'WEBL'</p>	<p><b>SWT LEAVE ENHANCEMENT:</b></p> <p><b>Enhancement to the package used to determine the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> level of Approver for WEBL Routing Type</b></p> <ul style="list-style-type: none"> <li>If the 1<sup>st</sup> Level Senior is the same as the applicant, then the personnel number appointed into the post defined as the senior post, of the post the applicant is appointed into, will be used</li> <li>If the 2<sup>nd</sup> Level Senior is the same as the 1<sup>st</sup> Level Senior, then the personnel number appointed into the post defined as the senior post, of the post the 1<sup>st</sup> Level Senior is appointed into, will be used</li> <li>If the 3<sup>rd</sup> Level Senior is the same as the 2<sup>nd</sup> Level Senior, then the personnel number appointed into the post defined as the senior post, of the post the 2<sup>nd</sup> Level Senior is appointed into, will be used</li> </ul>	None	Run {Users-8} to Build on-line help Manuals
<p><b>SWT PAYT - 1</b></p> <p>iEnabler Cancellation of Leave Single Leave Application {P00004-1} Cancellation of Leave {P00004-2}</p>	<p><b>SWT LEAVE ENHANCEMENT:</b></p> <p>Enhancement of the Cancellation of Leave process – this includes applications not yet approved and applications already approved (controlled by SOD)</p> <ul style="list-style-type: none"> <li><b>Single Leave Application {P00004-1}</b> Leave Applications waiting for Approval have been moved to a new option 'Leave</li> </ul>	None	Run {USERS-8} to build online help Manuals

Menu	Changes Made	Install Script	User Action
<p>Leave Applications awaiting Approval / Hold to be Lifted</p> <p>{P00004-17}</p>	<p>Applications awaiting Approval / Hold to be Lifted' and will no longer be displayed under the Single Leave Application Menu Option.</p> <ul style="list-style-type: none"> <li>• <b>Cancellation of Leave <a href="#">P00004-2</a></b> Layout and functionality enhanced. Leave Applications awaiting Approval, in addition to Leave Applications already approved, that may be cancelled (Controlled by SOD) are displayed and the cancellation process may be followed.</li> <li>• <b>Leave Applications awaiting Approval / Hold to be Lifted <a href="#">P00004-17</a></b> New Menu Option to display all leave applications awaiting approval or the Hold to be lifted.                             <ul style="list-style-type: none"> <li>○ The Routing process and responsible person to authorise the application may be viewed</li> <li>○ Documentation may be viewed, uploaded</li> <li>○ Additional documentation may be uploaded if requested by HR with an automated email notification advising HR once completed</li> </ul> </li> <li>• On-Line Help Manuals have been created / updated.</li> </ul>		

Menu	Changes Made	Install Script	User Action
Transfer Leave Balance – Leave Credit Calc Methods 2 & 4 {PLOPR1-13}	<p><b>SWT LEAVE ENHANCEMENT:</b></p> <p>New development to transfer Leave balances from one Leave Type to another, when Calc Method 2 or 4 (on Appointment Date Monthly / Annually) is used to calculate the Leave Days.</p> <ul style="list-style-type: none"> <li>On-Line Help Manual have been created.</li> </ul>	None	Run {USERS-8} to build online help Manuals
Dependants and iEnabler Dependants {PBOP-7}	<p><b>ENHANCEMENT TO DEPENDANT FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>Functionality added to store documentation for dependants, which may be uploaded from either the iEnabler Dependant functionality {P00005-11} or {PBOP-7} Dependents. Document Storage Category PERS_DEP.</li> <li>Automated email notifications may be setup to send email notifications when a dependant is turning 21 years old. Routing Type DEPA.</li> <li>Routing Request Number has been added to display on {PBOP-7}.</li> <li>Email notifications can either be run manually from new Menu Option {PBOPR1-10} or linked to run as a cron job (daily / weekly etc.) to automate the process.</li> <li>Existing On-Line help Manuals updated. New On-Line help Manual created for {PBOPR1-10}.</li> </ul>	None	Define Routing details for automated email notification, Routing Type DEPA. Link {PBOPR1-10} as a cron job to automate the email notifications when a dependant is turning 21.
SWT PAYT - 5 eRecruitment On-Line Applications	<p><b>ENHANCEMENT:</b></p>	None	Run {USERS-8} to build On-line help Manuals

