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EDUPAC

Your IT Partner in School Management Information Solutions



**When wealth is lost, nothing is lost;
When health is lost, something is lost;
When character is lost, all is lost!**



EDUPAC WINDOWS UPGRADE 8.05



Changes made:

1. Allow editing of the Key field on the Pupil Academic Detail Tab.
2. Added validation checking to check whether the XXTEMPTRAN table is available.
3. Changed the size of the External Subject code to allow for 15 characters on the Subjects in Marks Setup
4. Corrected end-user problem when selecting both "All Classes" and "View All Debtors" options on the debtor's statement printing/e-mailing.
5. Sending of SMS's. Changed the classes to allow for the selection of individual parents. Functionality is the same as families, but limited to a "Per Class" basis.
6. Quarterly Survey (Absenteeism) (Report ADMN1075). Added the a Grade R column to the report and corrected an error on calculation of the Grand Total – Attendance, Grand Total – Male and Grand Total – Female.
7. Reports: MRKS0002, MRKS0002a, MRKS0003, MRKS0019 – Spelling in Afrikaans heading corrected.

EDUPAC'S SMS MODULE: WHAT YOU NEED TO KNOW...



The Edupac system uses FTP to upload the .sms and .com files to the SMS Server through port 21 and then waits for a confirmation back from the SMS server via Port 20.

As soon as the confirmation is received back, Edupac will show a "Message Send" on the SMS interface screen.

Therefore, both Ports 20 and 21 needs to be opened on your server to allow for successful SMS operations.

The URL to be set up in Edupac is: edupacsms.activesms.com or IP: 196.41.3.211

ARE YOUR SMS MESSAGES URGENT?

Edupac is providing an option in our next software upgrade on the SMS module where you can choose to send your SMS via **standard** or **premium** rates.

Currently the SMS delivery service in Edupac is at standard rate, meaning that the SMS delivery is subject to the cell provider's server availability and may be queued or diverted when busy.

When a premium rate SMS is send, delivery at and via the cell provider's server is prioritized and not queued or diverted.

Selecting to send your SMS from Edupac via premium rate will be available only to our debit order SMS clients as the cost per sms is more expensive. *(Pricing will be published with the upgrade)*

HOW MUCH IS MY DATA WORTH?

60-Second Guide to Planning for Disaster Recovery

0:60 Evaluate Your Risk

Evaluate the possibility of each of the following disasters occurring and how your business would recover from it: hardware failures, theft, malicious acts, mistakes, natural disasters. Ask: How much is my data worth? How much would downtime cost my business each day? Each hour? Each minute? How much would my business lose if that data were lost permanently?

0:48 Plan for Disaster Recovery

Risk = Asset (anything that's valuable to your company) x Threat (events that may compromise your data) x Vulnerability (weaknesses that might allow for the failure of a control that affects the confidentiality, integrity, or availability of your assets). Perform both qualitative and quantitative risk assessments, then choose from four risk management options: mitigation, acceptance, avoidance, and transference.

0:36 Understand Business Continuity Planning (BCP)

Form a BCP team to reduce the possibility that your business will be interrupted in the event of a disaster. Teams should have the right balance of technical skills, business process knowledge, and leadership to make your organization disaster resistant.

0:27 Evaluate Continuity and Recovery Solutions

Investigate possible technology solutions for disaster recovery: high-availability solutions, including redundant disks, mirrored servers, and clustered servers; uninterruptible power supplies (UPSs); data backup and off-site storage of media; and alternate-processing facilities, including hot, warm, and cold sites.

0:18 Document and Maintain Your Disaster Recovery Plan

Document your disaster recovery plan in a format that's available to everyone who's expected to play a role in disaster recovery. Train responders. And keep the plan current in the face of your changing risks, infrastructure, and business environment.

0:07 Test Your Disaster Recovery Plan

Test your disaster recovery plan before disaster strikes. Choose from several testing methodologies for your organization's culture and resources, including: desk checks, structured walkthroughs, disaster simulation, parallel tests, full interruption tests, and routine tests.

Backup Procedures: The Different Types of Backup

Full Backup:

A Full backup is simply backing up all files on the system. Users may choose to update archive attributes if they plan on doing any of the following 2 types of partial backups.



Incremental Backup:

An incremental backup is a backup that backs up only the files modified since the last backup. When running an incremental backup, users need to update the archive attribute while backing up only modified files. Often the incremental backups are appended to the full backup set. The result is a tape with the changes that occurred daily. This type of backup is useful if the user wishes to have an audit trail of file usage activity on their system and will enable them to restore a specific days work without restoring any changes made since that point in time. To do a full restore for 4 days after a full backup they must restore the full backup and all 4 data sets after it. Unlike the next type of backup.

Differential Backup:

A differential backup is a cumulative backup of changes made since the last full backup. It backs up modified files only but does not update the archive attribute. The list of files grows each day until the next full backup is performed clearing the archive attributes. This enables the user to restore all files changed since the last full backup in one pass. These backups can be appended to the full as well, but they will have to keep in mind that each set can contain a different version of a file if that file changes daily. The data sets will always be at least as big as the previous differential (if no changes were made) and will continue to grow as files change. Once a files archive attribute is set it will be backed up each day until after the full backup resets it's attribute bit.



Have a Happy week!

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