



Tech Tips

GPUG Tech Tips is tips and tricks from fellow GPUG members. We hope this expands your learning of how to leverage Dynamics GP. The list of tips will be categorized and will grow each week with new tips shared by you!

If you have a tip to share, please email them to Kim@GPUG.com. Enjoy!

5 Simple Tips for Microsoft Dynamics-GP Maintenance

By Eugene Kogan, US Fund For UNICEF

If you are looking for great tips on how to properly maintain Dynamics GP, here's some proven methods used by US Fund for UNICEF. These include what you need to back up, best practices in scheduling, maintaining and testing. Enjoy!

1 - SQL Backup

Make SQL backups of every database on your SQL server! You can do full backups only or full backups with transaction log backups depending on your needs. See SQL BOL ([Books on Line](#)) for details.

You need to backup Dynamics database, Company (s) database(s) and Model database

2 - File Backup

While most people know to make SQL backups with Dynamics-GP there are also multiple files that need to be backed up along with the SQL backups. Those files include but not limited to:

- Any file in the <Program Files\Microsoft Dynamics\GP> folder that ends in: dic, set, or config. And considering that the GP folder with all subfolders is not that big it would be even better to back up the entire folder and subfolders.
- While you are in that folder also open the Dynamics.Set and the DynUtils.set and look for any files that you did not get in the above list.
- Also in that folder is a folder named <Data>. You need to get all of that folder as well
- Inside the <Data> folder is a file named Dex.Ini. This file lists the locations of other files that you will need to backup. While there is quite a lot in this file look for the following items and backup the folders that are listed.
 - OLEPath
 - OLEPathHR
 - Word Macro File
 - Letters Directory
 - ReportDictionaryPath
 - FormDictionaryPath
- And do not forget to go through the manuals of any add-on products to get information on what needs to be backed up for them. For example FRx has a SysData folder that needs to be backed up.

3 - Schedule Your Backups

Schedule your backups both SQL and FILES depending on your needs. Keep in mind that the more often you backup the less information you lose should something happen. The main thing is that it should automatically occur at some interval without someone having to remember to make a backup. It's not proper to say that more backups are better. If a database is big, for example 200 or 800 or even 2000 mgs (and even larger) that would be a disaster for performance. The strategy is to have full backups and incremental backups with transaction logs....C

4 - Monitor Your Backup Jobs

While it sounds silly, you should monitor your jobs to make sure that everything is happening as it should. While you can set up your SQL server to notify you if the job fails, you still need to check the job periodically. There are cases where a job can "hang" and because it technically has not failed you do not receive a notification from SQL, yet the job is not running as you expected and nothing is being backed up. This is also a

good time to check how long the jobs take to see if you need to adjust the schedule for performance or availability reasons.

5 - Test Your Backups

Another thing that people sometimes forget is to periodically test their backups. Is the SQL backup file actually a good backup? For you SQL Backups, restoring the backups to another server is usually a good test. If you have another copy of Dynamics-GP on another server for testing purposes this is a good place for you to place you file backups to test if you have good file backups.