Menu	Changes Made	Install Script	User Action
	To standard application form completed by applicants, to allow for 10 Qualifications, 10 Referees and 10 Employment History details to be submitted		
Leave Balances {PLOP-11}	<b>ENHANCEMENT:</b> Export to excel added <ul style="list-style-type: none"> <li>On-Line Help Manual created</li> </ul>	None	Run {USERS-8} to build Manuals
Performance Management	<b>ENHANCEMENT:</b> Performance Management released in the previous Build (46), <ul style="list-style-type: none"> <li>On-Line Help Manuals completed and released in this Build.</li> </ul>	None	Run {USERS-8} to build On-Line help Manuals

### 3.2 Payroll System

Menu	Changes Made	Install Script	User Action
SWT PAYT - 4 ITAS Monthly Reporting	<b>ENHANCEMENT – APPLICABLE TO NAMIBIAN CLIENTS ONLY</b> Functionality developed to create the monthly ITAS report to submit to the Namibian Inland Revenue Services The following Menu options have been enhanced/created for ITAS reporting: <ul style="list-style-type: none"> <li>{FPRG-14} Namibian ITAS ED Code Rules</li> <li>{FPRM-3} Event Log File</li> <li>{FPRN-23} Rollback Single Salary Calculation</li> <li>{FPRNAM-6} Namibian Tax Directives</li> </ul>	None	Run {USERS-8} to build On-Line Help Manuals. See {FPRNAM-7} On-Line Help Manual for setup requirements and selection of data details

Menu	Changes Made	Install Script	User Action
	<ul style="list-style-type: none"> <li>• <a href="#">{FPRNAM-7}</a> ITAS Selection of Data for Monthly Reporting</li> <li>• <a href="#">{FPRNAM}</a> – 8 ITAS Monthly Report</li> <li>• <a href="#">{FPRNAM-9}</a> Rollback of ITAS File</li> </ul> <p>On-Line Help Manuals have been enhanced/ created.</p>		
<p>Bulk Load Individual Earnings/ Deductions <a href="#">{FPRI-10}</a></p>	<p><b>ENHANCEMENT:</b></p> <p>Functionality enhanced to allow transactions to be uploaded with Calc Method 8 (Quantity x Rate) and Calc Method E (Overtime Hours). Previously only Calc Method 3 (Advised Amount) was allowed.</p> <p>Error message changed to be more descriptive when the person is not in service for the full month for which transactions are being uploaded</p> <p><b>PLEASE NOTE: The file layout used to import the data has been changed to accommodate the above change. Please see the On-Line Help Manual for the new layout required.</b></p> <ul style="list-style-type: none"> <li>• On-Line Help Manual updated.</li> </ul>	None	Run <a href="#">{USERS-8}</a> to build On-Line Help Manuals
<p>Bulk Update of Individual Transaction End Dates <a href="#">{FPRI-19}</a></p>	<p><b>ENHANCEMENT:</b></p> <p>Functionality to bulk update the End Date of transactions defined on <a href="#">{FPRI-2}</a></p> <ul style="list-style-type: none"> <li>• On-Line Help Manual created</li> </ul>	None	Run <a href="#">{USERS-8}</a> to build On-Line Help Manuals

