

## Procedure for I strategy Library Restore

- 1) From the Object Explorer in SQL Server Management Studio, right click on the "Databases" folder, and click "Restore Databases..."
- 2) In the form that appears, enter a new database name in the "To Database" field. (ex. PAS\_Restore)
- 3) Select From Device for the source, and click on the "... " icon.
- 4) Use "File" as the backup media, and click Add. Navigate to the PAS backup files. Located at:  
D:\Microsoft SQL Server\Backup\PAS  
  
This database is backed up nightly.
- 5) Click Ok and let the Database restore process run
- 6) Components from the restored database can now be copied into the production database, re-inserting the complete records back into the tables.

To Restore an entire library run the following three queries. Replace [Library Name] with the name of the library that needs to be restored:

```
use PAS
```

```
insert into dbo.Libraries
select *
from PAS_Restore.dbo.Libraries x
where Description = '[Library Name]'
```

```
insert into dbo.Books
select *
from PAS_Restore.dbo.Libraries x
    join PAS_Restore.dbo.Books y
        on x.LibraryID = y.LibraryID where Description = '[Library Name]'
```

```
insert into dbo.BookElements
select *
from PAS_Restore.dbo.Libraries x
    join PAS_Restore.dbo.Books y
        on x.LibraryID = y.LibraryID
    join PAS_Restore.dbo.BookElements z
        on z.BookID = y.BookID
where Description = '[Library Name]'
```

- 7) Check the reports in ProClarity, they should be visible at this point.
- 8) Delete the Restored database from SSMS.