## 4 General System

### 4.1 General Code Structures

Menu	Changes Made	Install Script	User Action
Maintain Communication Methods <a href="#">{GCS2-9}</a>	<b>ENHANCEMENT:</b> Added new delete button and pre-delete validation on <a href="#">{GCS2-9}</a> , user won't be able to delete system created communication.	None	None
Generate Views Minor <a href="#">{DMAIN-11}</a>	Created the online manual for <a href="#">{DMAIN-11}</a>	None	System Administrator to run <a href="#">{USERS-8}</a> to build the online help manual.
System Operational Definitions <a href="#">{GCS2-11}</a>	There were SOD's for subsystem 'SM' that needed to be included on the <a href="#">{GCS2-11}</a> and OM_APPLICATION_WIZARD online manuals, the SOD's were added on both online help manuals.	None	None
Print Log File <a href="#">{GMNT-1}</a>	Academic census date <a href="#">{GOPS-1B1}</a> , holiday calendar changes <a href="#">{GOPS-2}</a> and residence period <a href="#">{GOPS1B2}</a> records data on <a href="#">{GMNT-8}</a> not <a href="#">{GMNT-1}</a> , on <a href="#">{GMNT-1}</a> they are now changed to old method.	None	None



Menu	Changes Made	Install Script	User Action
Maintain a Routing Request <a href="#">{GROU-2}</a>	Manuals updated to include routing due dates	None	None
Maintain iComms Stylesheets <a href="#">{GMNT-14}</a>	Change iComms Manual to reference on <a href="#">{GMNT-14}</a> instead of <a href="#">{GMNT-5}</a>	None	None
Business Processes <a href="#">{GMAIN-7}</a>	When web administrator email address for Routing type 'WLIA' Web Login Invalid Attempts and 'WLIR' Web Login Invalid Reset not found, the mail From Email Address is hardcoded to use dedicated AdaptIT DBA. Use iEnabler mail From Email Address defined on <a href="#">{GOPS-21}</a> when no dedicated personnel email address defined on <a href="#">{GOPS-21}</a> Internal Code 'WEBADM'	None	None
Import/Export Menu Options Linked to System Owners <a href="#">{USERS-43}</a>	Created Manual for <a href="#">{USERS-43}</a> to help the user to understand the functionality of the menu option.	None	Run <a href="#">{USERS-8}</a> to Build On-line help manual
	This task contains database changes for a new validation engine to provide information on the integrity of the data in the system	None	None
	Create a new hopper procedure that can be called from Function callDynBGProc to set the content-type in a header first before calling the original DB procedure. No changes need to be made to other programs - this new logic will automatically be used by the affected programs.	None	None
	Added adfseq on the EO for the user to be able to select their own stylesheet	None	None

## 4.2 Asset Management

Menu	Changes Made	Install Script	User Action
Asset Inventory {AOPSR1-1}	Field for "Date Created" was added on the FAR report	None	None

## 4.3 Space System

Menu	Changes Made	Install Script	User Action
	<b>ENHANCEMENT:</b> Group various Campuses as specific Clusters. Creation of another level in campuses that will be called clusters, this will help with grouping campuses as the user sees fits.	None	None

## 4.4 Clinic System

Menu	Changes Made	Install Script	User Action
Maintain Consultation Codes {HCS-1}	<b>ENHANCEMENT:</b> Created Clinic I-enabler booking and querying application.	None	None

## 5 Jasper Reports

### 5.1 Student System

Menu	Changes Made	Install Script	User Action
SWT GRADT - 7 Residence Report {SREGR2-1}	Conversion of Standard Report to Jasper.	None	None
Unnecessary Scheduled Exams {SEXAM1-3}	Conversion of Standard Report to Jasper.	None	None
Exam venues too small for Exam group {SEXAM1-4}.	Conversion of Standard Report to Jasper.	None	None
Scheduled Exams without a Venue {SEXAM1-6}	Conversion of Standard Report to Jasper.	None	None
Exam groups not in Timetable {SEXAM1-7}	Conversion of Standard Report to Jasper.	None	None
Duplicated Subject/Examgroup/P apr {SEXAM1-8}	Conversion of Standard Report to Jasper.	None	None

Menu	Changes Made	Install Script	User Action
Sessions without Main Invigilator { <a href="#">SEXAM1-9</a> }	Conversion of Standard Report to Jasper.	None	None
Print Service Centres { <a href="#">SDSERR-8</a> }	Conversion of Standard Report to Jasper.	None	None
{ <a href="#">SSTURN-2</a> }	Convert to Jasper. { <a href="#">SSTURN-2</a> } was split into 3 separate reports	None	None
{ <a href="#">SSTURN-6</a> } Student Results per Campus	Convert to Jasper. { <a href="#">SSTURN-2</a> } was split into 3 separate reports	None	None
{ <a href="#">SSTURN-7</a> } Student Results Per Exam Centre	Conversion of Standard Report to Jasper. { <a href="#">SSTURN-2</a> } was split into 3 separate reports	None	None
Subjects per Matric type { <a href="#">SCODER-41</a> }	Conversion of Standard Report to Jasper.	None	None
Application Type Rules { <a href="#">SNAPPA-19</a> }	<b>Conversion:</b> Form converted to new ADF technology	245485	None

## 5.2 HR/Payroll system

Menu	Changes Made	Install Script	User Action
Salary Transactions per Employee { <a href="#">FPRI2-8</a> }	<b>ENHANCEMENT</b> New Jasper Report to select salary transaction details in excel format, in addition to biographical details and net salary, salary calc number, seq number etc. Will be useful report to determine an employee's Cost to Company.	None	Run { <a href="#">USERS-8</a> } to build On-Line Help Manuals

Menu	Changes Made	Install Script	User Action
	<ul style="list-style-type: none"> <li>On-Line Help Manual created</li> </ul>		
Net Salary Report {FPRNR1-20}	<b>ENHANCEMENT</b> New Jasper Report to select Net Salary Details, in addition to Salary Calc, Pay Date Number, Appointment Type etc. <ul style="list-style-type: none"> <li>On-Line Help Manual created</li> </ul>	None	Run {USERS-8} to build On-Line Help Manuals
Pay Distribution List {FPRNR2-4}	<b>ENHANCEMENT</b> Conversion of Standard Report to Jasper. <ul style="list-style-type: none"> <li>On-Line Help Manual updated</li> </ul>		Run {USERS-8} to build On-Line Help Manuals
E/D per GLA Summary {FPRY-24}	Conversion of Standard Report to Jasper. <ul style="list-style-type: none"> <li>On-Line Help Manual updated</li> </ul>	None	Run {USERS-8} to build On-Line Help Manuals
Detail per Earning/ Deduction {FPRNR1-6}	Conversion of Standard Report to Jasper. <ul style="list-style-type: none"> <li>On-Line Help Manual updated</li> </ul>	None	Run {USERS-8} to build On-Line Help Manuals
PENSIONABLE Component of Salary Notch {FPRIR1-32}	Conversion of Standard Report to Jasper. <ul style="list-style-type: none"> <li>On-Line Help Manual updated</li> </ul>	None	Run {USERS-8} to build On-Line Help Manuals

## 6 Need help?

Contact Points	
Address	152 14 <sup>th</sup> Rd Noordwyk, Midrand

	1687
<b>Telephone</b>	+27 10 494 0000
<b>Email</b>	<a href="mailto:EDU.material_development@adaptit.co.za">EDU.material_development@adaptit.co.za</a> <a href="mailto:EDU.Stud_support@adaptit.co.za">EDU.Stud_support@adaptit.co.za</a> <a href="mailto:tvethelpdesk@adaptit.co.za">tvethelpdesk@adaptit.co.za</a>
<b>Website</b>	<a href="http://support.itsintegrator.com">http://support.itsintegrator.com</a>

Team Code	Team Description
GRADT	Student Management - Applications & Registration
GRADS	Student Management – Study Records
FINSF	Student Finance
FINT	Finance
PAYT	HR & Payroll team